

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1	Nit	RFP No: - RCIL-2023--PDY-Smart City-RFP-01,NOTICE INVITING RF©	1	c) Earnest Money Deposit (EMD) Rs. 1,00,00,000/- in the form of Bank Guarantee as per format in RFP Vol-1. The validity for the EMD would be 60 days beyond the original validity period of the bid	kindly ammend to 25 lakhs,to encorage number of participants		Please refer corrigendum
2	Volume-I Instruction to Bidder	1.3, S. No. 6	11	Pre-Bid Conference time, date, & venue 15:00hrs 12-06-2023 IRIFM, Moula Ali,Near Railway Colony, Secunderabad. Email queries at email: pdysmartcity.rfp@railtelindia.com	Now a days, Pre-Bid meetings are done both online and offline mode. We request you to share link to attend pre-bid meeting online by sending meeting link(e.g. MS Teams, Zoom, Google meet) to all prospective bidders, who have shared Pre-bid queries. Kindly consider it.		No change
3	Volume - 1	1.3 Fact Sheet	10	S.No-1. Method of Selection - The method of selection is QCBS – Quality cum Cost Based Selection. The Contract will be awarded to the bidder with highest Total Score.	Please change the method of selection to L1 instead of QCBS to get cost effective competitive bid.		Please refer corrigendum
4	I	2	14	2.1.2. Eligible Bidders Consortium # Maximum 2 Bidder, are allowed in the consortium including Lead Bidder	We request you to kindly allow 3 members to form consortium considering the scope of the project		Please refer corrigendum
5	I	2	17	2.8 Earnest Money Deposit (EMD) / Bid Security: The bidder should also submit an EMD of Indian Rupees (Rupees one Crore only) in the form of Demand Draft or in the form of Bank Guarantee from a nationalized or scheduled bank in	ITI being a central PSU may be exempted from payment of EMD. Alternately we may be allowed to submit Bid Security Declaration in place of EMD		No change
6	vol-1	(k)sl no -2	95	E-Challan handheld device with software application and integration with RTO during implementation and 5 years of O&M Period Lot 2	Required clarity on integration with existing or new ,		Please refer relevant clauses of RFP
7	Volume 1	2.22 Confidentiality	24	The employees of the successful Lead bidder and Consortium members who are proposed to be deployed on the project need to furnish a Non-Disclosure Agreement (NDA) format provided in Volume 3 of the RFP.	It will be impossible to have all employees sign a NDA and submit to the authority. However, as per practice employees of the bidder always sign a NDA with the bidder and accordingly the same can be submitted to the authority or the bidder and consortium members can sign a NDA and submit on behalf of all employees. Kindly revise the clause accordingly.		Please refer corrigendum
8	Volume-1	2.2 Consortium Conditions	16	xi.-In case RailTel, DRDM / PSCDL intends to proceed for Termination on account of SI Event of Defect / Event of Default and /or unresolved disputes between the Consortium Members, both the Consortium Members and the Lead Bidder shall be jointly and severally liable for Implementation, Operations and Maintenance of project at Agreed prices and payment terms specified in this Tender till Authority or any new agency appointed by it takes over the Project.			No change

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9	Volume 1	2.28 Inclusion of MSMEs in Project Delivery	28	2.28 Inclusion of MSMEs in Project Delivery Bidders are encouraged to include Micro, Small and Medium Enterprises (MSMEs) in the delivery of the project. Further to promote Make in India initiative of Government of India, procurement guidelines as per Public Procurement (Preference to Make in India), Order 2017, and its subsequent amendments thereof, of Department for Promotion of Industry and Internal Trade (DPIIT) has to be strictly complied with.	Kindly confirm if there is a minimum requirement on the inclusion of MSME. Kindly also confirm the Make in India guidelines and policies to be complied with.		Please refer relevant clauses of RFP
10	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	d. All CCTV Cameras, Video Management System, Video Analytics Solution/Software and any video/image processing solution within overall project offering should be compliant to ONVIF Core Specification '2.X' for Profile 'S' and preferably Profile 'G'	ONVIF ensures cross-compatibility between different OEMs of cameras and video management software for live view and recording the video feed, including other control signals like time stamping, motion, etc., whereas video analytics software and any video or image processing solution don't send any control signals to the camera by using the ONVIF protocol. Video analytics software and any video or image processing solution use a video feed by using an RTSP stream directly from the camera or through video management software. Restricting video analytics solutions and software and any video or image processing solution OEMs on the ONVIF clause is giving an edge to specific OEMs and restricting others' participation. Hence, we request that you amend the clause as mentioned below for fair and larger participation. d. All CCTV cameras and video management system solutions within the overall project offering should be compliant with ONVIF Core Specification '2.X' for Profile "S" and preferably Profile "G."		Please refer corrigendum
11	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	Request for addition	With reference to latest G.S.R and amendment in section 167 of Central Motor Vehicle Rule,1989, the electronic enforcement device used for issuance of a challan shall have an approval certificate from nominated government agencies. Proposed Speed measurement system should have an accuracy of more than 200 Kmph +/- 2 %, certificate from Government Impeneld agency as per latest GSR 575 (E) guidelines August 2021 shall be submitted along with bid.		Please refer corrigendum
12	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	Request for addition	Proposed ITMS OEM should have supplied minimum 1000 ITMS licenses including ANPR, RLVD & SVD (cumulative) and 1000 Video Analytics (Vehicular) licenses within last 5 years for maximum 5 (five) smart cities / ITMS / safe city projects in India where end user is Government. Copies of Purchase Order(s) / Contract Agreement along with completion certificate should be submitted with the bid documents.		No change
13	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	Request for addition	Proposed VDC solution OEM should have implemented 500 nos. of VDC units (cumulative) as on bid submission date in min. 3 smart city/ ITMS projects in India.		No change
14	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	Request for addition	Local Processing units for ANPR/RLVD/SVD/Traffic Analytics/ VDC should have native integration with the application for optimum performance & to meet SLA requirement and should have MAC address on the name of ANPR/RLVD/SVD/Traffic Analytics/ VDC OEM.		No change

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15	Vol-I	2.29 Eligible Goods and Services, and OEM Criteria	29	Request for addition	The proposed VDC system should have certification from CERT-IN empanelled agency confirming to Cyber Security guidelines as per GOI, to ensure that the critical information processed and stored by the proposed application is secure from cyber-attacks / hacking. Certificate from CERT-In empanelled agency shall be submitted along with bid documents.		No change
16	vol1	2.7 RFP/Tender Document Fee	17	RFP can be downloaded from the website - URL mentioned in the fact sheet. • Without the payment of Tender Document Fee the bids will be taken as incomplete and non responsive and shall not be considered. • Receipt or Copy of Tender Document Fee should accompany the Bid response document.	Tender document fee not mentioned ,plese give clarity		Please refer corrigendum
17	PSCDL RFP Vol 1, Section 2.8, Page 17			2.8 Earnest Money Deposit (EMD) / Bid Security: The bidder should also submit an EMD of Indian Rupees (Rupees one Crore only) in the form of Demand Draft or in the form of Bank Guarantee from a nationalized or scheduled bank in India.	You are requested to kindly provide bank details to submit Bank Guarantee.		Please refer corrigendum
18	I	3	40	3.5 subcluse 9 :Accreditations: The Sole Bidder/Consortium Member should have the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher b) ISO 9001: 2008 certification or higher or equivalent (Quality Management) c) ISO 27001 certification or higher or equivalent (Information Security Management)	The clause may be modified as: "The Sole Bidder/Consortium Member should have any two of the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher b) ISO 9001:2008 certification or higher or equivalent (Quality Management) c) ISO 27001 certification or higher or equivalent (Information Security Management)		Please refer corrigendum
19	Volume 1	3.5 Pre-Qualification Criteria 6. Average Annual Turnover	37	The Bidder should submit the following documents. 1. Audited Balance sheets for the last 3 years. 2. Certificate duly signed by the Auditor with the turnover details from the specific business areas over the last three financial years.	<u>Kindly modify to:</u> The Bidder should submit the following documents. 1. Audited Balance sheets for the last 3 years. 2. Certificate duly signed by the Auditor/ Chartered Accountant with the turnover details from the specific business areas over the last three financial years.		Please refer corrigendum
20	Volume 1	3.5 Pre-Qualification Criteria 7. Network	38	7.1.1 Certificate from the statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).	<u>Kindly modify to:</u> 7.1.1 Certificate from the statutory auditor/ Chartered Accountant of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).		Please refer corrigendum
21	Volume 1	3.5 Pre-Qualification Criteria Important Note	41	2. In case project is on-going, a. Work-in-progress letter/certificate from client indicating project completion by 90% or more, in terms of financial (or) project scope perspective. b. Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 90% or more, in terms of financial (or) project scope perspective.	<u>Kindly Modify to:</u> 2. In case project is on-going, a. Work-in-progress letter/certificate from client indicating project completion by 70% or more, in terms of financial (or) project scope perspective. <u>OR</u> b. Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 70% or more, in terms of financial (or) project scope perspective.		Please refer corrigendum

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22	Volume-I Instruction to Bidder	3.5	33-51	3.5 Pre-Qualification Criteria and 3.6 Technical Evaluation Framework	We urge you to consider Model RFP 2.0 from MoHUA for qualification and evaluation Criteria and add the following from guideline: Bidders can claim the technical experience of their parent/ subsidiary company, only if : a) They are wholly owned subsidiary of their parent Company b) Resolution/ Authorization form Board of Parent/subsidiary company is submitted authorizing use of Parent/subsidiary company experiences along with declaration that the parent/ subsidiary company will support during project tenure. c) Consolidated Balance Sheet for the last 3 (three) financial years is submitted to establish Parent-Subsidiary relationship d) Shareholding pattern of the bidding entity as per audit reports.		Please refer corrigendum
23	Volume-I Instruction to Bidder	3.5	33-51	3.5 Pre-Qualification Criteria and 3.6 Technical Evaluation Framework	As per THE OFFICIAL SECRETS ACT, 1923, all Projects of National Importance have in place NDA or Confidentiality Clause, hence submission of docs like LOA/PO/COC/ BOQ/Client Certificate etc is not permissible to any third party. Therefore, we request to allow below clause, wherever NDA or confidentiality clause prevails: "Certificate/undertaking on Bidders letter head duly for both executed and ongoing projects mentioning Project Name, SOW, High Level BOQ, Project Status, Project Start Date/End Date duly endorsed and signed by one of the Board of Directors/CS of Bidder (Name of Signatory should reflect in Ministry of Corporate Affairs website)".		Please refer corrigendum
24	Volume-I Instruction to Bidder	3.5, SI No. 13	40	Accreditations The Sole Bidder/ Consortium Member should have the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher b) ISO 9001:2008 certification or higher or equivalent (Quality Management) c) ISO 27001 certification or higher or equivalent (Information Security Management)	We hereby request honorable committee to accept either of the following minor change reg CMMI Level 3 to ensure our participation as our CMMI Level 3 has expired and is in under renewal; " Bidder to submit Copy of Expired certificate along with copy of applied duly signed by authorized signatory/auditor. However selected MSI shall be binding to submit the valid certificate before the issuance of LOA." Or Kindly remove CMMI L3 from Pre-Qualification Criteria." Reference: Same clause is also accepted in previous Smart city Tenders like Moradabad Smart city.		Please refer corrigendum
25	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	34	Consortium Agreement (in case of Consortium) 2.1 The Bid can only be submitted by Consortium led by Lead Member. 2.2. In case of Consortium, the same shall be limited to two members in total. Including the Lead Member. 2.3. The Consortium member of one Consortium cannot be a member of another consortium which is also participating in this tender.	Consortium Agreement (in case of Consortium) 2.1 The Bid can only be submitted by Consortium led by Lead Member. 2.2. In case of Consortium, the same shall be limited to Three members in total. Including the Lead Member. 2.3. The Consortium member of one Consortium cannot be a member of another consortium which is also participating in this tender.		Please refer corrigendum

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26	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	37	The bidder should have Average Annual Turnover for last 3 audited financial years (2021-22, 2020-21, 2019-20). The bidder (if sole bidder) should have an average annual turnover of INR 160 Cr for last 3 audited financial years. In case of Consortium– Average Annual Turnover for last 3 audited financial years of all members together should be Minimum. INR 160 Crores out of which the Lead Bidder should have Minimum 120 Crores and the consortium member should have minimum 40 crores.	The bidder should have Average Annual Turnover for last 3 financial years (2022-23, 2021-22, 2020-21) The bidder (if sole bidder) should have an average annual turnover of INR 100 Cr for last 3 audited financial years. In case of Consortium– Average Annual Turnover for last 3 financial years of all members together should be Minimum. INR 160 Crores out of which the Lead Bidder should have Minimum 80 Crores and the consortium members should have minimum 10 crores each		Please refer corrigendum
27	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	37	The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).	The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three financial years (2022-23, 2021-22, 2020-21)		Please refer corrigendum
28	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	38	The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole)	The sole bidder / any consortium members / their OEM should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria 1.One project involving SITC of minimum 200 High Resolution Cameras 2.One project involving SITC of minimum 20 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC		Please refer corrigendum
29	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	40	The Sole Bidder or Lead Member (In case of Consortium) should have a minimum number of 100 technically qualified IT professional Staff. Full Time Employee with experience in Software development, Networking, IT Infrastructure, System & Database Administration, Project Management experience) as on 31st March 2023 on its rolls in India.	The Sole Bidder or Lead Member (In case of Consortium) should have a minimum number of 30 technically qualified IT professional Staff. Full Time Employee with experience in Software development, Networking, IT Infrastructure, System & Database Administration, Project Management experience) as on 31st March 2023 on its rolls in India.		Please refer corrigendum

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30	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria	40	The Sole Bidder/ Consortium Member should have the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher b) ISO 9001:2008 certification or higher or equivalent (Quality Management) c) ISO 27001 certification or higher or equivalent (Information Security Management)	The Sole Bidder/ Consortium Member should have the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher (to be removed) b) ISO 9001:2008 certification or higher or equivalent (Quality Management) c) ISO 27001 certification or higher or equivalent (Information Security Management)		Please refer corrigendum
31	Volume I	3.5	42	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central gov/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or any consortium member shall have successfully executed or Ongoing project which should be minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city/ ICT in India/ abroad during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central gov/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores — 6 marks		Please refer corrigendum
32	Volume I	3.5	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Coll Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) — size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles —20 nos vii. Environmental Sensor — 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components -2 marks bj Any 4 components -4 marks c) Any 5 components -6 Marks d) Any 6 components - 8 Marks ej All 7 components -10 Marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project / Safe City Project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-Control center in the last Five (5) years. Ongoing projects To be considered if O&M is in scope of the project and project is under execution. i. Surveillance System/ITMS with 500 cameras. ii. Public Address (PA) System - 30 nos each. iii. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB)- 20 Nos iv. Smart Poles/ Emergency call box —10 nos v. Environmental Sensors Number of components implemented and integrated under single project and order. a) Any 3 components - 4 marks b) Any 4 components - 8 marks c) Any 5 components -10 Marks		Please refer corrigendum

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33	Volume I	3.5	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras -2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	We request to kindly modify the clause as mentioned below: The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/smart city Ongoing project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 100 cameras -2 marks b) 100 to 300 cameras - 4 marks c) 300 and more - 6 marks		Please refer corrigendum
34	Volume I	3.5	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers — 4 marks c) more than 100 controllers — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single Executed or Ongoing project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=10 to < 30 controllers - 2 marks b) >= 30 to < 50 controllers — 4 marks c) more than 50 controllers — 6 marks		Please refer corrigendum
35	Volume I	3.5	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. aj >=20 to 30 nos. -2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board (Removed >= 70 Sq.ft) The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. aj >=10 to 20 nos. -2 mark b) >=20 to 30 nos. -4 mark b) >=30 — 6 marks		Please refer corrigendum
36	Volume I	3.5	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. aj 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks.	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of State/ Central Govt Projects / Smart City ICCC project along with ITMS in a single project post Go-Live. a) Project value more than 50 Cr - 2 marks , b) Project value more than 75 Cr- 4 Marks, c) Project value more than 100 Cr - 6 Marks		Please refer corrigendum

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37	Volume I	3.5	42	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or any consortium member shall have successfully executed or Ongoing project which should be minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city/ ICT in India/ abroad during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores — 6 marks		Please refer corrigendum
38	Volume I	3.5	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project —2 marks b) 2 Projects — 4 marks c) 3 projects - 6 marks.	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city / Safe City of value not less than INR 50 crore each during the last 5 years. Ongoing projects To be considered. a) 1 project —2 marks b) 2 Projects — 4 marks c) 3 projects - 6 marks.		Please refer corrigendum
39	Volume I	3.5	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Coll Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) — size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles —20 nos vi. Environmental Sensor — 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components -2 marks bj Any 4 components -4 marks c) Any 5 components -6 Marks d) Any 6 components - 8 Marks ej All 7 components -10 Marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project / Safe City Project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-Control center in the last Five (5) years. Ongoing projects To be considered if O&M is in scope of the project and project is under execution. i. Surveillance System/ITMS with 500 cameras. ii. Public Address (PA) System - 30 nos each. iii. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB)- 20 Nos iv. Smart Poles/ Emergency call box —10 nos v. Environmental Sensors Number of components implemented and integrated under single project and order. a) Any 3 components - 4 marks b) Any 4 components - 8 marks c) Any 5 components -10 Marks		Please refer corrigendum

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40	Volume I	3.5	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India. a) 2 projects —2 marks b) 3 projects —4 marks c) 4 projects or more -6 marks	Please clarify if this is OEM experience ?		Please refer corrigendum
41	Volume I	3.5	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras -2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	We request to kindly modify the clause as mentioned below: The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/smart city Ongoing project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 100 cameras -2 marks b) 100 to 300 cameras - 4 marks c) 300 and more - 6 marks		Please refer corrigendum
42	Volume I	3.5	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers — 4 marks c) more than 100 controllers — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single Executed or Ongoing project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=10 to < 30 controllers - 2 marks b) >= 30 to < 50controllers — 4 marks c) more than 50 controllers — 6 marks		Please refer corrigendum
43	Volume I	3.5	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components or (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single Executed or Ongoing project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components — 6 marks		Please refer corrigendum

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44	Volume I	3.5	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. aj >=20 to 30 nos. -2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. — 6 marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board (Removed >= 70 Sq.ft) The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. aj >=10 to 20 nos. -2 mark b) >=20 to 30 nos. -4 mark b) >=30 — 6 marks		Please refer corrigendum
45	Volume I	3.5	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. aj 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any Ongoing project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 2 projects = 4 Marks c) 3 or more projects = 6 Marks		Please refer corrigendum
46	Volume I	3.5	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. aj 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks.	We request to kindly modify the clause as mentioned below: The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of State/ Central Govt Projects / Smart City ICC project along with ITMS in a single project post Go-Live. a) Project value more than 50 Cr - 2 marks , b) Project value more than 75 Cr- 4 Marks, c) Project value more than 100 Cr - 6 Marks		Please refer corrigendum
47	Volume i	3.5	37	The bidder should have Average Annual Turnover for last 3 audited financial years (2021-22, 2020-21, 2019-20) The bidder (if sole bidder) should have an average annual turnover of INR 160 Cr for last 3 audited financial years. In case of Consortium– Average Annual Turnover for last 3 audited financial years of all members together should be Minimum. INR 160 Crores out of which the Lead Bidder should have Minimum 120 Crores and the consortium member should have minimum 40 crores.	The bidder should have Average Annual consolidated Turnover for last 3 audited financial years (2021-22, 2020-21, 2019-20) The bidder (if sole bidder) should have an average annual turnover of INR 160 Cr for last 3 audited financial years. In case of Consortium– Average Annual Turnover for last 3 audited financial years of all members together should be Minimum. INR 100 Crores out of which the Lead Bidder should have Minimum 75 Crores and the consortium member should have minimum 25 crores. Note: parent Company and Its Subsidiary turnover shall be considered Please consider suggested changes in the interest of larger participation and		Please refer corrigendum
48	Volume i	3.5	37	The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).	The Sole Bidder/ All members of Consortium should have positive net worth company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20). Requesting you to Please change this clause and remove profit making clause as last three years have been very difficult for Industry due to Covid-Pandemic		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
49	Volume i	3.5	38	<p>The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in</p> <p>at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole) 	<p>The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in</p> <p>at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 100 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 40 ITMS/SVD/ANPR/RLVD Cameras 4.One project involving SITC of minimum ATCS/ITMS in 10 Junctions 5.One project involving laying of minimum 30 KM OFC 6.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole) 7. One Project Involving Implementation of Integrated Command and Control Center 8. One Project involving of Integration of E-Challan 9. One project Involving of Payment portal and Gateway <p>Request you to please amend this criteria in interest of larger participation and not restricting other bidders.</p>		Please refer corrigendum
50	Volume - 1	3.5 Pre-Qualification Criteria	37	<p>S.No - 7. The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).</p> <p>7.1.1 Certificate from the statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).</p>	<p>Post covid repercussion, many companies were not in profits due to increased financial costs and interests levied. Hence, we request the Dept to relax this clause and ask for Operational Profit (EBITDA) instead of profit after tax for the last 3 audited financial years.</p>		Please refer corrigendum
51	Volume - 1	3.5 Pre-Qualification Criteria	38-39	<p>S.No - 9. Project Experience - The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any central/ State gov/PSU in at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole) 	<p>To allow more prospective bidders to participate in the bid, please relax this clause and amend some of the requirements as follows to meet atleast 3 areas as asked.</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 250 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade / Normal Switches 4.One project involving SITC of minimum 20 RLVD/SVD Cameras 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
52	Volume - 1	3.5 Pre-Qualification Criteria	40	S.No- 13. Accreditations - The Sole Bidder/ Consortium Member should have the following valid certifications as on date of bid submission. a) CMMI Level 3 or Higher b) ISO 9001:2008 c) ISO 27001 certification	As this project is more of System Integration nature and less related to software development, we request the Dept to delete CMM Level3 certification from this clause.		Please refer corrigendum
53	Volume 1 - Instruction to the bidders	3.5 Pre-Qualification Criteria & 3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	33 & 41	Additional clause for considering Parent Company Experience	A standard clause that allows bidders to use Parent / Subsidiary / Sister Concern in all major Smart city RFP's is missing this this RFP. Few of such Smart City tenders that allowed bidders to use Parent / Subsidiary / Sister Concern are Agartala, Patna, Aligarh, Biharsharif, Saharanpur, PMIDC. We request RailTel to include the following clause that allows bidders to use Parent / Subsidiary / Sister Concern experience. <i>In case the experience shown is that of the bidder's parent / subsidiary /sister concern company, than the following additional documents are required:</i> <ul style="list-style-type: none"> • Certificate signed by the Company Secretary/statutory Auditor/2 Board of Directors of the bidder certifying that the entity whose experience is shown is parent/subsidiary/sister concern Company. • Shareholding pattern of the bidding entity as per audit reports. <i>For the purpose of evaluations, bidders are allowed to submit experience in terms of financial and technical qualification of their holding (parent) company or subsidiary company or Sister Concern only.</i> <i>a. a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and</i> <i>b. a 'subsidiary company' in relation to any other company (that is to say the holding company), means a company in which the holding company—</i> <i>(a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its own</i> <i>c. a 'sister concern' in relation to Bidder Company, means a company whose holding company is same as bidder's holding company and holding company (a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its</i>		Please refer corrigendum
54	Vol I	3.5 Pre-Qualification Criteria,(sl no 8) domain experience	38	The Sole Bidder/All members of Consortium (In case of Consortium) ,should have operations in Information and Communication Technology domain in India at least for the last 5 years as on the date of bid submission	This criteria only supports bid organization having less experience in this domain thus bidder should be evaluated on their experience thus we request you to amend the clause as : The Sole Bidder/Any members of Consortium (In case of Consortium) ,should have operations in Information and Communication Technology domain in India at least for the last 7 years as on the date of bid submission	This clause will limit the participation. This criteria only supports bid organization having less experience in this domain thus bidder should be evaluated on their experience	Please refer corrigendum
55	vol-1	3.5 Pre-Qualification Criteria,(sl no 8) domain experience	38	The Sole Bidder/All members of Consortium (In case of Consortium) should have operations in Information and Communication Technology domain in India at least for the last 5 years as on the date of bid submission	The Sole Bidder/Any members of Consortium (In case of Consortium) should have operations in Information and Communication Technology domain in India at least for the last 7 years as on the date of bid submission		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
56	Volume 1	3.5 Pre-Qualification Criteria, PQ6 Average Annual Turnover	37	The Bidder should submit the following documents. 1. Audited Balance sheets for the last 3 years. 2. Certificate duly signed by the Auditor with the turnover details from the specific business areas over the last three financial years.	Request you please allow CA certificate as well and modify the clause as "The Bidder should submit the following documents. 1. Audited Balance sheets for the last 3 years. 2. Certificate duly signed by the Charatered Accountant/Auditor with the turnover details from the specific business areas over the last three financial years.		Please refer corrigendum
57	Volume 1	3.5 Pre-Qualification Criteria, PQ7 Net worth	37	In case of Sole Bidder, The Sole Bidder should furnish 7.1.1 Certificate from the statutory auditor of Sole Bidder ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20). In case of Consortium, all members of Consortium should furnish 7.1.1 Certificate from the statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).	Request you please allow CA certificate as well and modify the clause as "In case of Sole Bidder, The Sole Bidder should furnish 7.1.1 Certificate from the Charatered Accountant/statutory auditor of Sole Bidder ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021- 22, 2020-21, 2019-20). In case of Consortium, all members of Consortium should furnish 7.1.1 Certificate from the Charatered Accountant/statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20)."		Please refer corrigendum
58	Volume 1	3.5 Pre-Qualification Criteria, PQ11 Presence in Puducherry	39	11.1 The Sole Bidder or Lead Member (in case of Consortium) should have a local office in Puducherry. 11.2 If the Sole Bidder or Lead Member (in case of Consortium) does not have an office in Puducherry as on date of submission of bid. The Sole Bidder or Lead Member (in case of Consortium), if selected, will be required to open an office within 15 days from Issue of LOA. Mandatory documentary evidence to be Submitted: In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Member of Consortium should furnish - In case of having presence in Puducherry. 11.1.1 Copy of the Sale deed/Rent/Lease Agreement /latest Landline Telephone bills signed by Authorized Signatory of the Sole Bidder/ Lead Member of Consortium. In case of not having presence in Puducherry. 11.2.1 Undertaking to be given for setting up the local office in Puducherry within 15 days from the date of issue of LOA.	In order to set up a office in a city, this involves many critical activities like GST registration, Identification of th area, registartion of office place etc. which requires a duration of 30-60 days. Therefore, request you to please modify the clause as "11.1 The Sole Bidder or Lead Member (in case of Consortium) should have a local office in Puducherry. 11.2 If the Sole Bidder or Lead Member (in case of Consortium) does not have an office in Puducherry as on date of submission of bid. The Sole Bidder or Lead Member (in case of Consortium), if selected, will be required to open an office from 30 days of contract agreement within 15 days from Issue of LOA. Mandatory documentary evidence to be Submitted: In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Member of Consortium should furnish - In case of having presence in Puducherry. 11.1.1 Copy of the Sale deed/Rent/Lease Agreement /latest Landline Telephone bills signed by Authorized Signatory of the Sole Bidder/ Lead Member of Consortium. In case of not having presence in Puducherry. 11.2.1 Undertaking to be given for setting up the local office in Puducherry from 30 days of contract gareement within 15 days from the date of issue of LOA.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
59	Volume-1	3.5 Pre-Qualification Criteria	37	<p>PQ7:Net worth: The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).</p>	<p>The financial stability of an organization is must for the success of project. We request that minimum net worth value should be considered and specified for eligibility.</p> <p>Recommended Revised Criteria: PQ7:Net worth: The Sole Bidder/ All members of Consortium should have 15 Crore net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).</p>		Please refer corrigendum
60	Volume-1	3.5 Pre-Qualification Criteria	38	<p>PQ9: Project Experience The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole)</p> <p>Mandatory documentary evidence to be Submitted</p> <p>The sole bidder or any consortium members should submit the following documents. 1. Work order/signed contract and client</p>	<p>The given criteria brings limited value addition from eligibility perspective as it is open ended as a bidder can showcase the said sub-system experience collectively from multiple projects. Instead of specifying smart poles, the criterion should include the Central Application Platform along with its integrations with sub-systems involved in the project which are critical from overall solution delivery perspective. We request that the Bidder (either sole bidder or any member of the Consortium) should be an OEM of ICCC and/or ITMS Central Platform, in order to have the bids from Bidders who actually developed and understand technology rather than considering Bidders who act as aggregators.</p> <p>Recommended Revised Criteria: PQ9: Project Experience The Sole bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live) a project of Integrated Traffic Management System (ITMS) Platform in last 7 years starting 1st Jan 2016 for any Central/State Government, Police, Municipality or Smart City. The ITMS Platform, should have been integrated with at least three of the below mentioned sub-systems in a city project. The qualified project should be of minimum value of INR 20 Crores with ITMS Platform and associated integrations being part of it. The project should have been in Operations & Maintenance (DLP/AMC) for at least 3 year after completion (Go-Live).</p> <p>List of Sub-systems: •Integration with RLVD (Red Light Violation Detection) System with at least 20 stop line violation detection cameras along with ANPR. •Integration with SVD (Speed Violation Detection) System with at least 20 speed detection cameras along with ANPR.</p> <p>Information dissemination to road users with at least 20 VMS (Variable</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
61	Volume-1	3.5 Pre-Qualification Criteria	40	<p>PQ12: Manpower Strength: The Sole Bidder or Lead Member (In case of Consortium) should have a minimum number of 100 technically qualified IT professional Staff. Full Time Employee with experience in Software development, Networking, IT Infrastructure, System & Database Administration, Project Management experience) as on 31st March 2023 on its rolls in India.</p> <p>Mandatory documentary evidence to be Submitted In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Consortium member should furnish -</p> <p>12.1.1 Certificate from authorized person in HR Department of the Sole Bidder/ Lead Member of Consortium for exact number of technically qualified IT professional staff on the rolls of the company as on 31st March 2023 and educational degree.</p>	<p>ATCS system is key for traffic congestion reduction, and is also the direct interface with road users helping reducing travel time. Since ATCS is an important component in this project, there is no ATCS related specific criterion in PQ. So we recommend to replace the existing manpower strength criteria with ATSC criteria as per below:</p> <p>Recommended Revised Criteria: PQ12: Project Experience – Adaptive Traffic Control System (ATCS) The Sole Bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live), at least 1 project of Implementation of ATCS (Area Traffic Control System), consisting of at least 100 intersections in a single project for any Central/State Government, Police, Municipality or Smart City in last 7 years starting 1st Jan 2016 with minimum value of INR 20 Crores. The qualified project, should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live). Mandatory documentary evidence to be Submitted In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Consortium member should furnish -</p> <ul style="list-style-type: none"> •Work order / contract clearly highlighting the scope of work and value of the contract. <p>And</p> <ul style="list-style-type: none"> •Completion Certificate/ Commission Certificate issued and signed by the authorized signatory of client. 		Please refer corrigendum
62	Vol I	3.5	37	<p>Pre-Qualification Criteria -7. Networth-Details - The Sole Bidder/ All members of Consortium should have positive net worth <u>and</u> should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY2019-20). Mandatory documentary evidence to be Submitted- In case of Sole Bidder, The Sole Bidder should furnish 7.1.1 Certificate from the statutory auditor of Sole Bidder ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021- 22, 2020-21, 2019-20). In case of Consortium, all members of Consortium should furnish 7.1.1 Certificate from the statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).</p>	<p>Pre-Qualification Criteria -7. Networth-Details - The Sole Bidder/ All members of Consortium should have positive net worth <u>OR</u> should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY2019-20). Mandatory documentary evidence to be Submitted- In case of Sole Bidder, The Sole Bidder should furnish 7.1.1 Certificate from the statutory auditor of Sole Bidder ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021- 22, 2020-21, 2019-20). In case of Consortium, all members of Consortium should furnish 7.1.1 Certificate from the statutory auditor of all Consortium Members ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021-22, 2020-21, 2019-20).</p>	The Sole Bidder/ all members of Consortium should have positive net worth for all 4 last audited financial years and should be a profit-making company for any 3 of the last 4 audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20, FY2018-19).	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
63	Vol I	3.5	37	<p>Pre-Qualification Criteria -13. Accreditations Details - The Sole Bidder/Consortium Member should have the following valid certifications as on date of bid submission.</p> <p>a) CMMI Level 3 or Higher b) ISO 9001:2008certification or higher or equivalent (QualityManagement) c) ISO 27001 certification or higher or equivalent (Information SecurityManagement) Mandatory documentary evidence to be Submitted- In case of Sole Bidder, The Sole Bidder should furnish- 13.1.1 Copy of the Certificate(s) signed and stamped by the Authorized Signatory of the Sole Bidder. In case of Consortium, any Consortium member should furnish- 13.1.1 Copy of the Certificate(s) signed and stamped by the Authorized Signatoryof the Lead Member of Consortium.</p>	<p>Pre-Qualification Criteria -13. Accreditations Details - The Sole Bidder/Consortium Member should have any 3 out of the 4 following valid certifications as on date of bid submission.</p> <p>a) CMMI Level 3 or Higher b) ISO 9001:2008certification or higher or equivalent (QualityManagement) c) ISO 27001 certification or higher or equivalent (Information SecurityManagement) d)ISO 20000 Certification or higher or equivalent Mandatory documentary evidence to be Submitted-In case of Sole Bidder, The Sole Bidder should furnish- 13.1.1 Copy of the Certificate(s) signed and stamped by the Authorized Signatory of the Sole Bidder. In case of Consortium, any Consortium member should furnish- 13.1.1 Copy of the Certificate(s) signed and stamped by the Authorized Signatoryof the Lead Member of Consortium.</p>	Request to give an option of any 3 certifications out of 4 by adding "ISO 20000:2018" to the list	Please refer corrigendum
64	RFP Vol-I	3.5 Technical Evaluation Framework, 3.6.1 Technical Bid Evaluation Criteria, S.no '5' ICCO OEM Experience	44	<p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p> <p>The Bidder should submit the following documents dulyindicating OEMdetails. 1. P.O Copy and CompletionCertificate / Installation Notes/UAT Certificates from the MSI / SI as documentary proof.</p>	<p>The requirement must focus on ICCO OEM Experience in smart cities and not on the Bidder with proposed OEM. We request to kindly consider the below clause for proven ICCO OEM Experience criteria.</p> <p>The ICCO OEM Experience Proposed ICCO Platform should be implemented & operational for at least 1 year in smart cities implemented in India.</p> <p>a) 04 ICCO Projects-2 Marks. b) 05 ICCO Projects – 4 Marks c) 06 ICCO Projects -6 marks</p> <p>Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
65	RFP Vol-I	3.5 Technical Evaluation Framework, 3.6.1 Technical Bid Evaluation Criteria, S.no '5' ICCO OEM Experience		<p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementati on of ICCO with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p> <p>The Bidder should submit the following</p> <p>The requirement must focus on ICCO OEM Experience in smart cities and not on the Bidder with proposed OEM. We request to kindly consider the below clause for proven ICCO OEM Experience criteria.</p> <p>The ICCO OEM Experience Proposed ICCO Platform should be implemented & operational for at least 1 year in smart cities implemented in India.</p> <p>a) 04 ICCO Projects-2 Marks. b) 05 ICCO Projects – 4 Marks c) 06 ICCO Projects -6 marks</p> <p>Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof.</p>			Please refer corrigendum
66	Volume-1	3.5 Pre-Qualification Criteria	37	<p>PQ7:Net worth: The Sole Bidder/ All members of Consortium should have positive net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).</p>	<p>The financial stability of an organization is must for the success of project. We request that minimum net worth value should be considered and specified for eligibility.</p> <p>Recommended Revised Criteria: PQ7:Net worth: The Sole Bidder/ All members of Consortium should have 15 Crore net worth and should be a profit-making company for each of the last three audited financial years (FY 2021-22, FY 2020- 21, FY 2019-20).</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
67	Volume-1	3.5 Pre-Qualification Criteria	38	<p>PQ9: Project Experience</p> <p>The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole) <p>Mandatory documentary evidence to be Submitted</p> <p>The sole bidder or any consortium members should submit the following documents.</p> <ol style="list-style-type: none"> 1. Work order/signed contract and client 	<p>The given criteria brings limited value addition from eligibility perspective as it is open ended as a bidder can showcase the said sub-system experience collectively from multiple projects. Instead of specifying smart poles, the criterion should include the Central Application Platform along with its integrations with sub-systems involved in the project which are critical from overall solution delivery perspective. We request that the Bidder (either sole bidder or any member of the Consortium) should be an OEM of ICCC and/or ITMS Central Platform, in order to have the bids from Bidders who actually developed and understand technology rather than considering Bidders who act as aggregators.</p> <p>Recommended Revised Criteria:</p> <p>PQ9: Project Experience</p> <p>The Sole bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live) a project of Integrated Traffic Management System (ITMS) Platform in last 7 years starting 1st Jan 2016 for any Central/State Government, Police, Municipality or Smart City. The ITMS Platform, should have been integrated with at least three of the below mentioned sub-systems in a city project. The qualified project should be of minimum value of INR 20 Crores with ITMS Platform and associated integrations being part of it. The project should have been in Operations & Maintenance (DLP/AMC) for at least 3 year after completion (Go-Live).</p> <p>List of Sub-systems:</p> <ul style="list-style-type: none"> •Integration with RLVD (Red Light Violation Detection) System with at least 20 stop line violation detection cameras along with ANPR. •Integration with SVD (Speed Violation Detection) System with at least 20 speed detection cameras along with ANPR. <p>Information dissemination to road users with at least 20 VMS (Variable</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
68	Volume-1	3.5 Pre-Qualification Criteria	40	<p>PQ12: Manpower Strength: The Sole Bidder or Lead Member (In case of Consortium) should have a minimum number of 100 technically qualified IT professional Staff. Full Time Employee with experience in Software development, Networking, IT Infrastructure, System & Database Administration, Project Management experience) as on 31st March 2023 on its rolls in India.</p> <p>Mandatory documentary evidence to be Submitted</p> <p>In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Consortium member should furnish -</p> <p>12.1.1 Certificate from authorized person in HR Department of the Sole Bidder/ Lead Member of Consortium for exact number of technically qualified IT professional staff on the rolls of the company as on 31st March 2023 and educational degree.</p>	<p>ATCS system is key for traffic congestion reduction, and is also the direct interface with road users helping reducing travel time. Since ATCS is an important component in this project, there is no ATCS related specific criterion in PQ. So we recommend to replace the existing manpower strength criteria with ATSC criteria as per below:</p> <p>Recommended Revised Criteria:</p> <p>PQ12: Project Experience – Adaptive Traffic Control System (ATCS)</p> <p>The Sole Bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live), at least 1 project of Implementation of ATCS (Area Traffic Control System), consisting of at least 100 intersections in a single project for any Central/State Government, Police, Municipality or Smart City in last 7 years starting 1st Jan 2016 with minimum value of INR 20 Crores. The qualified project, should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live).</p> <p>Mandatory documentary evidence to be Submitted</p> <p>In case of Sole Bidder/ Lead Member of Consortium. The Sole Bidder/ Lead Consortium member should furnish -</p> <ul style="list-style-type: none"> •Work order / contract clearly highlighting the scope of work and value of the contract. And •Completion Certificate/ Commission Certificate issued and signed by the authorized signatory of client. 		Please refer corrigendum
69	Volume 1	3.6 Technical Evaluation Framework Notes	48	<p>a) If project is in progress/ongoing:</p> <ul style="list-style-type: none"> • Work-in-progress letter/certificate from client indicating project completion by 90% or more, in terms of financial (or) project scope perspective. • Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 90% or more, in terms of financial (or) project scope perspective 	<p><u>Kindly Modify to:</u></p> <p>2. In case project is on-going,</p> <p>a. Work-in-progress letter/certificate from client indicating project completion by 70% or more, in terms of financial (or) project scope perspective.</p> <p><u>OR</u></p> <p>b. Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 70% or more, in terms of financial (or) project scope perspective.</p>		Please refer corrigendum
70	Volume-I Instruction to Bidder	3.6, SI No. 1	42-43	<p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU</p> <p>Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 	<p>We request you to consider the following change:</p> <p>"The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city(e.g. Smart lighting, Smart parking, Smart Waste Management etc.) in India/Globally during last 5 years (Letter of Intent shall be on or after 1st May Jan. 2018) for any state/central govt/PSU.</p> <p>Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks" 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
71	Volume-I Instruction to Bidder	3.6, SI No. 2	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	We request you to consider the following change: "The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 3 marks b) 2 Projects – 6 marks"		Please refer corrigendum
72	Volume-I Instruction to Bidder	3.6, SI No. 4	43-44	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	We request you to consider the following change: "The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project/Projects of minimum value of 100 Cr projects put together including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics/ANPR-RLVD 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 3040 nos each together iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft– 20 Nos v. Flood Sensors -10 no's Rain sensor: nos. vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks"		Please refer corrigendum
73	Volume-I Instruction to Bidder	3.6, SI No. 6	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	We request you to consider the following change: "The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras put together in-a multiple projects related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single projects as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks"		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
74	Volume-I Instruction to Bidder	3.6, SI No. 7	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	We request you to consider the following change: "The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single multiple projects put together in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single multiple projects and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks"		Please refer corrigendum
75	Volume-I Instruction to Bidder	3.6, SI No. 8	44-45	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	We request you to consider the following change: "The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood rain sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks"		Please refer corrigendum
76	Volume-I Instruction to Bidder	3.6, SI No. 9	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. – 2 mark b) >=30 to <40 nos. – 4 marks c) >= 40 nos. – 6 marks	We request you to consider the following change: "The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. – 2 mark b) >=30 to <40 nos. – 4 marks c) >= 40 nos. – 6 marks"		Please refer corrigendum
77	Volume-I Instruction to Bidder	3.6, SI No. 10	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	We request you to consider the following change: "The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 2 projects = 4 Marks c) 5 3 or more projects = 6 Marks"		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
78	I	3.6	42	<p>2. Executing Large Information and Communication Technology projects</p> <p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 	<p>This clause may be modified as:</p> <p>2. Executing Large Information and Communication Technology projects</p> <p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth from multiple projects related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 		Please refer corrigendum
79	I	3.6	42	<p>2. Executing Large Information and Communication Technology projects</p> <p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 	<p>This clause may be modified as:</p> <p>2. Executing Large Information and Communication Technology projects</p> <p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city/IT/ICT/Telecom in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 		Please refer corrigendum
80	I	3.6	43	<p>The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years</p> <ol style="list-style-type: none"> a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks. 	<p>This clause may be modified as below:</p> <p>"The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project during the last 5 years</p> <ol style="list-style-type: none"> a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks." 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
81	I	3.6	43	<p>4. Integration Experience Smart City The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD)/Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>This clause may be modified as below: 4. Integration Experience Smart City/IT/ITMS The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years.</p> <p>i. Surveillance System with 100 cameras. ii. Camera With Edge Analytics 25 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 20 nos each iv. Variable Message Display (VMD)/Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 10 Nos v. Flood Sensors :10 no's vi. Smart Poles – 10 nos vii. Environmental Sensor – 5 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>		Please refer corrigendum
82	I	3.6	44	<p>5. ICCO OEM Experience The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>	<p>This clause can be modified as: The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC/CCC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>		Please refer corrigendum
83	I	3.6	45	<p>9. VMD Implementation The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks</p>	<p>This clause may be modified as below: 9. VMD Implementation The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 10 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=10 to 20 nos. - 2 mark b) >=20 to <30 nos. - 4 marks c) >= 30 nos. – 6 marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
84	Volume - 1	3.6 Technical Evaluation Framework	42	S.No - 1. Financial Strength - The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 audited financial years (2021-22, 2020-21, 2019-20) (in INR) Marks shall be allotted as follows: a. >160 Crores and < 250 Crores - 2 marks. b. >=250 Crores and <350 Crores - 4 marks c. >=350 Crores - 6 marks	Please amend the marking system of this clause as follows to allow more participants in this bid. a. >=125 Crores and <150 Crores - 2 marks. b. >=150 Crores and <175 Crores - 4 marks c. >=175 Crores - 6 marks		Please refer corrigendum
85	Volume - 1	3.6 Technical Evaluation Framework	42-43	S.No - 2. Executing Large Information and Communication Technology projects - The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores - 6 marks	Please amend this clause as follows to allow more participants in this bid. Executing Large Information and Communication Technology projects - The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city / Networking / BBNL / FiberGrid in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores - 6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
86	Volume - 1	3.6 Technical Evaluation Framework	43	<p>S.No-4. Integration Experience- Smart City - The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years.</p> <p>i.Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>Please amend this clause as follows to allow more participants in this bid.</p> <p>Integration Experience- Smart City - The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 70 Cr project including O&M phase since last 6 months or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years.</p> <p>i.Surveillance System with 250 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System / Emergency Call Box (ECB) - 40 nos iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >=50 Sq. Ft - 5 Nos v. Environmental Sensor – 5 Nos</p> <p>Please delete the components - flood sensors and smart poles from this clause and allot the marks as below. Number of components implemented and integrated under single project and order. a) Any 3 components - 5 marks b) Any 4 components - 7.5 marks c) Any 5 components - 10 Marks</p>		Please refer corrigendum
87	Volume - 1	3.6 Technical Evaluation Framework	44	<p>S.No- 5.ICCC OEM Experience - The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>	<p>Please amend the marking system of this clause as follows to allow more participants in this bid.</p> <p>a) 1 project – 2 marks b) 2 projects – 4 marks c) 3 projects or more - 6 marks</p>		Please refer corrigendum
88	Volume - 1	3.6 Technical Evaluation Framework	44	<p>S.No- 6. TES Implementation - The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/ Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks</p>	<p>Please amend the marking system of this clause as follows to allow more participants in this bid.</p> <p>a) 30 to 150 cameras - 2 marks b) 151 to 300 cameras - 4 marks c) 300 and more - 6 marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
89	Volume - 1	3.6 Technical Evaluation Framework	44	S.No- 7. ATCS Experience - The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Please amend this clause as follows to allow more participants in this bid. ATCS Experience - The sole bidder or the consortium (members together) should have managed 10 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order as follows: a) >= 10 to < 15 controllers - 2 marks b) >= 15 to <20 controllers – 4 marks c) more than 20 controllers – 6 marks		Please refer corrigendum
90	Volume - 1	3.6 Technical Evaluation Framework	44	S.No - 8. IoT Implementation Experience - The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	Please amend this clause as follows to allow more participants in this bid. IoT Implementation Experience - The sole bidder or the consortium (members together) shall have integrated minimum 300 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >= 300 to <350 IoT Components - 2 marks b) > 350 to <400 IoT components - 4 marks c) >400 IoT components – 6 marks		Please refer corrigendum
91	Volume - 1	3.6 Technical Evaluation Framework	45	S.No-9. VMD Implementation - The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 marks b) >=30 to <40 nos. - 4 marks c) >= 40 nos. - 6 marks	Please amend this clause as follows to allow more participants in this bid. The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 5 VMD's /Outdoor Digital Display Board >= 50 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=5 to 10 nos. - 2 marks b) >=10 to <15 nos. - 4 marks c) >= 15 nos. - 6 marks		Please refer corrigendum
92	Volume - 1	3.6 Technical Evaluation Framework	45	S.No-10. MeitY Cloud Hosting Implementation - The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	Please delete this clause and adjust the marks in other criteria.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
93	Volume - 1	3.6 Technical Evaluation Framework	45	S.No-11. O&M activity of Smart City - The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.	Please amend this clause as follows to allow more participants in this bid. O&M activity of Smart City - The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 6 months O&M completed- 2 marks b) 1 year O&M completed- 4 marks c) 2 years and above O&M completed -6 marks.		Please refer corrigendum
94	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	3.6.1 Technical Bid Evaluation Criteria The following sections explain how the bidders shall be evaluated on each of the evaluation criteria:	The Technical Evaluation Framework set by RailTel for this project is exceptionally high as compared to the project scope. The Technical Evaluation parameters are entirely different from than parameters defined under Original RPF from Department of Revenue and Disaster Management (DRDM) / Puducherry Smart City Development Limited (PSCDL). Being a QCBS tender, such a tough Framework is discouraging participation. Hence we request RailTel to kindly retain the Technical Evaluation Framework from Original RPF.		Please refer corrigendum
95	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	42	1. Financial Strength The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 audited financial years (2021-22, 2020-21, 2019-20) (in INR) Marks shall be allotted as follows: a. >160 Crores and < 250 Crores - 2 marks. b. >=250 Crores and <350 Crores - 4 marks c. >=350 Crores - 6 marks	The Average Annual Turnover is more than double as compared to original RPF from Department of Revenue and Disaster Management (DRDM), Puducherry against which RailTel was awarded the contract. We request RailTel to kindly retain the same Average Annual Turnover from Original RPF as under: Annual Turnover and Net Worth a) The bidder shall possess an average annual turnover of INR 60 Crores over the last three (3) financial years (2018-19, 2019-20 and 2020-21) Specific Business Areas Specific Business Areas ICT Infrastructure (including Data Centers), IT system integration services. Turnover Marks More than INR 136 Cr - 6 Marks >INR 85 Cr to <= INR 136 Cr - 4 Marks >INR 68 to <= INR 85Cr - 2 Marks		Please refer corrigendum
96	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	42	2. Executing Large Information and Communication Technology projects The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores - 6 marks	The requirement of executing Large Information and Communication Technology projects is again very high. The original RPF from Department of Revenue and Disaster Management (DRDM) did not have such criteria as part of Technical Bid Evaluation Criteria		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
97	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	43	<p>4. Integration Experience- Smart City</p> <p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>The requirement of Integration Experience is very specific. There is hardly any project available in India which has similar scope and specific quantities. The clause is also not in line with Original RPF from Department of Revenue and Disaster Management (DRDM). Being a QCBS tender, such a requirement is discouraging participation. We request RailTel to kindly retain Integration Experience- Smart City clause as under:</p> <p>4. Integration Experience- Smart City <i>The bidder should have been awarded and successfully executed integration at least two (2) components having bi-directional integration from the list below with command and Control center in the last seven (7) years</i></p> <p>a) Surveillance System, b) Parking System, c) Intelligent Integrated Solid Waste Management System, d) Water & Power SCADA, e) Smart Governance, f) Vehicle Tracking System, g) Traffic Signal / Traffic Enforcement System / e-Challan, h) Smart Lighting / LED Lights, i) Geographical Information System (GIS) j) Smart pole with wifi, k) PA system /environmental sensor l) Variable Message Display (VMD),</p> <p><i>Number of Integrations Marks</i> <i>> 5 components integrations 12</i> <i>5 components integrations 10</i></p>		Please refer corrigendum
98	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	44	<p>The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years.</p> <p>Marks shall be allocated based on the number of controllers under a single project and order. as follows:</p> <p>a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p>	<p>The experience of ATCS System asked in the Technical Bid Evaluation Criteria is nearly 5 times of the requirement of current project scope. We request RailTel to kindly retain the ITMS Experience from Original RPF.</p> <p>ITMS Experience <i>Experience in implementation of integrated Traffic Management System involving minimum 25 junctions / locations comprising any of the following key components, Traffic Violation Detection System with E-Challan generation, ANPR, SVD, Adaptive Traffic Signal Control System, Variable Message Signboards etc.</i></p> <p><i>Number of Projects Marks</i> <i>> 3 projects 6</i> <i>3 projects 4</i> <i>2 projects 2</i> <i>Else 0</i></p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
99	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD,Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	We request RailTel to also include Smart UPS as part Technical Bid Evaluation Criteria as the same is part of current project scope and modify the clause as under: <i>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD,Camera, Environmental sensor, Smart Light, Smart UPS) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</i>		Please refer corrigendum
100	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	The original RFP from Department of Revenue and Disaster Management (DRDM) asked for Data Centre experience, hence we request RailTel to kindly retain the Experience criteria from Original RFP. Design, Build and Maintenance of Data center <i>Design, Build and Maintenance of Data Center- The bidder should have been awarded and successfully executed a project related to implementation or management of IT Infrastructure for data center for Central / State Government/Union Territories/PSUs in India / Reputed Indian Companies (where the Annual Turnover of the Company in last three Financial years (2018-19, 2019-20 and 2020-21) must be greater than INR 60 Crore) having a minimum value of INR 2 Crores each in the last seven (7) years (from the date of submission of bid). The Data Center shall be of minimum Tier II. Number of Projects Marks > 3 projects 6 3 projects 4 2 projects 2 Else 0</i>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
101	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCO project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.	We would like to highlight that most of the Smart City projects have gone live just 2 to 3 years ago hence having an O&M experience in Smart City's is very difficult. We request RailTel to kindly retain the Experience of ICCO O&M from Original RFP. Design, Build and Maintain of Integrated Command and Control Centre <i>Design, Build and Maintain Integrated Command and Control Centre-The bidder should have experience of setting up or Operations and Maintenance (O&M) of a project covering Data center Equipment/ Integrated command and control room /emergency response center / Security and Surveillance control room/ City wide NOC/Expansion of City wide NOC/Surveillance control room built for Central / State Government/Union Territories/PSUs in India/Reputed Indian Companies (where the Annual Turnover of the Company in last three financial years (2018- 19, 2019-20 and 2020-21) must be greater than INR 60 Crore) as on Bid Submission date of value not less than INR 25 Crore each.</i> <i>Number of Projects Marks</i> <i>> 4 project 10</i> <i>4 project 8</i> <i>3 project 6</i> <i>2 project 4</i> <i>1 project 2</i> <i>Else 0</i>		Please refer corrigendum
102	vol 1	,section no-3.6 Technical Evaluation Framework	43	Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos	This contented to be removed from Criteria Category (Integration Experience Smart City)		Please refer corrigendum
103	vol-1	3.6 Technical Evaluation Framework	41	Section Evaluation Criteria Total Marks Minimum Sectional Qualifying Marks A. Bidder Credentials 70 NA B. Technical Solution Approach & Methodology Project Presentation Proof of Concept 30 NA Overall Technical Score 100 /60	Section Evaluation Criteria Total Marks Minimum Sectional Qualifying Marks A. Bidder Credentials 70 NA B. Technical Solution Approach & Methodology Project Presentation Proof of Concept 30 eligbite marks should be 25 Overall Technical Score 100 /60		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
104	Vol I	3.6 Technical Evaluation Framework	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Markd) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Request for Deletion or correct to encourage the number of participants /The sole bidder or the consortium (members) should have been awarded the receipt / work order city surveillance project with the vaule of 50 cr and above for last 7 years .	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said souldtions has already been implemented in varous project not limited to smart city .	Please refer corrigendum
105	Vol I	3.6 Technical Evaluation Framework	41	Section Evaluation Criteria Total Marks Minimum Sectional Qualifying Marks A. Bidder Credentials 70 NA B. Technical Solution Approach & Methodology Project Presentation Proof of Concept 30 NA Overall Technical Score 100 /60	The sole bidder or the consitum member under the section evaluation criteria total Marks Minimum Sectional Qualifying Marks In most tenders, particularly in Technical qualifications, the User Department establishes a standard for the Proof of Concept (POC), Presentation, Approach & Methodology to select the best bidder which is the objective of the tender. However, not having a minimum mark requirement in Technical qualifications allows for mediocre competition, potentially compromising the overall quality of the project. Implementing minimum marks serves as a tool to emphasize the track record and competencies of the bidders, ensuring that they possess the necessary capabilities to successfully execute the project. Therefore, we kindly request the authorities to consider implementing a standardized minimum qualifications marks to enhance a quality to encourage a healthy competition among the bidders.	This clause will limit the participation.	Please refer corrigendum
106	vol-1	3.6 Technical Evaluation Framework	41	Section Evaluation Criteria Total Marks Minimum Sectional Qualifying Marks A. Bidder Credentials 70 NA B. Technical Solution Approach & Methodology Project Presentation Proof of Concept 30 NA Overall Technical Score 100 /60	Section Evaluation Criteria Total Marks Minimum Sectional Qualifying Marks A. Bidder Credentials 70 NA B. Technical Solution Approach & Methodology Project Presentation Proof of Concept 30 eligbite marks should be 25 Overall Technical Score 100 /60		Please refer corrigendum
107	vol 1	,section no-3.6 Technical Evaluation Framework	43	Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos	This contented to be removed from Criteria Category (Integration Experience Smart City)		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
108	Volume-1	3.6 Technical Evaluation Framework	42	<p>• Bidder getting Technical Score of 60% will qualify for Commercial Evaluation stage subject to the below., Note: Authority (or a nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder. The following sections explain how the Bidders shall be evaluated on each of the evaluation criteria</p>	<p>We request to increase the cut off marks from 60% to 80% in order to get technically competent and strong bidders, ensuring quality and success of the project.</p> <p>Recommended Revised Criteria:</p> <p>• Bidder getting Technical Score of 80% will qualify for Commercial Evaluation stage subject to the below., Note: Authority (or a nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder. The following sections explain how the Bidders shall be evaluated on each of the evaluation criteria</p>		Please refer corrigendum
109	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	<p>3.6.1 Technical Bid Evaluation Criteria The following sections explain how the bidders shall be evaluated on each of the evaluation criteria:</p>	<p>The Technical Evaluation Framework set by RailTel for this project is exceptionally high as compared to the project scope. The Technical Evaluation parameters are entirely different from than parameters defined under Original RFP from Department of Revenue and Disaster Management (DRDM) / Puducherry Smart City Development Limited (PSCDL).</p> <p>Being a QCBS tender, such a tough Framework is discouraging participation. Hence we request RailTel to kindly retain the Technical Evaluation Framework from Original RFP.</p>		Please refer corrigendum
110	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	42	<p>1. Financial Strength The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 audited financial years (2021-22, 2020-21, 2019-20) (in INR) Marks shall be allotted as follows: a. >160 Crores and < 250 Crores - 2 marks. b. >=250 Crores and <350 Crores - 4 marks c. >=350 Crores - 6 marks</p>	<p>The Average Annual Turnover is more than double as compared to original RFP from Department of Revenue and Disaster Management (DRDM), Puducherry against which RailTel was awarded the contract. We request RailTel to kindly retain the same Average Annual Turnover from Original RFP as under:</p> <p>Annual Turnover and Net Worth a) The bidder shall possess an average annual turnover of INR 60 Crores over the last three (3) financial years (2018-19, 2019-20 and 2020-21) Specific Business Areas Specific Business Areas ICT Infrastructure (including Data Centers), IT system integration services.</p> <p>Turnover Marks More than INR 136 Cr - 6 Marks >INR 85 Cr to <= INR 136 Cr - 4 Marks >INR 68 to <= INR 85Cr - 2 Marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
111	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	42	2. Executing Large Information and Communication Technology projects The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks	The requirement of executing Large Information and Communication Technology projects is again very high. The original RPF from Department of Revenue and Disaster Management (DRDM) did not have such criteria as part of Technical Bid Evaluation Criteria		Please refer corrigendum
112	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	43	4. Integration Experience- Smart City The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	The requirement of Integration Experience is very specific. There is hardly any project available in India which has similar scope and specific quantities. The clause is also not in line with Original RPF from Department of Revenue and Disaster Management (DRDM). Being a QCBS tender, such a requirement is discouraging participation. We request RailTel to kindly retain Integration Experience- Smart City clause as under: 4. Integration Experience- Smart City <i>The bidder should have been awarded and successfully executed integration at least two (2) components having bi-directional integration from the list below with command and Control center in the last seven (7) years</i> a) Surveillance System, b) Parking System, c) Intelligent Integrated Solid Waste Management System, d) Water & Power SCADA, e) Smart Governance, f) Vehicle Tracking System, g) Traffic Signal / Traffic Enforcement System / e-Challan, h) Smart Lighting / LED Lights, i) Geographical Information System (GIS) j) Smart pole with wifi, k) PA system /environmental sensor l) Variable Message Display (VMD), <i>Number of Integrations Marks</i> <i>> 5 components integrations 12</i> <i>5 components integrations 10</i>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
113	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	44	<p>The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years.</p> <p>Marks shall be allocated based on the number of controllers under a single project and order. as follows:</p> <p>a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p>	<p>The experience of ATCS System asked in the Technical Bid Evaluation Criteria is nearly 5 times of the requirement of current project scope. We request RailTel to kindly retain the ITMS Experience from Original RFP.</p> <p>ITMS Experience <i>Experience in implementation of integrated Traffic Management System involving minimum 25 junctions / locations comprising any of the following key components, Traffic Violation Detection System with E-Challan generation, ANPR, SVD, Adaptive Traffic Signal Control System, Variable Message Signboards etc.</i></p> <p>Number of Projects Marks > 3 projects 6 3 projects 4 2 projects 2 Else 0</p>		Please refer corrigendum
114	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	44	<p>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD,Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows.</p> <p>a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>	<p>We request RailTel to also include Smart UPS as part Technical Bid Evaluation Criteria as the same is part of current project scope and modify the clause as under:</p> <p><i>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD,Camera, Environmental sensor, Smart Light, Smart UPS) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order.</i></p> <p><i>Marks shall be allocated based on the number of IOT components in a single project as follows.</i></p> <p><i>a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</i></p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
115	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	The original RPF from Department of Revenue and Disaster Management (DRDM) asked for Data Centre experience, hence we request RailTel to kindly retain the Experience criteria from Original RPF. Design, Build and Maintenance of Data center <i>Design, Build and Maintenance of Data Center- The bidder should have been awarded and successfully executed a project related to implementation or management of IT Infrastructure for data center for Central / State Government/Union Territories/PSUs in India / Reputed Indian Companies (where the Annual Turnover of the Company in last three Financial years (2018-19, 2019-20 and 2020-21) must be greater than INR 60 Crore) having a minimum value of INR 2 Crores each in the last seven (7) years (from the date of submission of bid). The Data Center shall be of minimum Tier II.</i> Number of Projects Marks > 3 projects 6 3 projects 4 2 projects 2 Else 0		Please refer corrigendum
116	Volume 1 - Instruction to the bidders	3.6 Technical Evaluation Framework 3.6.1 Technical Bid Evaluation Criteria	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.	We would like to highlight that most of the Smart City projects have gone live just 2 to 3 years ago hence having an O&M experience in Smart City's is very difficult. We request RailTel to kindly retain the Experience of ICCC O&M from Original RPF. Design, Build and Maintain of Integrated Command and Control Centre <i>Design, Build and Maintain Integrated Command and Control Centre-The bidder should have experience of setting up or Operations and Maintenance (O&M) of a project covering Data center Equipment/ Integrated command and control room /emergency response center / Security and Surveillance control room/ City wide NOC/Expansion of City wide NOC/Surveillance control room built for Central / State Government/Union Territories/PSUs in India/Reputed Indian Companies (where the Annual Turnover of the Company in last three financial years (2018- 19, 2019-20 and 2020-21) must be greater than INR 60 Crore) as on Bid Submission date of value not less than INR 25 Crore each.</i> Number of Projects Marks > 4 project 10 4 project 8 3 project 6 2 project 4 1 project 2 Else 0		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
117	Volume-1	3.6 Technical Evaluation Framework	42	<ul style="list-style-type: none"> Bidder getting Technical Score of 60% will qualify for Commercial Evaluation stage subject to the below., Note: Authority (or a nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder. The following sections explain how the Bidders shall be evaluated on each of the evaluation criteria 	<p>We request to increase the cut off marks from 60% to 80% in order to get technically competent and strong bidders, ensuring quality and success of the project.</p> <p>Recommended Revised Criteria:</p> <ul style="list-style-type: none"> Bidder getting Technical Score of 80% will qualify for Commercial Evaluation stage subject to the below., Note: Authority (or a nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder. The following sections explain how the Bidders shall be evaluated on each of the evaluation criteria 		Please refer corrigendum
118	Vol I	4.10 Terms of Payment	55	Any penalties/ liquidated damages, as applicable, for delay and non-performance, as mentioned in this RFP document, shall be deducted from the due payments of the respective milestones.	Any penalties/ LD should not be applied in case of Delay/ Non performance due to approval/procedural delays from the State/Central govt organizations,	Beyond the Scope of SI	No change
119	vol I	4.10 Terms of Payment(vi)	55	All remittance charges shall be borne by the SI.	kindly ammend this clause as this is a government project and the dept(pscdl)must take the responsibility for such charges.		Please refer corrigendum
120	vol I	4.10 Terms of Payment(ii)	55	The Authority shall make all efforts to make payments within thirty (30) days of receipt of invoice(s) and all necessary supporting documents	kindly ammend this clause of payment to 3 days of submission invoice receipt.		No change
121	Vol I	4.1	43	Terms of Payment: II) The Authority shall make all efforts to make payments within thirty (30) days of receipt of invoice(s) and all necessary supporting documents.	Terms of Payment: II) The Authority shall make payments within thirty (30) days of receipt of invoice(s) and all necessary supporting documents.		No change
122	Vol I	4.7	53	Taxes: The Bidders shall fully familiarize themselves about the applicable domestic taxes (such as GST,value added or sales tax, service tax, income taxes, duties, fees, levies etc.) on amounts payable by Authority under the Agreement. All such taxes must be included by Bidders in the Price Bid.	Taxes: The Bidders shall fully familiarize themselves about the applicable domestic taxes (such as GST,value added or sales tax, service tax, income taxes, duties, fees, levies etc.) on amounts payable by Authority under the Agreement. All such taxes must be included by Bidders in the Price Bid. Any Variation/change in applicable domestic taxes mentioned above or introduction of applicable new taxes and levies during the project period will be into the Account of the Authority.		Please refer corrigendum
123	Volume 1	4.8 Audit, Access and Reporting	53		<p>Please note that audit rights and access to all data of the SI will not be possible. The SI will only be able to provide copies of the relevant documents which relate to the performance of services under this Agreement and no other document which does not relate to this Agreement can be provided to Authority. This is to secure the confidential information of the company which relates to other parties and the SI itself. We request you to delete the Clause 4.8 and include a simple clause like the one below:</p> <p>"The SI shall provide Authority and/or persons appointed by Authority copies of the relevant documents relating to the performance of the Contract to enable Authority or persons appointed by Authority to inspect and audit the same. "</p>		No change
124	vol-1	5.3 Finalization of Detailed Technical Architecture	27	The system should have capability to take feed from cameras installed by private / Govt. at public places, digitize (if required) & compress (if required) this feed & store as per requirements	Need detailed description/ BoQ as without quantified BoQ we will not be able to measure the cost implication		The system capability have been asked in the RFP. For details refer relevant paras.

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
125	Vol I	6 Technical Evaluation Framework,	43	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks	Request to ammend the clausue as " sole bidder or the consitium member should have the City or state surveillance /safe city/ITMS/ smart city in India during last 7 years (Letter of Intent shall be on or after 1st May 2017) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks"	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said soultions has already been implemented in varous project not limited to smart city .	Please refer corrigendum
126	vol-1	6 Technical Evaluation Framework,	43	the sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks	The qualification criteria terms to be change		Please refer corrigendum
127	Vol I	6 Annexure 2 , 6.1 Pre-qualification bid checklist	58	the sole bidder or any consortium partner should have relevant experience in India related to safe city/smart city/airport/metro CCTV Surveillance with any central/state Govt./PSU in at least 4 areas among the below. 1.One project of minimum 400 High resolution cameras 2.One project of minimum 40 Industrial Grade switches 3.One project of minimum 100 ANPR cameras 4.One project of minimum 50 RLVD/SVD cameras 5.One project of minimum ATCS in 10 Junctions 6.One project of minimum 30 KM of OFC laying 7.One Project of ICC with minimum 6 integrations (200 field components) 8.One project of minimum 10 smart poles	kindly ammend the sole bidder or any consortium partner should have relevant experience in India related to safe city/smart city/airport/metro CCTV Surveillance with any central/state Govt./PSU in at least 3 areas among the below. 1.One project of minimum 400 High resolution cameras 2.One project of minimum 40 Industrial Grade switches 3.One project of minimum 100 ANPR cameras 4.One project of minimum 50 RLVD/SVD cameras 5.One project of minimum ATCS in 10 Junctions 6.One project of minimum 30 KM of OFC laying 7.One Project of ICC with minimum 6 integrations (200 field components) 8.One project of minimum 10 smart polesRequest for Deletion and serial number not found		Please refer corrigendum
128	vol-1	6 Annexure 2 , 6.1 Pre-qualification bid checklist	58	the sole bidder or any consortium partner should have relevant experience in India related to safe city/smart city/airport/metro CCTV Surveillance with any central/state Govt./PSU in at least 4 areas among the below. 1.One project of minimum 400 High resolution cameras 2.One project of minimum 40 Industrial Grade switches 3.One project of minimum 100 ANPR cameras 4.One project of minimum 50 RLVD/SVD cameras 5.One project of minimum ATCS in 10 Junctions 6.One project of minimum 30 KM of OFC laying 7.One Project of ICC with minimum 6 integrations (200 field components) 8.One project of minimum 10 smart poles	no serial number issued for this rfp		Please refer corrigendum
129	vol-1	6.17 Bill of Material and 7.3 Price component for CAPEX	81 and 114	Quantity in the shared sections are mismatching with each other	need clarity in quantity		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
130	vol-1	7.3 Price component for CAPEX(no sl no)	110	Furniture and Fixtures for 30 operators, 2 manager desk, conference room (25 person), War room (10 person), Reception (1 desk), security room desk (2 person), house keeping (2 person) LOT	Required clarity here on quantity, and serial number not assigned as based on the monitors quantity the table top will be designed as per sizes,		Please refer corrigendum
131	vol-1	7.3 Price component for CAPEX(no sl no)	110	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, Number-2	required clarity on quantity		Please refer corrigendum
132	vol-1	7.3 Price component for CAPEX(no sl no)	110	SITC of Indoor Fixed Dome Cameras for internal surveillance Number 12	No specifications given,no serial no assigned here		Please refer corrigendum
133	vol-1	7.3 Price component for CAPEX(no sl no)	110	SITC of IP PABX for CCC including all accessories (50 Lot,Volume no -1,6.17.1 ,(sl no -10) (1)page no-82, ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	Required clarity here on quantity, and serial number not assigned .		Please refer corrigendum
134	vol-1	7.3 Price component for CAPEX(no sl no)	110	SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus Number 30	Required clarity as in specification it was asked 3 monitor workstation .no serial number assigned		Please refer corrigendum
135	Vol I	7.3 Price component for CAPEX(no sl no)	110	SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus Number 30	In specification it was asked for 3 monitor workstation. No serial number assigned	As per the specification number of moniters mentioed 3 ,where as in BOM the same mentioned as 2 moniters .	Please refer corrigendum
136	Vol I	7.3 Price component for CAPEX(no sl no)	110	SITC of Indoor Fixed Dome Cameras for internal surveillance Number 12	No Specification Mentioned in RFP. Kindly specify the specification or functional requireemnt for the same.		Bidder to provide in line with RFP conditions.
137	Vol I	7.3 Price component for CAPEX(no sl no) & 6.17.1 Integrated Command & Control Centre (ICCC)	110 & 82	SITC of IP PABX for CCC including all accessories (50 Lot,Volume no -1,6.17.1 ,(sl no -10) (1)page no-82, ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	Require clarity on quantity of Users, Reference serial number not assigned .		Please refer corrigendum
138	Vol I	7.3 Price component for CAPEX(no sl no)	110	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, Number-2	Suggest you to Ammend the required Quantity as " 1 Nos"	since sufficient power redunadancy has already considered we suggested .2 nos of DIGI set Will have considerable Cost implication on over all project.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
139	Vol-I	7.3 Price component for CAPEX Traffic Enforcement System	119	62. SVD Software Application License with ICCCL platform Integration- 6 Nos 63. ANPR Software Application License with ICCCL platform Integration	In the price component for CAPEX BOQ, SVD Software Application Licence is 6 Nos. and ANPR Software Application Licence is 3 Nos.; however, in 6.17 Bill of Material, page 92, it is 3 Nos. and 6 Nos. As per our understanding, SVD and ANPR software licences both should be 6 numbers. Hence, we request that you kindly clarify and confirm the current quantity of SVD systems.		Please refer corrigendum
140	RFP no. 1	7.3 Price component for CAPEX	112	Primary storage 500TB and secondary Storage 1000 TB	Need to know the split of tiers - viz SSD/ SAS/ NLSAS		Bidder to provide in line with RFP conditions to ensure SLAs
141	Volume-1	2.1.2 Eligible Bidders	14	Consortium member can be an only Indian firm. • Lead bidder and all consortium members should be registered in India under Companies Act 1956/2013 / Limited Liability Partnership Firm Act 2008 or subsequent amendment there of • The Lead bidder shall be jointly and severally responsible for complete scope, whereas consortium partners shall be severally responsible for its respective scope.	The statements related to the responsibility of lead and consortium members are mentioned in multiple clauses and are contradicting in nature. Requesting you to review and confirm if only Lead Bidder is jointly and severally liable or all members of Consortium are jointly and severally liable?		Please refer corrigendum
142	PSCDL RFP Vol 1, Section 3.6.1, Page 42			2. Executing Large Information and Communication Technology projects: The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks	You are requested to kindly ammend the clause as per below. The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1-100 crores to 200 crores – 2 marks 2->200 crores to 300 crores – 4 marks 3->300 crores – 6 marks 1. 1 Project - 2 marks 2. 2 Projects - 4 marks 3. >3 Projects – 6 marks		Please refer corrigendum
143	PSCDL RFP Vol 1, Section 3.6.1, Page 43			3. Smart City ICCCL Projects: The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCCL project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	You are requested to kindly ammend the clause as per below. The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCCL project of value not less than INR 50 30 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
144	PSCDL RFP Vol 1, Section 3.6.1, Page 43			<p>4. Integration Experience- Smart City: The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras.</p> <p>ii. Camera With Edge Analytics 50 cameras</p> <p>iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each</p> <p>iv. Variable Message Display (VMD)/Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos</p> <p>v. Flood Sensors :10 no's</p> <p>vi. Smart Poles – 20 nos</p> <p>vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks</p> <p>b) Any 4 components - 4 marks</p> <p>c) Any 5 components - 6 Marks</p> <p>d) Any 6 components - 8 Marks</p> <p>e) All 7 components - 10 Marks</p>	<p>You are requested to amend the clause as per below.</p> <p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras.</p> <p>ii. Camera With Edge Analytics 50 cameras</p> <p>iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each</p> <p>iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft – 20 Nos</p> <p>v. Flood Sensors :10 no's</p> <p>vi. Smart Poles –20 nos</p> <p>vii. Environmental Sensor –15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks</p> <p>b) Any 4 components - 4 marks</p> <p>c) Any 5 components - 6 Marks</p> <p>d) Any 6 components - 8 Marks</p> <p>e) All 7 components - 10 Marks</p>		Please refer corrigendum
145	PSCDL RFP Vol 1, Section 3.6.1, Page 44			<p>6. TES Implementation: The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years.</p> <p>Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 50 to 250 cameras - 2 marks</p> <p>b) 251 to 450 cameras - 4 marks</p> <p>c) 451 and more - 6 marks</p>	<p>You are requested to kindly ammend the clause as per below;</p> <p>The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years.</p> <p>Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 50 to 250 cameras - 2 marks</p> <p>b) 251 to 450 cameras - 4 marks</p> <p>c) 451 and more - 6 marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
146	PSCDL RFP Vol 1, Section 3.6.1, Page 44			<p>8. IoT Implementation Experience: The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows.</p> <p>a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>	<p>You are requested to kindly consider the Safe City / any ICT Project experience & ammend the clause as per below.</p> <p>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city / Safe City / ICT in India during last 5 years.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows.</p> <p>a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>		Please refer corrigendum
147	PSCDL RFP Vol 1, Section 3.6.1, Page 45			<p>9. VMD Implementation: The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks</p>	You are requested to kindly consider the OEM experience here.		Please refer corrigendum
148	PSCDL RFP Vol 1, Section 3.6.1, Page 45			<p>10. MeitY Cloud Hosting Implementation: The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks</p>	You are requested to kindly consider the OEM experience here.		Please refer corrigendum
149	PSCDL RFP Vol 1, Section 3.6.1, Page 45			<p>11. O&M activity of Smart City: The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p>	<p>you are requested to kindly consider the only experince for Smart City ICCC Project & Ammend the clausue as per below.</p> <p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
150	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	42	The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 audited financial years (2021-22, 2020-21, 2019-20) (in INR) Marks shall be allotted as follows: a. >160 Crores and < 250 Crores - 2 marks. b. >=250 Crores and <350 Crores - 4 marks c. >=350 Crores - 6 marks		The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 financial years (2020-21, 2021-22, 2022-23) (in INR) Marks shall be allotted as follows: a. >50 Crores and < 100 Crores - 3 marks. b. >=100 Crores and <150 Crores - 4 marks c. >=150 Crores - 5 marks	Please refer corrigendum
151	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	43	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores - 6 marks		The sole bidder or any consortium member or their OEMs shall have successfully executed minimum 20 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city/ICT/Data Centre in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 20 crores to 50 crores - 3 marks 2. >50 crores to 100 crores - 4 marks 3. >100 crores - 5 marks	Please refer corrigendum
152	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		The sole bidder or the consortium (members together) in case of consortium or their OEMs should have experience in executing at least one smart city ICCC project of value not less than INR 20 crore each during the last 5 years a) 1 project – 3 marks b) 2 Projects – 4 marks c) 3 projects - 5 marks.	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
153	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	43	<p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB)– size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>		<p>The sole bidder or the consortium (members together) or their OEMs should have been awarded and successfully executed at least one smart city project of minimum value of 20 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 2 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 200 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board 5 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15</p>	Please refer corrigendum
154	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	44	<p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>		<p>The Sole Bidder or lead bidder or consortium member in case of consortium or their OEMs should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 1 projects – 3 marks b) 2 projects – 4 marks c) 3 projects or more -5 marks</p>	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
155	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	44	<p>The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks</p>		<p>The Sole bidder or any consortium member or their OEMs should have designed and implemented minimum 1 Project AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of Projects as follows:</p> <p>a) 1 projects – 3 marks b) 2 projects – 4 marks c) 3 projects or more -5 marks</p>	Please refer corrigendum
156	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	44	<p>The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows:</p> <p>a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p>		<p>The sole bidder or the consortium (members together or their OEMs should have managed minimum 1 Adaptive Traffic Controllers project in India during last 5 Years. Marks shall be allocated based on the number of Projects as follows:</p> <p>a) 1 projects – 3 marks b) 2 projects – 4 marks c) 3 projects or more -5 marks</p>	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
157	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	44	<p>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows.</p> <p>a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>		<p>The sole bidder or the consortium (members together) or their OEMs shall have integrated IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) project related smart city in India during last 5 years.</p> <p>The above definition applies to a single/Multiple project and order.</p> <p>Marks shall be allocated based on the number of Projects as follows:</p> <p>a) 1 projects – 3 marks b) 2 projects – 4 marks c) 3 projects or more -5 marks</p>	Please refer corrigendum
158	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	45	<p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >=70 sq. ft.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks</p>		<p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 5 VMD's /Outdoor Digital Display Board</p> <p>The above definition applies to a single / Multiple project and order.</p> <p>Marks shall be allocated based on the number of Projects as follows:</p> <p>a) 1 projects – 3 marks b) 2 projects – 4 marks c) 3 projects or more -5 marks</p>	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
159	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	45	<p>The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks</p>		<p>The sole bidder or the consortium (members together) in case of consortium or their OEMs must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 3 Marks b) 3 projects = 4 Marks c) 5 or more projects = 5 Marks</p>	Please refer corrigendum
160	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	45	<p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p>		<p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC / DC / ITMS Project post Go-Live.</p> <p>a) 1 years O&M completed- 3 marks b) 2 years O&M completed- 4 marks c) 3 years and above O&M completed -5 marks.</p>	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
161	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	46	<p>Following parameters will be evaluated in submitted Technical Proposal document: Understanding of the project and conformity to volume II: Scope of Work, Functional Requirements and System Architecture in the proposed solution - 2 Marks</p> <p>Proposed deployment architecture for DC & DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICC platform, DC/DR, to meet the functionalities as given in RFP. - 2 Marks</p> <p>Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc. - 2 Marks</p> <p>Proposed solution for design & development of SOPs and KPIs (list down all the SOPs & KPIs identified for the solution).- 2 Marks</p> <p>Identification of major risks and suitable mitigation plans for each of identified risks - 2 Marks</p> <p>Methodology, tools and Technologies to monitor & maintain the SLAs and managing change requests - 2 Marks</p>		<p>Following parameters will be evaluated in submitted Technical Proposal document: Understanding of the project and conformity to volume II: Scope of Work, Functional Requirements and System Architecture in the proposed solution - 2 Marks</p> <p>Proposed deployment architecture for DC & DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICC platform, DC/DR, to meet the functionalities as given in RFP. - 2 Marks</p> <p>Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc. - 2 Marks</p> <p>Proposed solution for design & development of SOPs and KPIs (list down all the SOPs & KPIs identified for the solution).- 2 Marks</p>	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
162	Volume 1 - Instruction to the bidders	3.6.1 Technical Bid Evaluation Criteria	47	<p>Following parameters will be evaluated during Technical Demonstration:</p> <p>(1) Demonstrate Sub-System Integration with ICCC Platform (Any Three from or as per Authority requirements): (5 Marks)</p> <p>a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks</p> <p>System:- 1) CCTV surveillance solution 2) VMD Solution 3) Traffic Management 4) Smart Pole with PA system/ Environmental Sensor 5) Water SCADA</p> <p>2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks)</p> <p>a. One element control : 2.0 Marks b. Two elements control : 3.0 Marks c. Three elements control : 5.0 Marks</p> <p>System:- 1) CCTV surveillance solution 2) VMD Solution 3) Traffic Management 4) Smart Pole with PA system/ Environmental Sensor 5) Water SCADA</p> <p>(3) Demonstrate 3D simulation for proposed solutions: (5 Marks)</p> <p>1. Demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS (2.5 Marks) 2. Demonstrate 3D simulation for proposed solutions: (2.5 Marks)</p>		<p>Following parameters will be evaluated during Technical Demonstration:</p> <p>(1) Demonstrate Sub-System Integration with ICCC Platform (Any Three from or as per Authority requirements): (5 Marks)</p> <p>a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks</p> <p>System:- 1) CCTV surveillance solution 2) VMD Solution 3) Traffic Management 4) Smart Pole with PA system/ Environmental Sensor 5) Water SCADA</p> <p>2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks)</p> <p>a. One element control : 2.0 Marks b. Two elements control : 3.0 Marks</p>	Please refer corrigendum
163	Volume i	3.6.1	42	<p>ICCC OEM Experience:</p> <p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>	<p>ICCC OEM Experience:</p> <p>The OEM of ICCC should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p> <p>Please change this clause as this clause should be for ICCC OEM Experience and Seems to be a typo error.</p>		Please refer corrigendum
164	vol-1	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communication Technology projects	41	<p>100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt /PSU</p>	<p>Required correction in sentence Duration period must be 7 years.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
165	vol-1	3.6.1 technical bid evaluation criteria,(Sl no 13,echncial Demonstration / PoC	46	Following parameters will be evaluated during Technical Demonstration: 1) Demonstrate Sub-System Integration with ICCC Platform (Any Three from or as per Authority requirements): (5 Marks) a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA (2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks) a. One element control : 2.0 Marks b. Two elements control : 3.0 Marks c. Three elements control : 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA (3) Demonstrate 3D simulation for proposed solutions: (5 Marks) *Bidder is required to showcase 3D simulation for a functional smart city with ICCC showcasing use cases as mentioned in this RFP. This simulation should show movement of data / feeds, working of field # System Marks 1 Demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS 2.5 2 Demonstrate 3D simulation for proposed solutions 2.5 RFP No. RCIL-2023--PDY-Smart City-RFP-01 Page 48 of 144 devices, ICCC dashboards, incident	Kindly provide calarty		Please refer corrigendum
166	Vol I	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communication Technology projects	41	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 mark	Kindly ammend the clasue sole bidder or the consortium member should have the City or state surveillance /safe city/ITMS/ smart city in India during last 7 years (Letter of Intent shall be on or after 1st May 2017) for any state /central govt /PSU. Required correction in sentence Duration period must be 7 years. Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 mark	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said souldtions has already been implemented in varous project not limited to smart city .	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
167	Vol I	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	Kindly ammend the clausue the sole bidder or the consortium member should have the City or state surveillance /safe city/ITMS/ smart city in India during last 7 years (Letter of Intent shall be on or after 1st May 2017) for any state/central govt/PSU. a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said souldtions has already been implemented in varous project not limited to smart city .	Please refer corrigendum
168	Vol I	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark, d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Clarrification: To increase the number of MSME participants, we request for small change in the clause. • The bidder shall have successfully executed projects related to ATCS in last 7 years (as on date of submission of bid), integrating atleast three different one components as mentioned herewith: 1. Road Traffic Enforcement/ Management System(RLVD/ANPR/Speed Violation) OR 2. Traffic Signals OR 3. Controlling traffic signals with centralized software system OR 4. Traffic Analytics OR 5. Automatic Vehicle Location System OR 6. Centrally controlled Dynamic Message signs 7. Red Light Violation System (RLVD) 8. E-Challan. Points are allocated based on number of units executed a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark, d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said souldtions has already been implemented in varous project not limited to smart city .	Please refer corrigendum
169	Vol I	3.6.1 Technical Bid Evaluation Criteria , (sl no 5)CCC OEM Experience, CCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 mark	Request to ammend :Proposed ICC Platform should have been Implemented & operational for at least 1 year in the Smart Cities in India. Marks shall be allotted based on the number of smart cities in which the ICC platform is operational for at least 1 year. a) 10 ICC Projects: 6 Marks b) 05 ICC Projects: 4 Marks c) 03 ICC Projects: 2 Marks	This clause will limit the participation,as asked in section Oem criteria for smart city .	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
170	Vol I	3.6.1 Technical Bid Evaluation Criteria ,(sl no 6)ES Implementati on	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark	Request for deletion to encourage the number of participants /The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark	This clause will limit the participation as most of the smart city projects started on year 2016 onwards.the said solutions has already been implemented in various project not limited to smart city .	Please refer corrigendum
171	Vol I	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	The Sole bidder or any consortium member should have designed and implemented minimum 100 ANPR cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years (Letter of Intent shall be on or after 1st May 2016) for any State/Central Govt/PSU Marks shall be allocated based on the number of cameras in a single project as follows: 1. 100 to 300 cameras - 2 marks 2. 301 to 600 cameras - 4 marks 3. 501 to 900 cameras - 6 marks	As per project scope of work ATCS has to be implemented at 22 location only, where as ANPR solution have to be implemented at 190 locations hence we request weightage to be given for ANPR solution in place of ATCS .	Please refer corrigendum
172	Vol I	3.6.1 Technical Bid Evaluation Criteria ,(sl no 8)IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project. Marks shall be allocated based on the number of IoT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	The Sole bidder or any consortium member shall have successfully designed and implemented minimum 750 IoT smart components (PA, Emergency Call Box, AI based Camera, Flood sensor, Environmental sensor, Variable Message Display, Wi-Fi : Access point etc.) in a single project related to City or state surveillance /safe city/smart city in India during last 7 years (Letter of Intent shall be on or after 1st May 2016) for any state/central gov/PSU. Marks shall be allocated based on the number as follows: a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	This clause will limit the participation ,as most of the smart city projects started on year 2016 onwards.the said solutions has already been implemented in various projects not limited to smart city .	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
173	Vol I	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	The Sole bidder or any consortium member should have designed and implemented minimum 50 RLVD cameras in a single project related to City or state surveillance/ITMS/ safe city/smart city project in India during last 7 years (Letter of Intent shall be on or after 1st May 2016)for any State/Central Govt/PSU Marks shall be allocated based on the number of cameras in a single project as follows: 1. 50 to 100 cameras - 3 marks 2. 101 to 200 cameras - 5 marks 3. 201 to 300 cameras - 7 marks 4. More than 300 cameras - 10 marks RLVD Camera Implementation Experience	As per project scope of work VMD has to be implemented at 11 nos only, where as RLVD 22 locations and 48 RLVD solution have to be implemented at locations. Hence we request weightage to be given for RLVD solution in place of VMD implementation .	Please refer corrigendum
174	Vol I	Volume no - 1,3.6.1,technic al bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	The sole bidder or the consortium member sholud have deployment and management of application on Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 7 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	This clause will limit the participation ,as most of the smart city projects started on year 2016 onwards.the said soultions has already been implemented in varous projects not limited to smart city .	Please refer corrigendum
175	Vol I	3.6.1,technical bid evolution ceritera,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	Request for Deletion or correct to encorage number of partipatence /The sole bidder or the consortium members in case of consortium should have experience in O&M activity of city surveillance or ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	This clause will limit the participation.	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
176	Vol I	3.6.1 technical bid evaluation criteria,(Sl no 12)Approach & Methodology	45	<p>Following parameters will be evaluated in submitted Technical Proposal document: Parameter Marks Understanding of the project and conformity to volume II: Scope of Work, Functional Requirements and System Architecture in the proposed solution 2 Proposed deployment architecture for DC & DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICCC platform, DC/DR, to meet the functionalities as given in RFP. 2 Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc. 2 Proposed solution for design & development of SOPs and KPIs (list down all the SOPs & KPIs identified for the solution). 2 Identification of major risks and suitable mitigation plans for each of identified risks 2 Methodology, tools and Technologies to monitor & maintain the SLAs and managing change requests 2 Proposed structure for: 1. Project Strategy 2. Project Management 3. Risk Management 4. Resource Plan 5. Project Governance Model 2 Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section</p>	<p>kindly ammend this clause :Understanding of the project and conformity to Technical Specifications: Clarity and details provided in un-priced BOQ, make and model of the proposed component/solution and referencing of the qualifying functional/ technical specification on the product/ solution datasheet or literature High level architecture of the solution proposed for the complete project as per the RFP Completeness of project plan and ease of implementation (including training and change management plan) Identification of major risks for the projects and also propose suitable mitigation plan for each of these risks Strategy to maintain all the SLAs and handling change requests Detailed Business Plan Highlighting Revenue Streams for relevant project components Approach and Measures for Information security of the complete solution from various threats including hacking attempts, internal threats, etc. Approach towards the scalability, interoperability, security, Manageability, Availability, Open standards, Single sign-on, and modularity features considering the future expansion of the projects (The response shall be given considering growth of Smart Cities as well as new applications or systems that may be envisaged/developed in future) Operations and maintenance plan including comprehensiveness of fall back strategy</p>	<p>To encourage number of participation we request to remove the marks.</p>	<p>Please refer corrigendum</p>
177	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 2	Page no 42	<p>Executing Large Information and Communication Technology projects- The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>If all partners' names are listed in the PO, Smart City order of INR 100 crores must include and consider the total consolidated order value bid directly by MSI & Consortium partner jointly. Also kindly add more scores for projects totaling more than 100 crores that fulfil the criteria above. Work Orders, client certificate OR certificate from company statutory auditor to be submitted.</p>		<p>Please refer corrigendum</p>

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
178	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 3	Page no 43	<p>Smart City ICCC Projects- The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years</p> <p>a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>If all partners' names are listed in the PO, Smart City order for ICCC project of INR 50 crores must include and consider the total consolidated order value of the PO bid directly by MSI & Consortium partner jointly.</p> <p>a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.</p> <p>Work Orders, client certificate OR certificate from company statutory auditor to be submitted.</p>		Please refer corrigendum
179	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 4	Page no 43	<p>Integration Experience- Smart City- The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p> <p>The sole bidder or any consortium member should</p>	<p>Integration Experience- Smart City- The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 250 cameras. ii. Camera With Edge Analytics 25 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 05 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood/Rain Sensors :05no's vi. Smart Poles Integeration – 10 nos vii. Environmental Sensor – 3 nos viii. ICCC - 1 no's ix. Integeration with GIS - 1 nos x. Integeration with Parking - 1 nos</p> <p>Number of components implemented and integrated under single project and order. a) Any 2 components - 2 marks b) Any 3 components - 4 marks c) Any 4 components - 6 Marks d) Any 5 components - 10 Marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p> <p>If all partners' names are listed in the PO, Smart City order of INR 100</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
180	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 5	Page no 44	<p>ICCC OEM Experience- The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p> <p>The Bidder should submit the following documents duly indicating OEM details. 1. P.O Copy and Completion Certificate / Installation Notes/UAT Certificates from the MSI / SI as documentary proof.</p>	<p>ICCC OEM Experience- The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC platform in India.</p> <p>a) 1 projects – 2 marks b) 2 projects – 4 marks c) 3 projects or more -6 marks</p> <p>The Bidder should submit the following documents duly indicating OEM details. 1. P.O Copy and Completion Certificate / Installation Notes/UAT Certificates from the MSI / Certificate from Statutory Auditor as documentary proof.</p>		Please refer corrigendum
181	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 6	Page no 44	<p>TES Implementation- The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>TES Implementation- The Sole bidder or any consortium member should have designed and implemented minimum 25 AI based ANPR or RLVD or SVD cameras consolidated total in a single OR multiple projects related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows:</p> <p>a) 25 to 50 cameras - 2 marks b) 51 to 75 cameras - 4 marks c) 75 and more - 6 marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate/ Certificate from Statutory Auditor to be submitted.</p>		Please refer corrigendum
182	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 7	Page no 44	<p>ATCS Experience- The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows:</p> <p>a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>ATCS Experience- The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers consolidated total in a single OR multiple projects during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows:</p> <p>a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate/Certificate from Statutory Auditor to be submitted.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
183	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 8	Page no 44	<p>IoT Implementation Experience- The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>IoT Implementation Experience- The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light, Smart Meters) consolidated in a single or multiple project in India during last 5 years. Work Orders, client certificate OR certificate from company statutory auditor to be submitted. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate/Certificate from Statutory Auditor to be submitted.</p>		Please refer corrigendum
184	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 9	Page no 45	<p>VMD Implementation- The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. - 6 marks The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>VMD Implementation- The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. consolidated in a single or multiple project in India during last 5 years. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. - 6 marks The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate/Certificate from Statutory Auditor to be submitted.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
185	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 10	Page no 45	<p>MeitY Cloud Hosting Implementation- The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>MeitY Cloud Hosting Implementation- The sole bidder or the consortium (members together) in case of consortium must have experience of deployment/management of application on MeitY empaneled Cloud OR experience of deployment/management of application/DC/DR site of any Central/ State Govt./ PSU / ULB or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks b) 2 projects = 4 Marks c) 3 or more projects = 6 Marks</p> <p>The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate/Certificate from Statutory Auditor to be submitted. to be submitted. Incase of project still continuing certificate from statutory auditor with latest invoice copy to be submitted.</p>		Please refer corrigendum
186	Volume 1	3.6.1 Technical Bid Evaluation Criteria Sr No 11	Page no 45	<p>O&M activity of Smart City- The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p> <p>The sole bidder or any consortium member should submit the following documents. 1. Work order/signed contract and client completion certificate to be submitted. 2. For ongoing contracts, satisfactory completion duly indicating the period to be submitted</p>	<p>O&M activity of Smart City- The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City/Surveillance/ ICC project/IT-ICT / e-governance Application/ERP/DC-DR post GO-Live.</p> <p>a) 1 years O&M completed- 2 marks b) 2 years O&M completed- 4 marks c) 3 years and above O&M completed -6 marks.</p> <p>The sole bidder or any consortium member should submit the following documents. 1. Work order/signed contract and client completion certificate to be submitted. 2. For ongoing contracts, satisfactory completion duly indicating the period to be submitted / certificate from statutory auditor with latest invoice copy to be submitted.</p>		Please refer corrigendum
187	vol-1	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communication Technology projects	41	100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt /PSU	Required correction in sentence Duration period must be 7 years.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
188	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
189	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
190	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healthy compitation		Please refer corrigendum
191	vol-1	Volume no - 1,3.6.1,technic al bid evaluation critera,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
192	vol-1	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communicatio n Technology projects	41	100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt /PSU	Required correction in sentence Duration period must be 7 years.		Please refer corrigendum
193	vol-1	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	The sole bidder or the consortium member should have experience in executing at City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum
194	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
195	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no- 5)CCC OEM Experience, CCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more - 6 mark			Please refer corrigendum
196	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
197	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no- 8)IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum
198	vol-1	Volume no - 1,3.6.1,technic al bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
199	vol-1	3.6.1,technical bid evolution ceritera,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
200	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healty compitation		Please refer corrigendum
201	vol-1	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communicatio n Technology projects	41	100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt /PSU	Required correction in sentence Duration period must be 7 years.		Please refer corrigendum
202	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healty compitation		Please refer corrigendum
203	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no -8)IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
204	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
205	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
206	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no- 5)CCC OEM Experience, CCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more - 6 mark			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
207	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no 6)ES Implementati on	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark		Please refer corrigendum
208	vol-1	3.6.1,technical bid evolution ceritera,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum
209	vol-1	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	The sole bidder or the consortium member should have experience in executing at City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum
210	vol-1	Volume no - 1,3.6.1,technic al bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
211	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healty compitation		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
212	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
213	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
214	vol-1	Volume no - 1,3.6.1,technic al bid evaluation critera,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
215	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healthy compitation		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
216	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no- 8)IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum
217	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
218	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
219	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no- 5)CCC OEM Experience, CCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more - 6 mark			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
220	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no 6)ES Implementati on	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark		Please refer corrigendum
221	vol-1	3.6.1,technical bid evolution ceritera,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum
222	vol-1	Volume no - 1,3.6.1,techni cal bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
223	vol-1	Volume no - 1,3.6.1,techni cal bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
224	vol-1	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	The sole bidder or the consortium member should have experience in executing at City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
225	vol-1	3.6.1,technical bid evolution criteria,SI no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum
226	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no-8)IoT Implementation Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum
227	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no -9)VMD Implementation	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healthy compitation		Please refer corrigendum
228	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
229	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
230	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ1 Financial Strength	42	The sole bidder or the consortium (members together) should submit the following documents. 1. Certificate from Statutory Auditor. 2. Audited, Certified Balance Sheets, Profit and Loss account of last three financial years.	Request you please allow CA certificate as well and modify the clause as "The sole bidder or the consortium (members together) should submit the following documents. 1. Certificate from Charatered Accountant/Statutory Auditor. 2. Audited, Certified Balance Sheets, Profit and Loss account of last three financial years.		Please refer corrigendum
231	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ2 Executing Large Information and Communicatio n Technology projects	42	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks	Rationale: Experience asked in the RFP clauses are very high in comparision to the scope of work defined. The clauses require huge number of quantities as an experience than the quanties in scope for implementation for the MSI. Therefore, request to modify the clause in netwrok domain or reduce the value of project as "The sole bidder or any consortium member shall have successfully executed minimum 100 25 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city/network or OFC in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 25 crores to 50 200 crores - 2 marks 2. >200 >50 crores to 100 300 crores - 4 marks 3. >300 >100 crores – 6 marks"		Please refer corrigendum
232	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ3 Smart City ICCC Projects	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	Rationale: Experience asked in the RFP clauses are very high in comparision to the scope of work defined. The clauses require huge number of quantities as an experience than the quanties in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 40 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 6 marks c) 3 projects – 6 marks.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
233	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ4 Integration Experience- Smart City	43	<p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI.</p> <p>Therefore, request to modify the clause as</p> <p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos total each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft- 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 10 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>		Please refer corrigendum
234	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ5 ICCC OEM Experience	44	<p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>	<p>Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI.</p> <p>Therefore, request to modify the clause as</p> <p>The Sole Bidder or lead bidder or consortium member or proposed OEM in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India.</p> <p>a) 2 1 projects – 2 marks b) 3 2 projects – 4 marks c) 4 3 projects or more -6 marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
235	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ6 TES Implementati on	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 150 cameras - 2 marks b) 251 151 to 450 300 cameras - 4 marks c) 451 301 and more - 6 marks		Please refer corrigendum
236	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ7 ATCS Experience	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) should have managed 20 5 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >= 20 5 to < 60 10 controllers - 2 marks b) >= 60 10 to < 100 15 controllers – 4 marks c) more than 100 15 controllers – 6 marks		Please refer corrigendum
237	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ8 IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) shall have integrated minimum 750 100 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >= 750 100 to < 1500 500 IoT Components - 2 mark b) > 1500 500 to < 3000 1000 IoT components - 4 marks c) > 3000 1000 IoT components – 6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
238	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ9 VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. - 6 marks	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 10 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >= 20 10 to 30 15 nos. - 2 mark b) >= 30 15 to <40 20 nos. - 4 marks c) >= 40 20 nos. - 6 marks		Please refer corrigendum
239	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ10 MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on Data Centre/MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 2 projects = 4 Marks c) 5 3 or more projects = 6 Marks		Please refer corrigendum
240	Volume 1	3.6.1 Technical Bid Evaluation Criteria, TQ11 O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.	Rationale: Experience asked in the RFP clauses are very high in comparison to the scope of work defined. The clauses require huge number of quantities as an experience than the quantities in scope for implementation for the MSI. Therefore, request to modify the clause as The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC/Central/State Government IT/ITS project along with ITMS in a single project post Go-Live. a) 2 1 years O&M completed- 2 marks b) 3 2 years O&M completed- 4 marks c) 4 3 years and above O&M completed -6 marks.		Please refer corrigendum
241	vol-1	Volume no - 1,3.6.1,technic al bid evaluation criteria,criteria category (sl no- 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
242	vol-1	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICCC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	The sole bidder or the consortium member should have experience in executing at City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum
243	vol-1	3.6.1,technical bid evolution ceritera,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum
244	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no -8)IoT Implementation Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum
245	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no -9)VMD Implementation	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healty compitition		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
246	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
247	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
248	Volume 1	3.6.1 Technical Bid Evaluation Criteria Point 2: Executing Large Information and Technology Projects	42,43	The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1.100 crores to 200 crores - 2 marks 2.>200 crores to 300 crores - 4 marks 3.>300 crores– 6 marks	The Bidders who have executed the similar Smart City/ Safe City projects consisting of City Surveillance/ ITMS components and value of more than 200 Crore in a single project are also equally eligible for the 100% execution of the project. Hence we request you to please relax the criteria on the value of the project. The requested criteria is as follows, The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1.100 crores to 150 crores - 2 marks 2.>150 crores to 200 crores - 4 marks 3.>200 crores– 6 marks The requested changes will also allows the department to have more competitive bidders to participate in the tender. Hence, kindly consider our point and allow us to participate in the tender		Please refer corrigendum
249	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	TQ2: Executing Large Information and Communication Technology projects: The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: Max Marks: 6 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks Supporting Document The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.	As there are other multiple criterions related to qualifications of projects, we request to consider Bidder's quality and process certifications and consider giving weightage for the same. as another technical criteria TQ 4 prevails for smart city/ ITMS experience. Having similar sort of criteria may not add value in the project as bidder will/can submit same project under these criteria which are same but defined differently. So we recommend to include a criteria which is more related company's quality certifications. Requesting to revise this criteria as per below: Recommended Revised Criteria: TQ2 : Certifications: The Bidder (collectively all members in case of Consortium) should possess following valid certificates: •ISO 20000:2011 for IT Service Management •ISO 27001:2013 for Information Security Management System •ISO 9001:2015 for Quality Management •CMMI Level-3 Certificate Marks shall be allocated as below: Max Marks: 6 Any 3 certifications : 2 marks All 4 certifications : 4 marks CMMI Level-5 Certification : additional 2 marks Supporting Document The sole bidder or any consortium member should submit the following documents Copies of the valid certificate in the name of the bidder.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
250	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	<p>TQ3:Smart City ICCC Projects: The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years</p> <p>a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.</p> <p>Supporting Document The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>There are other multiple criterions related to qualifications of projects covering various aspects and sub-systems from project and Bidder's experience perspective. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum
251	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	<p>TQ4: Integration Experience- Smart City The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order. Max Marks 10</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>We request to keep this criterion in line with proposed PQ criterion and give marks based on number of projects qualifying this criterion.</p> <p>Recommended Revised Criteria:</p> <p>TQ3:Project Experience - Traffic Management System</p> <p>The Sole bidder/ Lead Bidder in case of Consortium shall have successfully completed (Go-Live) a project of Integrated Traffic Management System (ITMS) Platform in last 7 years starting 1st Jan 2016 for any Central/State Government, Police, Municipality or Smart City. The ITMS Platform, should have been integrated with at least three of the below mentioned sub-systems in a city. The qualified project should be of minimum value of INR 20 Crores with ITMS Platform and associated integrations being part of it. The project should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live).</p> <p>List of Sub-systems:</p> <ul style="list-style-type: none"> •Integration with RLVD (Red Light Violation Detection) System with at least 20 stop line violation detection cameras along with ANPR. •Integration with SVD (Speed Violation Detection) System with at least 20 speed detection cameras along with ANPR. •Information dissemination to road users with at least 20 VMS (Variable Message Signs). •Integration with Adaptive Traffic Control System (ATCS) with at least 20 intersections. •Integration with Dial 100. •Integration with E-Challan System. 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
252	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ6: TES Implementation The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years.</p> <p>Marks shall be allocated based on the number of cameras under single project as follows: Max Marks: 6 a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks</p>	<p>The given criteria get covered in above Technical criteria TQ 4. So having a separate criteria doesn't bring value addition. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum
253	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ7:ATCS Experience: The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years.</p> <p>Marks shall be allocated based on the number of controllers under a single project and order. as follows: Max Marks: 6 a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p>	<p>We request to keep this criterion in line with proposed PQ criterion and give marks based on number of projects qualifying this criterion.</p> <p>Recommended Revised Criteria: TQ6: Project Experience - ATCS The Sole Bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live), at least 1 project of Implementation of ATCS (Area Traffic Control System), consisting of at least 100 intersections in a single project for any Central/State Government, Police, Municipality or Smart City in last 7 years starting 1st Jan 2016 with minimum value of INR 20 Crores. The qualified project, should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live).</p> <p>Marks shall be allotted as below: Max Marks: 10 100-200 Junctions in a single project = 5 Mark 201-300 Junctions in a single project= 7 Marks > 300 Junctions in a single project = 10 Marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
254	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ8:IoT Implementation Experience</p> <p>The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows. Max Marks: 6</p> <p>a) >=750 to <1500 IoT Components - 2 marks b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>	<p>We request to revise this criteria to include various other sub-systems and stakeholders integrations in the project and their integration with various use cases to cater to project and city requirements rather than specifying number of IoT devices.</p> <p>Recommended Revised Criteria:</p> <p>TQ7: Central Application</p> <p>The sole Bidder/ any member shall have successfully completed the Implementation of Centralized Traffic Information & Management Software/ Central Control Room Application with integration of below sub-systems for Government Authority/undertaking in India in the last 7 (Seven) Years from the date of submission of bid.</p> <p>Marks shall be allotted as below: Max Marks: 13</p> <p>List of Integrated Sub-Systems are:</p> <ul style="list-style-type: none"> •GIS Map – 0.5 Mark •RLVD /Overview Camera – 1 Mark •ANPR Camera – 1 Mark •Adaptive Traffic Control System (ATCS) – 2 Marks •Environmental Sensors – 0.5 Mark •Variable Message Display System – 0.5 Mark •E-Challan Module – 1 Mark •Vahan/ Sarthi RTA database – 1 Mark •Emergency Response Management System (Dial 100) – 2 Marks •Public Address/Emergency Call Box System – 0.5 Mark •Automatic Vehicle Location –1 Mark <p>Social Mining Tool i.e. Facebook/ Twitter – 2 Marks</p>		Please refer corrigendum
255	Volume-1	3.6.1 Technical Bid Evaluation Criteria	45	<p>TQ9:VMD Implementation</p> <p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks</p>	<p>The VMD component is covered in above Technical criteria TQ 4 and in TQ 8. So having a separate VMD criteria doesn't bring value addition. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
256	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	TQ10: MeitY Cloud Hosting Implementation The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	The central application hosting on a Meity empaneled or any other cloud provider does not bring any difference in terms of value addition for the project. The Meity empaneled Cloud Hosting can be made a mandatory criterion in technical requirements instead of giving marks for it. So we request you to delete this criterion and adjust marks in other criterions.		Please refer corrigendum
257	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	TQ11:O&M activity of Smart City: The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live. Max Marks 6 a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks.	Since interior work is required as a part of this project scope and there is no criteria defined which evaluate bidder's interior work experience. Also the O&M experience of respective projects can be asked for in respective criterions as recommended in above clauses. <u>Recommended Revised Criteria:</u> TQ8: Project Experience - Interior of Control Centre: The Sole Bidder/ any member in case of consortium shall have successfully completed the design and Interior work like but not limited to (False flooring, False ceiling, Woodwork and Paneling, Paint, Operator Desk, Partitioning and storage etc.) of Command and Control Centre for a project in the last 7 (Seven) years from the date of submission of bid. Marks shall be allotted as below: Max Marks 10 1-3 projects = 5 Marks 4-6 projects = 7 Marks > 6 Projects = 10 Marks		Please refer corrigendum
258	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	12. Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section Max Marks :1	1 mark for presentation is not sufficient to evaluate all the parameters so we request to increase presentation marks. <u>Recommended for Revision:</u> 13. Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section Max Marks :15		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
259	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	13. Technical Demonstration / PoC Following parameters will be evaluated during Technical Demonstration: Max Marks: 15 (1) Demonstrate Sub-System Integration with ICC Platform (Any Three from or as per Authority requirements): (5 Marks) a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA	Temporary Setting up of hardware on field involves time and financial investment . So we request to conduct Technical Demonstration / PoC on the existing project of bidder, wherein bidder needs to demonstrate the required use cases on their existing project. Max Marks 10		Please refer corrigendum
260	vol-1	Volume no - 1,3.6.1,technic al bid evaluation criteria,criteria category (sl no 10)MeitY Cloud Hosting Implementati on	45	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark	Kindly delete this criteria, the consortium member during last 7 years for 5 or more projects		Please refer corrigendum
261	vol-1	Volume no -1 , 3.6.1 Technical Bid Evaluation Criteria ,criteria category (sl no -3)Smart City ICC Project	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.	The sole bidder or the consortium member should have experience in executing at City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.		Please refer corrigendum
262	vol-1	3.6.1,technical bid evolution criteria,Sl no - 11,O&M activity of Smart City	45	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go- Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks	The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of project related to City or State surveillance /ITMS/ Safe city/Smart city project in India ICC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
263	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no 6)ES Implementati on	44	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark	The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 7 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 mark		Please refer corrigendum
264	vol-1	3.6.1 Technical Bid Evaluation Criteria , (sl no 5)CCC OEM Experience, CCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more - 6 mark			Please refer corrigendum
265	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 7)(ATCS Experience)	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
266	vol-1	3.6.1 Technical Bid Evaluation Criteria (sl no 4) Integration Experience Smart City	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Mark,d) Any 6 components - 8 Marks e) All 7 components - 10 Marks	Kindly ammend to ITMS evaluation criteria because all over project ITMS scope is high priority		Please refer corrigendum
267	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no- 8)IoT Implementati on Experience	44	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 7 years. The above definition applies to a single roject and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to 1500 to 3000 IoT components – 6 marks		Please refer corrigendum
268	vol-1	3.6.1 Technical Bid Evaluation Criteria ,(sl no- 9)VMD Implementati on	45	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to = 40 nos. – 6 mark	Kindly ammend display board size to partipate more healty compitition		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
269	vol-1	3.6.1 Technical Bid Evaluation Criteria(page no -42)(sl no 2)Executing Large Information and Communicatio n Technology projects	41	100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt /PSU	Required correction in sentence Duration period must be 7 years.		Please refer corrigendum
270	Vol I	3.6.1; Sr. 3	43	The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks	The sole bidder or the consortium (Members together) in case of consortium should have experience in executing at		Please refer corrigendum
271	Vol I	3.6.1 Sr 4	43	The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6	At least 3 components in single project from the list below with command & Control center in the last Five (5) years –		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
272	Vol I	3.6.1 Sr. 5	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks	Since the clause is for the ICCO OEM hence clause should be		Please refer corrigendum
273	Vol I	3.6.1		The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	Only change requested is in AI based ANPR/RLVD; AI/ML is used as terminology in this space hence		Please refer corrigendum
274	Vol I	3.6.1 Sr 7	44	The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	In addition to current ATCS experience, an alternative (related) experience should be asked –		Please refer corrigendum
275	Vol I	3.6.1 Sr 8	44&45	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	In addition to current experience of IOT –		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
276	Vol I	3.6.1 Sr 9	45	<p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks</p>	Request to include experience of OEM in VMD –		Please refer corrigendum
277	Vol I	3.6.1 Sr 10	45	<p>The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks</p>	In addition to MeitY cloud, the experience of building & operating captive cloud system at central/state govt./PSU/or any govt. institution should be added –		Please refer corrigendum
278	Vol I	3.6.1 Sr 11	45	<p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCS project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks.</p>	O&M of safe city should be added. The sole bidder or the consortium (members together) in case of consortium		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
279	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	<p>TQ2: Executing Large Information and Communication Technology projects: The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: Max Marks: 6 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks</p> <p>Supporting Document The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>As there are other multiple criterions related to qualifications of projects, we request to consider Bidder's quality and process certifications and consider giving weightage for the same. as another technical criteria TQ 4 prevails for smart city/ ITMS experience. Having similar sort of criteria may not add value in the project as bidder will/can submit same project under these criteria which are same but defined differently. So we recommend to include a criteria which is more related company's quality certifications. Requesting to revise this criteria as per below:</p> <p>Recommended Revised Criteria:</p> <p>TQ2 : Certifications: The Bidder (collectively all members in case of Consortium) should possess following valid certificates:</p> <ul style="list-style-type: none"> •ISO 20000:2011 for IT Service Management •ISO 27001:2013 for Information Security Management System •ISO 9001:2015 for Quality Management •CMMI Level-3 Certificate <p>Marks shall be allocated as below: Max Marks: 6 Any 3 certifications : 2 marks All 4 certifications : 4 marks CMMI Level-5 Certification : additional 2 marks</p> <p>Supporting Document The sole bidder or any consortium member should submit the following documents Copies of the valid certificate in the name of the bidder.</p>		Please refer corrigendum
280	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	<p>TQ3:Smart City ICCC Projects: The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICCC project of value not less than INR 50 crore each during the last 5 years a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks.</p> <p>Supporting Document The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.</p>	<p>There are other multiple criterions related to qualifications of projects covering various aspects and sub-systems from project and Bidder's experience perspective. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
281	Volume-1	3.6.1 Technical Bid Evaluation Criteria	43	<p>TQ4: Integration Experience- Smart City The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order. Max Marks 10 a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>We request to keep this criterion in line with proposed PQ criterion and give marks based on number of projects qualifying this criterion. Recommended Revised Criteria:</p> <p>TQ3:Project Experience - Traffic Management System</p> <p>The Sole bidder/ Lead Bidder in case of Consortium shall have successfully completed (Go-Live) a project of Integrated Traffic Management System (ITMS) Platform in last 7 years starting 1st Jan 2016 for any Central/State Government, Police, Municipality or Smart City. The ITMS Platform, should have been integrated with at least three of the below mentioned sub-systems in a city. The qualified project should be of minimum value of INR 20 Crores with ITMS Platform and associated integrations being part of it. The project should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live).</p> <p>List of Sub-systems: <ul style="list-style-type: none"> Integration with RLVD (Red Light Violation Detection) System with at least 20 stop line violation detection cameras along with ANPR. Integration with SVD (Speed Violation Detection) System with at least 20 speed detection cameras along with ANPR. Information dissemination to road users with at least 20 VMS (Variable Message Signs). Integration with Adaptive Traffic Control System (ATCS) with at least 20 intersections. Integration with Dial 100. Integration with E-Challan System. </p>		Please refer corrigendum
282	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ6: TES Implementation The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years.</p> <p>Marks shall be allocated based on the number of cameras under single project as follows: Max Marks: 6 a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks</p>	<p>The given criteria get covered in above Technical criteria TQ 4. So having a separate criteria doesn't bring value addition. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
283	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ7:ATCS Experience: The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years.</p> <p>Marks shall be allocated based on the number of controllers under a single project and order. as follows: Max Marks: 6 a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks</p>	<p>We request to keep this criterion in line with proposed PQ criterion and give marks based on number of projects qualifying this criterion.</p> <p>Recommended Revised Criteria: TQ6: Project Experience - ATCS The Sole Bidder (Lead Bidder in case of Consortium) shall have successfully completed (Go-Live), at least 1 project of Implementation of ATCS (Area Traffic Control System), consisting of at least 100 intersections in a single project for any Central/State Government, Police, Municipality or Smart City in last 7 years starting 1st Jan 2016 with minimum value of INR 20 Crores. The qualified project, should have been in Operations & Maintenance (DLP/AMC) for at least 1 year after completion (Go-Live).</p> <p>Marks shall be allotted as below: Max Marks: 10 100-200 Junctions in a single project = 5 Mark 201-300 Junctions in a single project= 7 Marks > 300 Junctions in a single project = 10 Marks</p>		Please refer corrigendum
284	Volume-1	3.6.1 Technical Bid Evaluation Criteria	44	<p>TQ8:IoT Implementation Experience The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of IOT components in a single project as follows. Max Marks: 6 a) >=750 to <1500 IoT Components - 2 marks b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks</p>	<p>We request to revise this criteria to include various other sub-systems and stakeholders integrations in the project and their integration with various use cases to cater to project and city requirements rather than specifying number of IoT devices.</p> <p>Recommended Revised Criteria: TQ7: Central Application The sole Bidder/ any member shall have shall have successfully completed the Implementation of Centralized Traffic Information & Management Software/ Central Control Room Application with integration of below sub-systems for Government Authority/undertaking in India in the last 7 (Seven) Years from the date of submission of bid.</p> <p>Marks shall be allotted as below: Max Marks: 13 List of Integrated Sub-Systems are: •GIS Map – 0.5 Mark •RLVD /Overview Camera – 1 Mark •ANPR Camera – 1 Mark •Adaptive Traffic Control System (ATCS) – 2 Marks •Environmental Sensors – 0.5 Mark •Variable Message Display System – 0.5 Mark •E-Challan Module – 1 Mark •Vahan/ Sarthi RTA database – 1 Mark •Emergency Response Management System (Dial 100) – 2 Marks •Public Address/Emergency Call Box System – 0.5 Mark •Automatic Vehicle Location –1 Mark Social mining Tool i.e. Facebook/ Twitter –2 Marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
285	Volume-1	3.6.1 Technical Bid Evaluation Criteria	45	<p>TQ9:VMD Implementation</p> <p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark</p> <p>b) >=30 to <40 nos. - 4 marks</p> <p>c) >= 40 nos. – 6 marks</p>	<p>The VMD component is covered in above Technical criteria TQ 4 and in TQ 8. So having a separate VMD criteria doesn't bring value addition. So we request to delete this criteria and adjust its marks with other relevant criteria.</p>		Please refer corrigendum
286	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	<p>TQ10: MeitY Cloud Hosting Implementation</p> <p>The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks</p> <p>b) 3 projects = 4 Marks</p> <p>c) 5 or more projects = 6 Marks</p>	<p>The central application hosting on a Meity empaneled or any other cloud provider does not bring any difference in terms of value addition for the project. The Meity empaneled Cloud Hosting can be made a mandatory criterion in technical requirements instead of giving marks for it. So we request you to delete this criterion and adjust marks in other criterions.</p>		Please refer corrigendum
287	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	<p>TQ11:O&M activity of Smart City:</p> <p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live.</p> <p>Max Marks 6</p> <p>a) 2 years O&M completed- 2 marks</p> <p>b) 3 years O&M completed- 4 marks</p> <p>c)4 years and above O&M completed -6 marks.</p>	<p>Since interior work is required as a part of this project scope and there is no criteria defined which evaluate bidder's interior work experience. Also the O&M experience of respective projects can be asked for in respective criterions as recommended in above clauses.</p> <p>Recommended Revised Criteria:</p> <p>TQ8: Project Experience - Interior of Control Centre:</p> <p>The Sole Bidder/ any member in case of consortium shall have successfully completed the design and Interior work like but not limited to (False flooring, False ceiling, Woodwork and Paneling, Paint, Operator Desk, Partitioning and storage etc.) of Command and Control Centre for a project in the last 7 (Seven) years from the date of submission of bid.</p> <p>Marks shall be allotted as below:</p> <p>Max Marks 10</p> <p>1-3 projects = 5 Marks</p> <p>4-6 projects = 7 Marks</p> <p>> 6 Projects = 10 Marks</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
288	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	12. Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section Max Marks :1	1 mark for presentation is not sufficient to evaluate all the parameters so we request to increase presentation marks. Recommended for Revision: 13. Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section Max Marks :15		Please refer corrigendum
289	Volume-1	3.6.1 Technical Bid Evaluation Criteria	46	13. Technical Demonstration / PoC Following parameters will be evaluated during Technical Demonstration: Max Marks: 15 (1) Demonstrate Sub-System Integration with ICCP Platform (Any Three from or as per Authority requirements): (5 Marks) a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA	Temporary Setting up of hardware on field involves time and financial investment . So we request to conduct Technical Demonstration / PoC on the existing project of bidder, wherein bidder needs to demonstrate the required use cases on their existing project. Max Marks 10		Please refer corrigendum
290	vol I	3.6.3 Manpower Evaluation Criteria (3)	50	Solution Architect • MCA/M. Tech/B. Tech/B.E. a) Experience of 5 years as IT/ICT solution architect	kindly ammend this clause Btec with experience to 2 years to encourage number of participants		No change
291	vol I	3.6.3 Manpower Evaluation Criteria (4)	50	Integrated Traffic Management Expert a) Experience of 5 years as Integrated Traffic Management Expert b) Should have experience in designing & implementing Integrated Traffic Management system	kindly ammend this clause experience to 2 years to encourage number of participants		No change
292	vol I	3.6.3 Manpower Evaluation Criteria (5)	50	Security Infrastructure Expert a) Experience of 5 years as Security Infrastructure Expert b) Should have experience in Security Infrastructure Exper	kindly ammend this clause experience to 2 years to encourage number of participants		No change
293	vol I	3.6.3 Manpower Evaluation Criteria (6)	50	Experience of 5 years as Data Management / Analyst d) Should have experience in Data Management / Analyst	kindly ammend this clause experience to 2 years to encourage number of participants		No change
294	vol I	3.6.3 Manpower Evaluation Criteria (7)	50	Business Analyst / Use case/ SOP Expert f) Experience of 5 years as Business Analyst / Use case / SOP Expert g) Should have experience in Business Analyst / Use case / SOP Expert:	kindly ammend this clause experience to 2 years to encourage number of participants		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
295	vol I	3.6.3 Manpower Evaluation Criteria (8)	50	Network Architect i) Experience of 5 years as Network Architect j) Should have experience in Network Architec	kindly ammend this clause experience to 2 years to encorage number of participants		No change
296	vol I	3.6.3 Manpower Evaluation Criteria (9)	50	9. Storage / Server Database Expert l) Experience of 5 years as Storage / Server Database Expert m) Should have experience in Storage / Server Database Exper	kindly ammend this clause experience to 2 years to encorage number of participants		No change
297	vol I	3.6.3 Manpower Evaluation Criteria (1)	50	Project Director / Project ManagerWork experience of 10 years in the capacity of Project Director/ Project Manager in ICT/ Command and Control Center Implementation Project	kindly ammend this clause to experience to 2 years to encorage number of participants		No change
298	vol I	3.6.3 Manpower Evaluation Criteria (2)	50	Integrated Command and Control Centre (ICCC) Expert a) Work experience of 10 years in the capacity of Integrated Command and Control Center Expert	kindly ammend this clause to experience to 2 years to encorage number of participants		No change
299	vol I	3.6.3 Manpower Evaluation Criteria (3)	50	Solution Architect • MCA/M. Tech/B. Tech/B.E. a) Experience of 5 years as IT/ICT solution architec	kindly ammend this clause Btec with experience to 2 years to encorage number of participants		No change
300	vol I	3.6.3 Manpower Evaluation Criteria (5)	50	Security Infrastructure Expert a) Experience of 5 years as Security Infrastructure Expert b) Should have experience in Security Infrastructure Exper	kindly ammend this clause experience to 2 years to encorage number of participants		No change
301	vol I	3.6.3 Manpower Evaluation Criteria (1)	50	Project Director / Project ManagerWork experience of 10 years in the capacity of Project Director/ Project Manager in ICT/ Command and Control Center Implementation Project	kindly ammend this clause to experience to 2 years to encorage number of participants		No change
302	vol I	3.6.3 Manpower Evaluation Criteria (8)	50	Network Architect i) Experience of 5 years as Network Architect j) Should have experience in Network Architec	kindly ammend this clause experience to 2 years to encorage number of participants		No change
303	vol I	3.6.3 Manpower Evaluation Criteria (4)	50	Integrated Traffic Management Expert a) Experience of 5 years as Integrated Traffic Management Expert b) Should have experience in designing & implementing Integrated Traffic Management system	kindly ammend this clause experience to 2 years to encorage number of participants		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
304	vol I	3.6.3 Manpower Evaluation Criteria (2)	50	Integrated Command and Control Centre (ICCC) Expert a) Work experience of 10 years in the capacity of Integrated Command and Control Center Expert	kindly ammend this clause to experience to 2 years to encorage number of participants		No change
305	vol I	3.6.3 Manpower Evaluation Criteria (6)	50	Experience of 5 years as Data Management / Analyst d) Should have experience in Data Management / Analyst	kindly ammend this clause experience to 2 years to encorage number of participants		No change
306	vol I	3.6.3 Manpower Evaluation Criteria (7)	50	Business Analyst / Use case/ SOP Expert f) Experience of 5 years as Business Analyst / Use case / SOP Expert g) Should have experience in Business Analyst / Use case / SOP Expert:	kindly ammend this clause experience to 2 years to encorage number of participants		No change
307	vol-1	6.17.1 intergrated command & control center sl no -8,dc dr,	84	AAA Solution Number 2			No change
308	vol-1	6.17.1 Integrated Command & Control Centre (ICCC) ,(sl no -10)	82	ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	Required at least 2 lot to support the system		No change
309	vol-1	6.17.1 intergrated command & control center sl no-19	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change	Required clarity here as per solution we have 2 60kva ups asked ,so 1 dg set is enough		No change
310	vol-1	6.17.1 Integrated Command & Control Centre (ICCC)sl no 3,	83	SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus Number 30	As per specification 3 monitors have to given where as BoQ shows on 2 monitors. Kindly clarify the number of the monitors to supplied		No change
311	Vol I	6.17.1 Integrated Command & Control Centre (ICCC) ,(sl no -10)	82	ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	request you to ammend as "ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-2 no"	As per souldion for 500 users we suggst 2 PRI lines	No change
312	Vol I	6.17.1 intergrated command & control center sl no-19	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change	request you to ammend as "SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change"-quantity 1 no.	since sufficient power redunadancy has already considered we suggested .2 nos of DIGI set Will have considerable Cost implication on over all project.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
313	Vol I	6.17.1 intergrated command & control center sl no -8,dc dr,	84	AAA Solution		Specification to be specified	Please refer corrigendum
314	vol I	6.17.1 Integrated Command & Control Centre (ICCC(11))	82	SITC of Digital Set top box including recharge Number	kindly ammend that the settop box recharge charges will be borne by the dept(psdcI)		No change
315	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	4 SITC of pedestrain countdown Timer Number 80	Requesting you to modify the clause to the following: 4 SITC of pedestrian countdown Timer Number 160 Justification: As the SITC of Pedestrian Lamp heads- stop & Walkman given in the BoQ is 160, therefore the SITC of pedestrian countdown Timer shall be 160 units as well because these units will be put on the Pedestrian Lamp heads itself.		No change
316	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	7 SITC of Standards Poles for Traffic Signal Number 80	Requesting you to modify the clause to the following: 7 SITC of Standards Poles for Traffic Signal Number 89 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity for standard poles as well. Calculation is as follows: 3 arm junction: 4 nos 4 arm junction: 4 nos 5 arm junction: 5 nos		No change
317	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	8 SITC of Traffic Light Aspect- Red Number 160 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 480 10 SITC of Traffic Light Aspect- Amber Number 160	Requesting you to modify the clause to the following: 8 SITC of Traffic Light Aspect- Red Number 240 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 639 10 SITC of Traffic Light Aspect- Amber Number 240 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity. Lights have been proposed as per the following calculation: 3 arm junction: Red- 9 nos, Amber - 9 nos & Green- 18 nos; 4 arm junction: Red- 12 nos, Amber - 12 nos & Green- 36 nos; 5 arm junction: Red- 15 nos, Amber - 15 nos & Green- 45 nos;		No change
318	vol-1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	86	ITC of Network Switch 24 PORT Number 24 and in sl no 1 controllers numbers 22	Required clarity here as we have controllers and no need for network switches		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
319	vol 1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance(2 1)	86	21 SITC of Intranet Router at DC Number 2 the item qty is missing from capex sheet	As provided in capex quantity is mentioned but in bom the item and quantity are missing. plKindly Clarify on requirevement and quantity	As provided in capex quantity is mentioned but in bom the item and quantity are missing.	Please refer corrigendum
320	vol 1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance(2 2)	86	22 SFP and accessories LS 1 the item qty is missing from capex sheet	As provided in capex quantity is mentioned but in bom the item and quantity are missing. plKindly Clarify on requirevement and quantity	As provided in capex quantity is mentioned but in bom the item and quantity are missing.	Please refer corrigendum
321	vol 1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance(2 3)	86	23 SITC of Backbone routers Number 10 the same qty is missing from capex sheet	As provided in capex quantity is mentioned but in bom the item and quantity are missing. plKindly Clarify on requirevement and quantity	As provided in capex quantity is mentioned but in bom the item and quantity are missing.	Please refer corrigendum
322	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	8 SITC of Traffic Light Aspect- Red Number 160 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 480 10 SITC of Traffic Light Aspect- Amber Number 160	Requesting you to modify the clause to the following: 8 SITC of Traffic Light Aspect- Red Number 240 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 639 10 SITC of Traffic Light Aspect- Amber Number 240 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity. Lights have been proposed as per the following calculation: 3 arm junction: Red- 9 nos, Amber - 9 nos & Green- 18 nos; 4 arm junction: Red- 12 nos, Amber - 12 nos & Green- 36 nos; 5 arm junction: Red- 15 nos, Amber - 15 nos & Green- 45 nos;		Please refer corrigendum
323	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	7 SITC of Standards Poles for Traffic Signal Number 80	Requesting you to modify the clause to the following: 7 SITC of Standards Poles for Traffic Signal Number 89 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity for standard poles as well. Calculation is as follows: 3 arm junction: 4 nos 4 arm junction: 4 nos 5 arm junction: 5 nos		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
324	Volume -i	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	85 of 144	8 SITC of Traffic Light Aspect- Red Number 160 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 480 10 SITC of Traffic Light Aspect- Amber Number 160	Requesting you to modify the clause to the following: 8 SITC of Traffic Light Aspect- Red Number 240 9 SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 639 10 SITC of Traffic Light Aspect- Amber Number 240 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity. Lights have been proposed as per the following calculation: 3 arm junction: Red- 9 nos, Amber - 9 nos & Green- 18 nos; 4 arm junction: Red- 12 nos, Amber - 12 nos & Green- 36 nos; 5 arm junction: Red- 15 nos, Amber - 15 nos & Green- 45 nos;		Please refer corrigendum
325	vol-1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	86	ITC of Network Switch 24 PORT Number 24 and in sl no 1 controllers numbers 22	Required clarity here as we have controllers and no need for network switches		No change
326	vol-1	6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance	86	ITC of Network Switch 24 PORT Number 24 and in sl no 1 controllers numbers 22	Required clarity here as we have controllers and no need for network switches		No change
327	vol I	6.17.8 OFC (2)	102	Supply and laying, testing and commissioning of 24F armoured multitube double sheath single mode OFC (as per ITU T Rec.G.652 D(03/03 or latest)) with 40mm HDPE Duct using HDD method and maintenance for 5 years after commissioning	kindly ammend this clause to over head cabling to cut shot the implementation period extend this period to 12 months time .		No change
328	vol-1	6.17.9 Manpower for Implementation on Phase and O&Msl no -19	103	Office staff, Reception (3 no) Number 3	Required clarity as here operators will be from clients side		No change
329	vol-1	6.17.9 Manpower for Implementation on Phase and O&Msl no 14	103	Helpdesk operator (20 no) Number 20	Required clarity as here operators will be from clients side		No change
330	Vol I	6.17.9 Manpower for Implementation on Phase and O&Msl no 14	103	Helpdesk operator (20 no) Number 20	Require clarity on the ownership of the operators		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
331	vol-I	6.2.10. Access Switch-24 Port –POE	89	Should have minimum 2 nos. SFP based 1 GE ports	Request you to amend as " Should have minimum 4 nos. SFP based 1 GE ports"	with 4 sfp provision the solution will complete.	No change
332	6.2.13 AAA Server	4	94	Must be dedicated appliance based with each appliance supporting 1000 endpoints from day one	Can we propose Virtual software along with HW Server?		No change
333	Volume 1	6.4.2 Indicative Key Outcomes and KPIs	136	xi. Free Left Blocking Violation Detection xv. Driver Talking on Phone while Driving	These traffic VA use cases are mentioned in the scope of work, but they are not in the price bid BOQ or technical and functional specifications of the RFP. We request that you kindly clarify the same and incorporate the same in the price bid BOQ along with quantity and licenses for each violation.		Please refer corrigendum
334	Volume -i	BOQ	85 of 144	Additional Clause:	Kindly add the following line item to the BoQ: 26 Simulation model (per junction) Nos 22 Justification: The simulation model will assist traffic police/operators to visualise the on-ground issues better and act proactively by evaluating multiple strategies. As simulation functionality is asked in the functional specifications of the software, we request you to add the simulation model in the BoQ as well.		No change
335	Volume -i	BOQ	85 of 144	Additional Clause:	Kindly add the following line item to the BoQ: 26 Simulation model (per junction) Nos 22	The simulation model will assist traffic police/operators to visualise the on-ground issues better and act proactively by evaluating multiple strategies. As simulation functionality is asked in the functional specifications of the software, we request you to add the simulation model in the BoQ as well.	No change
336	Volume 1	E Traffic Enforcement System (TES) 9 junction	87	E Traffic Enforcement System (TES) 9 junction 2. SITC of RLVD Overview Camera qty : 15	For 9 junction with 3 arms and 6 lanes, we will require 27 nos. of RLVD. Request you to revise the qty from 15 to 27 nos. for RLVD camera		RLVD to be provided in 5 junction only.
337	Volume 1	E Traffic Enforcement System (TES) 9 junction	87	E Traffic Enforcement System (TES) 9 Junction 8. RLVD Software Application License qty : 15	For 9 junction with 3 arms and 6 lanes, we will require 27 nos. of RLVD software application license.. Request you to revise the qty from 15 to 27 nos. for RLVD application license.		RLVD to be provided in 5 junction only.
338	Volume 1	E Traffic Enforcement System (TES) 9 junction	87	E Traffic Enforcement System (TES) 12 junction 1. SITC of RLVD Overview Camera qty : 28	For 12 junction with 4 arms and 8 lanes, we will require 48 nos. of RLVD. Request you to revise the qty from 28 to 27 nos. for RLVD camera		RLVD to be provided in 7 junction only.
339	Volume 1	E Traffic Enforcement System (TES) 9 junction	87	E Traffic Enforcement System (TES) 12 junction 6. SITC of RLVD Overview Camera qty : 28	For 12 junction with 4 arms and 8 lanes, we will require 48 nos. of RLVD software application license.. Request you to revise the qty from 28 to 48 nos. for RLVD application license.		RLVD to be provided in 7 junction only.

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
340	Vol I	f) Earnest Money Deposit (EMD)	6	Rs. 1,00,00,000/- in the form of Bank Guarantee as per format in RFP Vol-1. The validity for the EMD would be 60 days beyond the original validity period of the bid.	As per Department of Expenditure, Procurement policy Division, Govt of India - Office Memorandum Rule 170 (i) of General Financial Rules (GFR), 2017. dated 25-07-2017, MSME should be exempted from EMD	Hence we request you to waive of the EMD for MSMEs.	Please refer corrigendum
341	Vol I	f) Earnest Money Deposit (EMD)	6	Rs. 1,00,00,000/- in the form of Bank Guarantee as per format in RFP Vol-1. The validity for the EMD would be 60 days beyond the original validity period of the bid.	As per Department of Expenditure, Procurement policy Division, Govt of India - Office Memorandum Rule 170 (i) of General Financial Rules (GFR), 2017. dated 25-07-2017, MSME should be exempted from EMD		Please refer corrigendum
342	vol-1	(c) Smart poles (CCTV, Wi-Fi, Air Quality Monitoring, 5G ready, LED, VMB, ECB)	125	SITC of Smart Pole with all necessary accessories (foundation, brackets, lighting arrestor, civil, network, electrical accessories) (12Mtrs) Number 1	Pole specification not given		Please refer corrigendum
343	Vol I	(k)sl no -2	95	E-Challan handheld device with software application and integration with RTO during implementation and 5 years of O&M Period Lot 2	Required clarity on integration with existing or new ,		Please refer corrigendum
344	vol-1	(M) Smart solution components (i.e., PA, ECB and VMD)	97	1 SITC of PA system (with speakers, UPS and all accessories) (PA for 18 junctions and remaining at various locations across city) Lot 3	Required clarity as per junction how many speakers to install		Please refer corrigendum
345	vol-1	(M)smart solution component (sl no-5)	97	and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controller (with all accessories) Lot 11	Pole specification are not given, please specify		Please refer corrigendum
346	vol-1	(M) smart solution component (sl no-11)	98	SITC of Galvanized poles Number 40	specification are not given, please specify		Please refer corrigendum
347	vol-1	(M) smart solution component (sl no-10)	98	SITC of Outdoor Field Junction Box with all Lot 4	specification are not given, please specify		Please refer corrigendum
348	vol-1	(M) smart solution component (sl no-9)	97	Switches - 8 port Number 40	specification are not given, please specify		Please refer corrigendum
349	Vol I	(M) smart solution component (sl no-15)	98	VMD mounting structure, pole inclusive of all civil, electrical, erection, earthing work with necessary foundation for Variable Messaging Display Number 11	Pole specification are not given, please specify		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
350	vol-1	(M) smart solution component (sl no-9)	97	Switches - 8 port Number 40	specification are not given, please specify		Please refer corrigendum
351	vol-1	(B)Traffic Enforcement System(sl no -105)	124	SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) Year 1,volume1 sl no-15 page no -97,	Required clarity on cable type		Please refer corrigendum
352	vol-1	(B)Traffic Enforcement System(sl no -100)	123	Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer corrigendum
353	vol-1	(B)Traffic Enforcement System(sl no -81)	116	1. SITC of Evidence camera with Illuminator Number 6	Required clarity as per solution entry exit		Please refer corrigendum
354	vol-1	(B)Traffic Enforcement System(sl no -17)	114	17. Pole Mounted Junction Box Number 1200	Required clarity on quantity, as per solution the quantity required quantity will be 180. Please clarify.		Please refer corrigendum
355	vol-1	(B)Traffic Enforcement System(sl no -16)	114	CAT6 Cable Meter 1000	Required clarity on quantity		Please refer corrigendum
356	vol-1	(B)Traffic Enforcement System(sl no -84)	116	evidence camera Software Application License with ICC platform Integration	Required clarity on requirement		Please refer corrigendum
357	vol-1	traffic Enforcement System (TES)E(sl no -6)(page no-87)	87	Galvanized T/L shape poles Number 2	Pole specification have not be specified, please specify		Please refer corrigendum
358	vol-1	(B)Traffic Enforcement System(sl no -14)	114	HDPE Pipe Meter 44	Required clarity on quantity as it looks as very less number		Please refer corrigendum
359	vol-1	(B)Traffic Enforcement System(sl no -116)	124	ITC of Field Junction box Number 40	Required clarity in quantity and specifications		Please refer corrigendum
360	vol-1	(B)Traffic Enforcement System(sl no -12)	114	ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		Please refer corrigendum
361	vol-1	traffic Enforcement System (TES)E(sl no -8)	87	RLVD Software Application License Number 15	Please confirm the number of licenses.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
362	vol-1	(B)Traffic Enforcement System(sl no - 115)	124	SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
363	vol-1	traffic Enforcement System (TES)E(I)	92	SITC of Entry-Exit Management System including covering 2 Lanes at each locations with complete hardware including ANPR cameras, Evidence camera, Local Processing Unit, with cabling, accessories & mounting infrastructure as	As per industry standards, evidence camera are not required for Entry Exit management system. Please clarify / confirm		Please refer corrigendum
364	vol-1	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not ass per requirement. Kindly clarify.		Please refer corrigendum
365	vol-1	traffic Enforcement System (TES)E(sl no - 2)	87	SITC of RLVD Overview Camera Number 15	Required clarity as quantity of evidence cameras V/S anpr are not matching		Please refer corrigendum
366	vol-1	traffic Enforcement System (TES)E(H)	91	SITC of Speed Detection System for covering 2 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non intrusive speed sensor with cabling & mounting infrastructure as required Lot 3	As per industry standards, IR is not part of Evidence camera. Please clarify/confirm the same		Please refer corrigendum
367	vol-1	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator Number 3	Required clarity as per solution svd		Please refer corrigendum
368	Vol I	capex Traffic Enforcement System,Adaptive Traffic Control System (ATCS)(7)	114	7. SITC of Traffic Light Aspect- Red Number 80 and the same item in section no 6.17.2 atcs (page no 85) sl no 8 the numbers are 160	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy .	Please refer corrigendum
369	vol 1	capex Traffic Enforcement System,Adaptive Traffic Control System (ATCS)(8)	114	8.SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) Number 160 and the same item in section 6.17.2 atcs (page no 85)sl no 9 the numbers are 480	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy .	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
370	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(9)	114	9.SITC of Traffic Light Aspect- Amber Number 480 and the same item in section 6.17.2 atcs (page no 85)sl no 10 the numbers are 160	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
371	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(11)	114	11.SITC of Outdoor Field Junction Box with all necessary accessories Number 160 and the item in section 6.17.2 (page no 86)sl no 12 the numbers are 22	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
372	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(13)	114	13. SITC of 24 Port L2 Industrial Grade Switch with POE at edge location Number 22 and the same item in section 6.17.2 atcs (page no 86) sl no 14 the numbers are 44	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
373	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(14)	114	15. HDPE Pipe Meter 44 and the same item in section no 6.17.2 atcs (page no 86)sl no 15 the meters 5000	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
374	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(15)	114	16. DWC pipe Meter 5000 the same item in section no 6.17.2 atcs (page no 86)sl no 16 the meters are 1000	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
375	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(17)	114	17. Pole Mounted Junction Box Number 12000 the same item in section no 6.17.2 atcs (page no 85)sl no 18 the numbers are 80	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum
376	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(16)	114	16. CAT6 Cable Meter 1000 the same item in section no 6.17.2 atcs (page no 86)sl no 17 is meters 12000	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
377	Vol I	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(18)	114	18. SITC of Provisioning of Electrical Meter (One-time Charges) Number 80 the same item in section no.6.17.2 atcs (page no 86) sl no 20 is numbers 22	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy .	Please refer corrigendum
378	vol 1	capex Traffic Enforcement System, Adaptive Traffic Control System (ATCS)(19)	114	19. ATCS Software Application with ICCC integration Lot 24 the same item in section no 6.17.2 atcs (page no 86) sl no 24 lot 1	Bill of material quantity and capex quantity are Discrepancy . Kindly Clarify	Bill of material quantity and capex quantity are Discrepancy .	Please refer corrigendum
379	vol 1	traffic Enforcement System (TES)	115	whether ATCS & RLVD locations are same ? If not request you to please provide the list of locations for RLVD including no. of lanes & arms details per junction.	Kindly Clarify on Location		Please refer corrigendum
380	Vol I	Traffic Enforcement System	114	SITC of 24 Port L2 Industrial Grade Switch with POE at edge location	suggest to remove this line item	Traffic controller has the capability to connect to the network directly hence network switch is not required	No change
381	Vol I	traffic Enforcement System (TES)(sl no - 2)	87	SITC of RLVD Overview Camera	kindly confirm the quantity of RLVD cameras	Discrepancy quantity RLVD and ANPR cameras.	Please refer corrigendum
382	Vol I	traffic Enforcement System (TES)(sl no - 6)(page no-87)	87	Galvanized T/L shape poles quantity 2	Pole specification have not be specified, please specify		Please refer corrigendum
383	Vol I	traffic Enforcement System (TES)(sl no - 8)	87	RLVD Software Application License quantity 15	Please confirm the number of licenses.	Discrepancy quantity RLVD and ANPR cameras	Please refer corrigendum
384	Vol I	traffic Enforcement System (TES)(sl no - 5)	97	Variable Message Display (VMD) and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controller (with all accessories) Lot 11	Pole specification have not be specified, please specify		Please refer corrigendum
385	Vol I	traffic Enforcement System (TES)(H)	91	SITC of Speed Detection System for covering 2 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non intrusive speed sensor with cabling & mounting infrastructure as required Lot 3	As per industry standards, IR is not part of Evidence camera. Please clarify/confirm the same	Discrepancy quantity RLVD and ANPR cameras.	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
386	Vol I	traffic Enforcement System (TES)E(I)	92	SITC of Entry-Exit Management System including covering 2 Lanes at each locations with complete hardware including ANPR cameras, Evidence camera, Local Processing Unit, with cabling, accessories & mounting infrastructure as	As per industry standards, evidence camera are not required for Entry Exit management system. Please clarify / confirm	Discrepancy quantity RLVD and ANPR cameras.	Please refer corrigendum
387	Vol I	traffic Enforcement System (TES)(sl no 4)	93	Galvanized T/L shape poles Number 8	Pole specification are not given, please specify		Please refer corrigendum
388	Vol I	(B)Traffic Enforcement System(sl no - 14)	114	HDPE Pipe Meter 44	Suggest to Ammend the quaity as " 5000 Mtrs"	As per solution asked the quantity mentioned will not be suffiecient.	Please refer corrigendum
389	Vol I	(B)Traffic Enforcement System(sl no - 16)	114	CAT6 Cable Meter 1000	Suggest to Ammend the quaity as " 12000 Mtrs"	As per solution asked the quantity mentioned will not be suffiecient.	Please refer corrigendum
390	Vol I	(B)Traffic Enforcement System(sl no - 17)	114	17. Pole Mounted Junction Box quantity 12000	Kindly Clarify the Quantities	As per solution given the required quantity is 180.	Please refer corrigendum
391	Vol I	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not as per requirement. Kindly clarify.	Discrepancy in quantity RLVD and ANPR cameras.	Please refer corrigendum
392	Vol I	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator	Kindly clarify the requiement of illuminator	IR illuminators are not required for SVDs	Please refer corrigendum
393	Vol I	(B)Traffic Enforcement System(sl no - 60)	116	Galvanized T/L shape poles	Pole specification are not given, please specify		Please refer corrigendum
394	Vol I	(B)Traffic Enforcement System(sl no - 81)	116	1. SITC of Evidence camera with Illuminator	Require clarity as per entry exit solution	IR illuminators are not required for Evidence	Please refer corrigendum
395	Vol I	(B)Traffic Enforcement System(sl no - 84)	116	Evidence camera Software Application License with ICC platform Integration	Clarify the required quantities		Please refer corrigendum
396	Vol I	(B)Traffic Enforcement System(sl no - 100)	123	Video Analytics (VA) on all cameras License per camera	Clarify the required quantities	plese give clarity on type of analitics in quantities	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
397	Vol I	(B)Traffic Enforcement System(sl no - 105) 7 6.17.8 OFC (sl no 2)	124 &102	SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km)	Confirm the number of cores for OFC	Discrepancy in number of cores OFC.	Please refer corrigendum
398	vol-1	traffic Enforcement System (TES)E(I)	92	SITC of Entry-Exit Management System including covering 2 Lanes at each locations with complete hardware including ANPR cameras, Evidence camera, Local Processing Unit, with cabling, accessories & mounting infrastructure as	As per industry standards, evidence camera are not required for Entry Exit management system. Please clarify / confirm		No change
399	vol-1	traffic Enforcement System (TES)E(H)	91	SITC of Speed Detection System for covering 2 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non intrusive speed sensor with cabling & mounting infrastructure as required Lot 3	As per industry standards, IR is not part of Evidence camera. Please clarify/confirm the same		Please refer corrigendum
400	vol-1	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not ass per requirement. Kindly clarify.		Please refer corrigendum
401	vol-1	traffic Enforcement System (TES)E(sl no - 8)	87	RLVD Software Application License Number 15	Please confirm the number of licenses.		Please refer corrigendum
402	vol-1	(B)Traffic Enforcement System(sl no - 60)	116	Galvanized T/L shape poles Number 3	Pole specification are not given, please specify		Please refer corrigendum
403	vol-1	traffic Enforcement System (TES)(sl no 4)	93	Galvanized T/L shape poles Number 8	Pole specification are not given, please specify		Please refer corrigendum
404	vol-1	traffic Enforcement System (TES)E(sl no - 6)(page no-87)	87	Galvanized T/L shape poles Number 2	Pole specification have not be specified, please specify		Please refer corrigendum
405	vol-1	(B)Traffic Enforcement System(sl no - 81)	116	1. SITC of Evidence camera with Illuminator Number 6	Required clarity as per solution entry exit		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
406	vol-1	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator Number 3	Required clarity as per solution svd		Please refer corrigendum
407	vol-1	traffic Enforcement System (TES)E(sl no - 2)	87	SITC of RLVD Overview Camera Number 15	Required clarity as quantity of evidence cameras V/S anpr are not matching		Please refer corrigendum
408	vol-1	(B)Traffic Enforcement System(sl no - 115)	124	SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
409	vol-1	(B)Traffic Enforcement System(sl no - 116)	124	ITC of Field Junction box Number 40	Required clarity in quantity and specifications		Please refer corrigendum
410	vol-1	(B)Traffic Enforcement System(sl no - 12)	114	ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		Please refer corrigendum
411	vol-1	(B)Traffic Enforcement System(sl no - 17)	114	17. Pole Mounted Junction Box Number 1200	Required clarity on quantity, as per solution the quantity required quantity will be 180. Please clarify.		Please refer corrigendum
412	vol-1	(B)Traffic Enforcement System(sl no - 100)	123	Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer corrigendum
413	vol-1	(B)Traffic Enforcement System(sl no - 84)	116	evidence camera Software Application License with ICCC platform Integration	Required clarity on requirement		Please refer corrigendum
414	vol-1	(B)Traffic Enforcement System(sl no - 12)	114	ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		Please refer corrigendum
415	vol-1	(B)Traffic Enforcement System(sl no - 16)	114	CAT6 Cable Meter 1000	Required clarity on quantity		Please refer corrigendum
416	vol-1	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator Number 3	Required clarity as per solution svd		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
417	vol-1	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not ass per requirement. Kindly clarify.		Please refer corrigendum
418	vol-1	(B)Traffic Enforcement System(sl no - 60)	116	Galvanized T/L shape poles Number 3	Pole specification are not given, please specify		Please refer corrigendum
419	vol-1	(B)Traffic Enforcement System(sl no - 81)	116	1. SITC of Evidence camera with Illuminator Number 6	Required clarity as per solution entry exit		Please refer corrigendum
420	vol-1	(B)Traffic Enforcement System(sl no - 117)	124	SITC of Galvanized poles Number 40	Required clarity in quantity and specifications		Please refer corrigendum
421	vol-1	(B)Traffic Enforcement System(sl no - 115)	124	SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
422	vol-1	(B)Traffic Enforcement System(sl no - 105)	124	SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) Year 1,volume1 sl no-15 page no -97,	Required clarity on cable type		Please refer corrigendum
423	vol-1	traffic Enforcement System (TES)E(sl no - 2)	87	SITC of RLVD Overview Camera Number 15	Required clarity as quantity of evidence cameras V/S anpr are not matching		Please refer corrigendum
424	vol-1	traffic Enforcement System (TES)E(sl no - 8)	87	RLVD Software Application License Number 15	Please confirm the number of licenses.		Please refer corrigendum
425	vol-1	traffic Enforcement System (TES)E(sl no - 6)(page no-87)	87	Galvanized T/L shape poles Number 2	Pole specification have not be specified, please specify		Please refer corrigendum
426	vol-1	traffic Enforcement System (TES)E(H)	91	SITC of Speed Detection System for covering 2 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non intrusive speed sensor with cabling & mounting infrastructure as required Lot 3	As per industry standards, IR is not part of Evidence camera. Please clarify/confirm the same		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
427	vol-1	traffic Enforcement System (TES)(sl no 4)	93	Galvanized T/L shape poles Number 8	Pole specification are not given, please specify		Please refer corrigendum
428	vol-1	traffic Enforcement System (TES)(sl no - 5)	97	Variable Message Display (VMD) and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controller (with all accessories) Lot 11	Pole specification have not be specified, please specify		Please refer corrigendum
429	vol-1	(B)Traffic Enforcement System(sl no - 16)	114	CAT6 Cable Meter 1000	Required clarity on quantity		Please refer corrigendum
430	vol-1	(B)Traffic Enforcement System(sl no - 14)	114	HDPE Pipe Meter 44	Required clarity on quantity as it looks as very less number		Please refer corrigendum
431	vol-1	(B)Traffic Enforcement System(sl no - 12)	114	ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		Please refer corrigendum
432	vol-1	(B)Traffic Enforcement System(sl no - 84)	116	evidence camera Software Application License with ICC platform Integration	Required clarity on requirement		Please refer corrigendum
433	vol-1	(B)Traffic Enforcement System(sl no - 81)	116	1. SITC of Evidence camera with Illuminator Number 6	Required clarity as per solution entry exit		Please refer corrigendum
434	vol-1	(B)Traffic Enforcement System(sl no - 60)	116	Galvanized T/L shape poles Number 3	Pole specification are not given, please specify		Please refer corrigendum
435	vol-1	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator Number 3	Required clarity as per solution svd		Please refer corrigendum
436	vol-1	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not ass per requirement. Kindly clarify.		Please refer corrigendum
437	vol-1	(B)Traffic Enforcement System(sl no - 100)	123	Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
438	vol-1	(B)Traffic Enforcement System(sl no -117)	124	SITC of Galvanized poles Number 40	Required clarity in quantity and specifications		Please refer corrigendum
439	vol-1	(B)Traffic Enforcement System(sl no -116)	124	ITC of Field Junction box Number 40	Required clarity in quantity and specifications		Please refer corrigendum
440	vol-1	(B)Traffic Enforcement System(sl no -105)	124	SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) Year 1,volume1 sl no-15 page no -97,	Required clarity on cable type		Please refer corrigendum
441	vol-1	traffic Enforcement System (TES)E(sl no -8)	87	RLVD Software Application License Number 15	Please confirm the number of licenses.		Please refer corrigendum
442	vol-1	traffic Enforcement System (TES)E(sl no -6)(page no-87)	87	Galvanized T/L shape poles Number 2	Pole specification have not be specified, please specify		Please refer corrigendum
443	vol-1	traffic Enforcement System (TES)E(sl no -2)	87	SITC of RLVD Overview Camera Number 15	Required clarity as quantity of evidence cameras V/S anpr are not matching		Please refer corrigendum
444	vol-1	traffic Enforcement System (TES)E(H)	91	SITC of Speed Detection System for covering 2 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non intrusive speed sensor with cabling & mounting infrastructure as required Lot 3	As per industry standards, IR is not part of Evidence camera. Please clarify/confirm the same		Please refer corrigendum
445	vol-1	traffic Enforcement System (TES)(sl no 4)	93	Galvanized T/L shape poles Number 8	Pole specification are not given, please specify		Please refer corrigendum
446	vol-1	traffic Enforcement System (TES)E(sl no -5)	97	Variable Message Display (VMD) and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controller (with all accessories) Lot 11	Pole specification have not be specified, please specify		Please refer corrigendum
447	vol-1	(B)Traffic Enforcement System(sl no -100)	123	Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer corrigendum
448	vol-1	(B)Traffic Enforcement System(sl no -105)	124	SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) Year 1,volume1 sl no-15 page no -97,	Required clarity on cable type		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
449	vol-1	(B)Traffic Enforcement System(sl no - 115)	124	SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
450	vol-1	(B)Traffic Enforcement System(sl no - 12)	114	ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		Please refer corrigendum
451	vol-1	(B)Traffic Enforcement System(sl no - 14)	114	HDPE Pipe Meter 44	Required clarity on quantity as it looks as very less number		Please refer corrigendum
452	vol-1	(B)Traffic Enforcement System(sl no - 16)	114	CAT6 Cable Meter 1000	Required clarity on quantity		Please refer corrigendum
453	vol-1	(B)Traffic Enforcement System(sl no - 17)	114	17. Pole Mounted Junction Box Number 1200	Required clarity on quantity, as per solution the quantity required quantity will be 180. Please clarify.		Please refer corrigendum
454	vol-1	(B)Traffic Enforcement System(sl no - 33)	116	SITC of Red Light Voilation Detection (RLVD) System including No Helmet Detection, and Triple Riding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as	BoQ for the said items are not ass per requirement. Kindly clarify.		Please refer corrigendum
455	vol-1	(B)Traffic Enforcement System(sl no - 54)	116	SITC of SVD Camera with illuminator Number 3	Required clarity as per solution svd		Please refer corrigendum
456	vol-1	(B)Traffic Enforcement System(sl no - 60)	116	Galvanized T/L shape poles Number 3	Pole specification are not given, please specify		Please refer corrigendum
457	vol-1	(B)Traffic Enforcement System(sl no - 81)	116	1. SITC of Evidence camera with Illuminator Number 6	Required clarity as per solution entry exit		Please refer corrigendum
458	vol-1	(B)Traffic Enforcement System(sl no - 84)	116	evidence camera Software Application License with ICCC platform Integration	Required clarity on requirement		Please refer corrigendum
459	vol-1	(B)Traffic Enforcement System(sl no - 116)	124	ITC of Field Junction box Number 40	Required clarity in quantity and specifications		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
460	vol-1	(B)Traffic Enforcement System(sl no - 117)	124	SITC of Galvanized poles Number 40	Required clarity in quantity and specifications		Please refer corrigendum
461	vol-1	traffic Enforcement System (TES)E(sl no - 2)	87	SITC of RLVD Overview Camera Number 15	Required clarity as quantity of evidence cameras V/S anpr are not matching		Please refer corrigendum
462	vol-1	traffic Enforcement System (TES)E(sl no - 6)(page no-87)	87	Galvanized T/L shape poles Number 2	Pole specification have not be specified, please specify		Please refer corrigendum
463	vol-1	traffic Enforcement System (TES)E(sl no - 8)	87	RLVD Software Application License Number 15	Please confirm the number of licenses.		Please refer corrigendum
464	vol-1	(B)Traffic Enforcement System(sl no - 115)	124	SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
465	vol-1	(B)Traffic Enforcement System(sl no - 100)	123	Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer corrigendum
466	vol-1	no serial number	128	GIS integration with ICCC platform Lot	Required clarity on qty and serial number not assigned		Please refer corrigendum
467	vol-1	manpower for Implementation Phase and O&M Phase for 5 Years	128	Office staff, Reception (3 no)	Request is client scope		No change
468	vol-1	General Surveillance sl no -15	97	SITC of Access/ overhead armoured OFC (as per ITU-T Rec.G.652 D(03/03 or latest)) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) to connect various elements	The said standard available only with one specific OEM. Kindly remove the same		Please refer corrigendum
469	vol-1	no serial number	128	supply and laying ,testing and commissioning of 1 X 24F armored multitude double sheath single mode OFC (G.652D) with 40mm HDPE Duct using HDD method and maintenance for 5 years after commissioning	Required clarity on this only one OEM vendor available for this product		Please refer corrigendum
470	Vol I	General Surveillance sl no -15	97	SITC of Access/ overhead armoured OFC (as per ITU-T Rec.G.652 D(03/03 or latest)) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) to connect various elements	Request to ammed as "SITC of Access/ overhead armoured OFC , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) to connect various elements"	The said standard available only with one specific OEM	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
471	Vol I	manpower for Implementation Phase and O&M Phase for 5 Years	128	Office staff, Reception (3 no)	We request you to consider the Office staff, Reception to be under PSCDL Scope.		No change
472	vol I	PRICE AND VALIDITY	109	• We hereby confirm that our prices include all taxes, charges, levies etc. to be payable to various govt./non-govt./local authorities.	kindly ammend this clause to no tax as this a government rproject and		No change
473	vol-1	manpower for Implementation Phase and O&M Phase for 5 Years	128	Office staff, Reception (3 no)	Request is client scope		No change
474	vol-1	no serial number	128	GIS integration with ICCCL platform Lot	Required clarity on qty and serial number not assigned		Please refer corrigendum
475	Volume 1	General		This RFP is covered under Integrity Pact Program of RailTel and bidders are required to sign the Integrity Pact and submit the same to RailTel along with the bids. RFP received without signed copy of the Integrity Pact document shall be liable to be REJECTED	High Importance The RFP states a mandatory requirement of signing the Integrity Pact however, no format for the Integrity Pact is attached. Authority to confirm and provide the format		Please refer corrigendum
476	Volume 1	12 Annexure 8 - Format for Power of Attorney to Authorize Signatory	142	The Mode of execution of the power of attorney should be in accordance with the procedure, if any laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.	As per the companies act, the common seal is voluntary. In view thereof, we have opted out of the requirement. Therefore, request you to please remove this requirement of common seal.		No change
477	Volume 1	L. General Surveillance	96	L. General Surveillance 8. Video management system (supporting open standard / ONVIF) - camera license (460 new cameras + 100 Existing IP cameras)	Request you to provide make/ model of existing IP cameras.		Please refer relevant clauses of RFP
478	Volume 1	L. General Surveillance	96	L. General Surveillance 10. Video Analytics (VA) on all cameras	You have asked for below analytics as per compliacne: Perimeter Trip wire/Crossing Virtual line, Loitering Detection, AI Based Unattended Object Detection, AI Based Classification of objects like person, vehicle, or animals, AI Based Tripwire/intrusion detection, AI Based Camera Tampering Detection, AI Based asset protection, Grouping, crowding and Person waving, no helmet detection, Triple ride detection, no seat belt detection and accident detection, Garbage Bin Full and Cleared Detection, Detection of Debris on the Road Detection of Stray Animals on Road, Attribute search Analytics (Search person by Dress , Attire, appearance , age etc). Do we have to consider all above licenses on single camera, Pls confirm. Also as per standard practice in CCTV, analytics are not applied on PTZ camera. Confirm if we have to consider analytics license for PTZ too.		Please refer relevant clauses of RFP
479	vol-1	(k)sl no -2	95	E-Challan handheld device with software application and integration with RTO during implementation and 5 years of O&M Period Lot 2	Required clarity on integration with existing or new ,		Please refer relevant clauses of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
480	Volume 1	Manpower for Implementation on Phase and O&M Phase for 5 Years	129	Helpdesk operator (20 no) - for 6 months Business Analyst/Use case/SOP Expert - 1 no -for 6 months Office staff, Reception (3 no) -for 6 months	Manpower like Helpdesk operator , business analyst , office staff at reception are required during O&M phase and not during implementation phase. Hence we request to re-look into the implementation manpower requirement and define the minimum and relevant manpower.		Please refer relevant clauses of RFP
481	Volume 1	Manpower for Implementation on Phase and O&M Phase for 5 Years	131	The Authority will decide total Man months/man power required during O&M phase Bidder is required to quote for the following staff.	The operational manpower cost is required to be quoted under S.No 10 of 7.4 Price component for OPEX. While the man month required during O&M phase is not confirmed. Kindly let us know the man month numbers each listed resource for budget calculation.		Please refer relevant clauses of RFP
482	vol-1	General Surveillance sl no -15	97	SITC of Access/ overhead armoured OFC (as per ITU-T Rec.G.652 D(03/03 or latest)) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) to connect various elements	The said standard available only with one specific OEM. Kindly remove the same		Please refer corrigendum
483	vol-1	(k)sl no -2	95	E-Challan handheld device with software application and integration with RTO during implementation and 5 years of O&M Period Lot 2	Required clarity on integration with existing or new ,		Please refer relevant clauses of RFP
484	Vol I	Sr 6	44		"50 AI/ML based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years....1. 1 project – 2 marks 2. 3 projects – 4 marks 3. 4 or more projects – 6 marks		Please refer corrigendum
485					should have experience in O&M activity of Smart City ICCCC/ Safe City project along with ITMS in a single project – 1. 1 year of O&M completed – 2 marks 2. 2 years of O&M completed – 4 marks 3. 3 years of O&M completed – 6 marks		Please refer corrigendum
486	III	Cloud Services specifications, sl no (13, 27)	127, 129	"SIEM & SOAR (CSP / CSP marketplace)" & "Cloud Service Providers must offer Cloud native/ 3rd party SIEM Marketplace solutions turnkey SIEM offering by which customers can configure real-time analysis and alerting of security events. At a minimum, the integration or service must support alerting, log retention and some form of forensic analysis that is able to search across logs and periods of time for patterns."	1. In the (6.3) Cloud Services to deploy all smart solutions under cloud specifications, mentioned CSP should provide the services. Request to help with the detailed specifications for Security Information and Event Management (SIEM), Security Orchestration, Automation, and Response (SOAR). Which is necessary for our evaluation and proposal preparation. 2 Additional, we request to include UEBA in the project scope to enhance cybersecurity. Please consider this valuable addition to strengthen and defense against potential threats. And kindly request to consider Full Fledged UEBA solution which will be capable of monitoring entity behavior as well in addition to user behaviour. 3 The integration of SIEM, SOAR, and UEBA will help with a comprehensive security ecosystem that proactively identifies, responds to, and mitigates security risks. It will enable and strengthen defense against emerging threats and ensure the confidentiality, integrity, and availability of critical systems and data. 4 Please help with details of EPS count of SIEM, log retention period of data in offline and online and details on DC & DR		Please refer corrigendum

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487	Volume III - Master Service Agreement	PART C – SERVICE LEVELS 64.Measurement of SLA	47	b) Maximum Penalty applicable for any quarter shall not exceed 30% of the 'payment due' for the respective quarter.	The maximum penalty for SLA breach during O&M phase is extremely high and not in line with the industry practice or benchmarks set by MoUD, JICA, ADB, World Bank, FIDIC. Smart City projects like Dholera Industrial City Development Limited (DICDL), Aligarh Smart City, Moradabad Smart City and Saharanpur Smart City have capped maximum penalty @ 10% of the OPEX value for each quarter. We request RailTel to kindly aligned the % of maximum penalty with industry practice.		Please refer corrigendum
488	Volume III - Master Service Agreement	PART B – SPECIAL CONDITIONS OF AGREEMENT 47.Liquidated Damages & PART C – SERVICE LEVELS 64.Measurement of SLA & Annexure IV- Service Levels A.4.1. Measurements & Targets	34 & 46 56	47.Liquidated Damages - The deduction shall not in any case exceed 10 % of 1.5 times the value of Performance Guarantee and upon reaching such limit, the Authority shall, in its sole discretion, be entitled to terminate the Agreement..... Penalty for non-achievement of SLA Requirement- Any delay in the delivery of the Project Deliverables (Solely attributable to vendor) would attract a liquidated damage per week of 0.2% of the CAPEX of Agreement value per week for first 8 weeks and 0.3% per week for every subsequent week. If the liquidated damage reaches 10% of the total Agreement value, Authority may invoke termination Article. Total liquidated damages to be levied on the SI shall be capped at 10% of the total agreement value. However, Authority would have right to invoke termination of the contract in case the overall liquidated damages equal 10% of total agreement value. Liquidated damages to be levied during Post Implementation period shall be capped at 10% of the OPEX value. Authority shall also have right to invoke termination of contract in case cumulative debit point (breach points) are above 30 in 2	The Liquidated damages capping mentioned on Page 34 - 47.Liquidated Damages is 10 % of 1.5 times the value of Performance Guarantee where as the Liquidated damages capping mentioned on Page 46 - Penalty for non-achievement of SLA Requirement and Page 56 - A.4.1. Measurements & Targets is capped at 10% of the total Agreement value. We request RailTel to kindly clarify which % of capping of Liquidated Damages is applicable?		Please refer corrigendum
489		Additional		City back bone network architecture	Request to mention no-of street layer switches and aggregation layer and core layer to design	Street layer switch (PoE/Non-PoE) and Access router and aggregation router throughput will change according to population and design approach . Request to share design topology along with interface details.	Please refer relevant clauses of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
490				Secondary Storage	Please include the secondary storage Specification	The secondary storage devices must be included as part of solutions to improving the performance of the primary storage devices. it provides data protection and archiving features at lower costs.Request to add secondary storage detailed specification	Please refer relevant clauses of RFP
491				Backup softwre solution	Please include the Backup software Solution Specification	The Backup software must be included to handle processes such as data deduplication that reduce the amount of physical space required to store data. Backup software also enforces policies that govern how often specific data is backed up, how many copies are made and where backups are stored	Please refer relevant clauses of RFP
492	Vol I	Integration Experience Smart City	43	<p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-andControl center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD)/Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order. a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.	<p>We request you to change the "Flood sensors and Smart pole" with "any Sensor or oT devices". flood sensors and smart poles needs to be swapped Justification :</p> <p>Specific sensors may not be applicable on majority of the projects and therefore Sis may have limitation in Flood base sensors / Smart pole. This will make some specific SI to participate and may not be a healthy competition which ultimately benefits customer.</p>	Please refer corrigendum

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493	Vol I	ICCC OEM Experience	44	The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCC with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks	The Bidder should submit the following documents duly indicating OEM details. 1. P.O Copy and Completion Certificate / Installation Notes/UAT Certificates from the MSI / SI as documentary proof.	We request you to consider " OnGoing Projects" also. remove completion Justification : There are many Sis who are working on big project and are on the "on going" status. This will make more SI to participate and make the healthy competition which will benefit customer.	Please refer corrigendum
494	Vol I	IoT Implementation Experience	44 and 45	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.	We request you to change Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks TO a) >=500 to <750 IoT Components - 2 mark b) > 750 to <1000 IoT components - 4 marks c) > 1000 IoT components – 6 marks Justification : This will make more OEMs /SI to participate since the no of IoT devices may very dpepnding upon the demand of Project	Please refer corrigendum
495						We are giving SOLUTIONS ALONG WITH SMF BATTERIES with a brand of Exide /Amarraja/Okaya,We request you to kindly consider this SMF battery solution instead of Lithium Ion batteries for 60KVA UPS	No change
496						As per the RFP min 200 nos for 3Ph Unitary UPS & min. 10000 nos for Modular UPS (for ICCC/DC) ,We are giving SNMP card for Event log in display,request to consider SNMP CARD Solution	No change

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497				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no- 1	Complete end to end fault & Performance monitoring 1. Network zero trust Access 2. IPAM (IP Address Management)	This is OEM specific and not part of the EMS Solution, we request that the zero trust and IPAM to be excluded from EMS Scope	No change
498				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no- 4	The tool must be certified by PinkVerify or equivalent for ITIL v3 on incident management, change management and availability management processes and certificate must be provided when sought	We request that the foreign certification requirements such as Pink Verify be removed in line to make in India initiative of Govt of India &	No change
499				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no-6	The solution should be a unified system which can monitor networks, servers, apps and any IT or Non-IT Communicable device (ex.: RF device, etc.)	we understand that non it communicable devices here means devices which support ip based monitoring, kindly confirm	No change
500				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-10	Provides the option to have the portal account to the end customers with restricted views limits to their specific infrastructure. System should have the capability to be implement in DMZ and non-DMZ zone with adequate security.	we understand that web-based gui is to be provided for end customers only to log incident ticket and tracking , kindly confirm.	No change
501				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-16	System should have a bi-directional integrated NCCM tool with option to use NCCM features in future easily by enabling the license for it without having to do any additional installations. The integration should allow assets and topology to sync from the NMS module to the NCCM features for helping in Root-Cause-Analysis of faults	NCCM term is oem specific, we understand that network configuration mgmt is required t be part of the proposed EMS, kindly confirm.	No change
502				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-20	Automatically learn devices that supports SNMP, HTTP, Ping, SMTP, POP3, WMI,JMX, SOAP, REST API,PDC, SSH and Telnet along with any required protocol to communicate to the devices.	this is OEM-specific, we request to make this clause more generic with open rest-based integration and update the clause as "Automatically learn devices that supports SNMP, HTTP, Ping, SMTP, POP3, WMI,JMX, SOAP, open standards REST API based protocol to communicate to the devices"	No change
503				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-24	All thresholds should have set point , reset point, polarity , set point message and reset point message for ease of use.	set point , reset point, polarity , set point message are oem specific. We request to ammend the clause as follows to allow participation of more OEMs "All thresholds should have metrics to be configured based upon min/max values for ease of use."	No change

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504				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-23	Configurable parameters like frequency, data duration, resolution duration, sigma-based polarity value , reset points should be available	This is specific clause for oem. Please make it more generic by removing sigma based polarity and amending the clause as follows "Configurable parameters like frequency, data duration, resolution duration specific to tickets should be available"	No change
505				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-23	Provide online and offline reports that allow the user to view the present usage of their devices. Reports generates should be exportable in the format of HTML, PDF, Excel and CSV. Allows end-users to browse all reports using any web browser like Internet Explorer, Mozilla Firefox, Google Chrome etc. without the need to install any report specific software	offline report means reports that are downloaded for reference, kindly confirm.	No change
506				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-46	The tool should have Integrated Web based feature to build Network Diagram, No separate client window to configure network Diagram. The builder should be similar to MS Visio with all pre-loaded shapes and icons.	This is the oem specific clause. Please make it generic by amending the clause as follows: "The tool should have Integrated Web based feature to build a custom Network Topology, The custom network topology should allow to create topology in addition to auto discovered topology."	No change
507				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-52	Tool must provide option for target CLI-based network device vulnerability detection based on their model number and firmware version. It should also provide options to remedy the vulnerabilities with help of pre-configured scripts for certain vulnerability types.	Vulnerabilities are related to security solutions, so we request to relax this scope from EMS requirement	No change
508				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-53	Tool must provide option to perform standard compliance checks like PCI-DSS, NIST, DISA etc. across all target CLI-based network devices	This is specific for security solution and we request to remove this clause.	No change
509				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-57	Tool must provide an option for taking remote access via Telnet / SSH to target CLI-based Network Devices with an option to record all sessions to capture all commands being executed on the remote devices. The tool must allow session relay wherein a higher-privileged user can view the ongoing CLI session of a lower-privileged user in real-time from the tool GUI. The sessions should be saved for historical analysis with flexible filter options like searching for sessions in which a particular command has been executed.	Remote access is not part of the NMS solution and taken care by 3rd party solutions like AAA, we request to kindly remove this from EMS scope.	No change

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510				PSCDL RFP Vol-II_v3.0, page no 192, section 6.5, point no-75	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	We understand that open standards/REST based interation can be done for 3rd party integratino ,kindly confirm	No change
511				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-79	All the actions taken during the remote access should be recorded and have ability to audit them later.	Remote access is not part of the NMS solution and taken care by 3rd party solutions like AAA, we request to kindly remove this from EMS scope.	No change
512				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-77	The system should allow remote access to the internal network via a Zero Trust system and no use of VPN or agents.		No change
513				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-78	Only specific protocols like SSH, RDP, Telnet , VNC which are essential for remote access should be allowed		No change
514				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-79	All the actions taken during the remote access should be recorded and have ability to audit them later.		No change
515				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-80	All remote access should be authenticated and all devices a user has access should be pre-allocated		No change
516				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-81	The system should have ability to authenticate access to any device via Single sign on and password should not be exposed to users		No change
517				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-82	All CLI session should have command control, any command that is not authorized cannot be used and session should be terminated		No change
518				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-83	Administrator should be able to view the live session of any ongoing session and can terminate them also		No change
519				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-84	Any file being transferred should be via the Zero trust system. File will be scanned for virus and only then be transferred to the target location		No change
520				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-85	Time based; temporary users should be configurable in the system		No change
521				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-86	IPAM solution should have complete IP discovery, IP management with historical tracking	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
522				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-87	IPAM should have IP Grouping, Subgrouping and role and privileged based access.	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
523				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-88	Support both IPv4 and V6 along with IP Classes and VLSM based	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
524				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no- 1	Complete end to end fault & Performance monitoring 1. Network zero trust Access 2. IPAM (IP Address Management)	This is OEM specific and not part of the EMS Solution, we request that the zero trust and IPAM to be excluded from EMS Scope	No change
525				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no- 4	The tool must be certified by PinkVerify or equivalent for ITIL v3 on incident management, change managementand availability management processes and certificate must be provided when sought	We request that the foreign certification requirements such as Pink Verify be removed in line to make in India initiative of Govt of India &	No change

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526				PSCDL RFP Vol-II_v3.0, page no 188, section 6.5, point no-6	The solution should be a unified system which can monitor networks, servers, apps and any IT or Non-IT Communicable device (ex.: RF device, etc.)	we understand that non it communicable devices here means devices which support ip based monitoring, kindly confirm	No change
527				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-10	Provides the option to have the portal account to the end customers with restricted views limits to their specific infrastructure. System should have the capability to be implement in DMZ and non-DMZ zone with adequate security.	we understand that web-based gui is to be provided for end customers only to log incident ticket and tracking , kindly confirm.	No change
528				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-16	System should have a bi-directional integrated NCCM tool with option to use NCCM features in future easily by enabling the license for it without having to do any additional installations. The integration should allow assets and topology to sync from the NMS module to the NCCM features for helping in Root-Cause-Analysis of faults	NCCM term is oem specific, we understand that network configuration mgmt is required t be part of the proposed EMS, kindly confirm.	No change
529				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-20	Automatically learn devices that supports SNMP, HTTP, Ping, SMTP, POP3, WMI,JMX, SOAP, REST API,PDC, SSH and Telnet along with any required protocol to communicate to the devices.	this is OEM-specific, we request to make this clause more generic with open rest-based integration and update the clause as "Automatically learn devices that supports SNMP, HTTP, Ping, SMTP, POP3, WMI,JMX, SOAP, open standards REST API based protocol to communicate to the devices"	No change
530				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-24	All thresholds should have set point , reset point, polarity , set point message and reset point message for ease of use.	set point , reset point, polarity , set point message are oem specific. We request to ammend the clause as follows to allow participation of more OEMs "All thresholds should have metrics to be configured based upon min/max values for ease of use."	No change
531				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-23	Configurable parameters like frequency, data duration, resolution duration, sigma-based polarity value , reset points should be available	This is specific clause for oem. Please make it more generic by removing sigma based polarity and ammending the clause as follows "Configurable parameters like frequency, data duration, resolution duration specific to tickets should be available"	No change

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532				PSCDL RFP Vol-II_v3.0, page no 189, section 6.5, point no-23	Provide online and offline reports that allow the user to view the present usage of their devices. Reports generates should be exportable in the format of HTML, PDF, Excel and CSV. Allows end-users to browse all reports using any web browser like Internet Explorer, Mozilla Firefox, Google Chrome etc. without the need to install any report specific software	offline report means reports that are downloaded for reference, kindly confirm.	No change
533				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-46	The tool should have Integrated Web based feature to build Network Diagram, No separate client window to configure network Diagram. The builder should be similar to MS Visio with all pre-loaded shapes and icons.	This is the oem specific clause. Please make it generic by amending the clause as follows: "The tool should have Integrated Web based feature to build a custom Network Topology, The custom network topology should allow to create topology in addition to auto discovered topology."	No change
534				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-52	Tool must provide option for target CLI-based network device vulnerability detection based on their model number and firmware version. It should also provide options to remedy the vulnerabilities with help of pre-configured scripts for certain vulnerability types.	Vulnerabilities are related to security solutions, so we request to relax this scope from EMS requirement	No change
535				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-53	Tool must provide option to perform standard compliance checks like PCI-DSS, NIST, DISA etc. across all target CLI-based network devices	This is specific for security solution and we request to remove this clause.	No change
536				PSCDL RFP Vol-II_v3.0, page no 191, section 6.5, point no-57	Tool must provide an option for taking remote access via Telnet / SSH to target CLI-based Network Devices with an option to record all sessions to capture all commands being executed on the remote devices. The tool must allow session relay wherein a higher-privileged user can view the ongoing CLI session of a lower-privileged user in real-time from the tool GUI. The sessions should be saved for historical analysis with flexible filter options like searching for sessions in which a particular command has been executed.	Remote access is not part of the NMS solution and taken care by 3rd party solutions like AAA, we request to kindly remove this from EMS scope.	No change
537				PSCDL RFP Vol-II_v3.0, page no 192, section 6.5, point no-75	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	We understand that open standards/REST based interation can be done for 3rd party integratio ,kindly confirm	No change
538				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-79	All the actions taken during the remote access should be recorded and have ability to audit them later.	Remote access is not part of the NMS solution and taken care by 3rd party solutions like AAA, we request to kindly remove this from EMS scope.	No change
539				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-77	The system should allow remote access to the internal network via a Zero Trust system and no use of VPN or agents.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
540				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-78	Only specific protocols like SSH, RDP, Telnet , VNC which are essential for remote access should be allowed		No change
541				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-79	All the actions taken during the remote access should be recorded and have ability to audit them later.		No change
542				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-80	All remote access should be authenticated and all devices a user has access should be pre-allocated		No change
543				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-81	The system should have ability to authenticate access to any device via Single sign on and password should not be exposed to users		No change
544				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-82	All CLI session should have command control, any command that is not authorized cannot be used and session should be terminated		No change
545				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-83	Administrator should be able to view the live session of any ongoing session and can terminate them also		No change
546				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-84	Any file being transferred should be via the Zero trust system. File will be scanned for virus and only then be transferred to the target location		No change
547				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-85	Time based; temporary users should be configurable in the system		No change
548				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-86	IPAM solution should have complete IP discovery, IP management with historical tracking	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
549				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-87	IPAM should have IP Grouping, Subgrouping and role and privileged based access.	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
550				PSCDL RFP Vol-II_v3.0, page no 193, section 6.5, point no-88	Support both IPv4 and V6 along with IP Classes and VLSM based	IPAM is 3rd party solution - we request to relax it from EMS scope	No change
551				Request For Addition	OEM of NMS software application should have CMMI Level 3 certification. OEM shall facilitate the validation of CMMI L3 Certificate from CMMI Institute.		No change
552					OEM of NMS software application shall be Make in India and Class 1 local supplier as per MII - GOI policy & its subsequent amendments.		No change
553					OEM of proposed NMS software application shall have ISO 9001:2015, ISO 14001:2015, ISO 27034-1 and ISO 27001:2013		No change
554					OEMs of NMS software applications should have partner level accreditation/ISV certification from Linux or Microsoft.		No change
555					NMS software application should have qualified Security verification certificate by STQC (Ministry of Electronics & Information Technology) or any other Government agency from the list of CERT-IN empanelled Information Security Auditing organization for testing and issuing the certificate /clearance.		No change
556					Intellectual Property Rights for NMS software OEM should reside in India. OEM shall facilitate the validation of IPR/source code copyright for all the hardware & software OEMs from copyright.gov.in to check the authenticity of the source code.		No change
557					"Intellectual Property Rights" means any patent, copyright, trademark, trade name, service marks, brands, proprietary information whether arising before or after the execution of this contract and the right to ownership and registration of these rights.		No change
558					The OEM of NMS shall have at least one single PO reference with more than 30K devices being monitored and under operations, client certificate/email/PO/Completion certificate shall be submitted as part of the bid submission.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
559				General Query	<p>We request to consider allowing the financial qualifications of parent firm, if the bidder is wholly/99.9% owned subsidiary of its parent firm. So, requesting to include the below statement for Pre-qualification and Technical qualification.</p> <p><u>Recommended for inclusion:</u></p> <p>If the bidding entity is a wholly owned subsidiary, then its parent company qualifications will be considered. For this purpose, the parent company shall give an undertaking to allow its credentials to be used in the bid.</p>		Please refer corrigendum
560				<p>(2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks)</p> <p>a. One element control : 2.0 Marks</p> <p>b. Two elements control : 3.0 Marks</p> <p>c. Three elements control : 5.0 Marks</p> <p>System</p> <p>CCTV surveillance solution</p> <p>VMD Solution</p> <p>Traffic Management</p> <p>Smart Pole with PA system/</p> <p>Environmental Sensor</p> <p>Water SCADA</p>			Please refer corrigendum
561				<p>(3) Demonstrate 3D simulation for proposed solutions: (5 Marks)</p> <p>1 Demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS-2.5</p> <p>2.Demonstrate 3D simulation for proposed solutions-2.5</p>			Please refer corrigendum
562				<p>*Bidder is required to showcase 3D simulation for a functional smart city with ICCC showcasing use cases as mentioned in this RFP. This simulation should show movement of data / feeds, working of field devices, ICCC dashboards, incident Management from ICCC. Finally, how the whole scenario is helping citizens in the Smart City.</p> <p>Note: The Bidder will be required to submit softcopy of both presentation and simulation video to Authority after presentation is over.</p>			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
563				Technical Demonstration of Proof of Concept (PoC) Objective of Technical Demonstration/ POC is to evaluate the technology & system performance for getting city outcome. During the Technical Demonstration/PoC at the technical evaluation stage, the Technical Committee of Authority shall give special attention to verify the quality, robustness and appropriateness of the proposed Solutions/Equipment. If any brand / products are found unsuitable, Bidder may get dis-qualified or may be asked to replace the product with better brands meeting the RFP requirements, without any change in commercial bid.			Please refer corrigendum
564	Vol I		128	supply and laying ,testing and commissioning of 1 X 24F armored multitude double sheath single mode OFC (G.652D) with 40mm HDPE Duct using HDD method and maintenance for 5 years after commissioning	Request you to amend as " supply and laying ,testing and commissioning of 1 X 24F armored multitude double sheath single mode OFCwith 40mm HDPE Duct using HDD method and maintenance for 5 years after commissioning"	Said Standard (G.652D) is OEM Specific.	Please refer corrigendum
565	Volume 1		111	Installation, Setting up, Interior, Configuration and Testing of Command and Control Centre Integrated Command Control Center = 1350 Sq.ft. Conference Room + Reception + Waiting area = 1400 Sq.ft. Data center Room = 250 Sq.ft Power room = 1110 Sq.ft	Request you to provide the autocad copy for the Command control Centre building.		Please refer relevant clauses of RFP
566	Volume 1			General	Request you to provide location details RLVD, SVD, Traffic Junctions, Surveillance etc. along with longitude and latitude details.		Please refer relevant clauses of RFP
567	Vol I				3. 150 VMDs from max 6 smart city projects – 6 marks		Please refer corrigendum
568	Volume II 6.2.7 Core Switch	1	84	Should have minimum 16 nos. QSFP28 based 40/100G ports day one. Should have dual power supply with hot swappable.	16 Ports are designed based on OEM specific, Request to Amend this to Stand port count to 24 Port Switches.		The requirement for number of ports mentioned are minimum specifications. Bidder can offer better configuration to ensure meeting their offered design.
569	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	1	86	Should have minimum 24 SFP+ based 10G and 2 nos. QSFP28 based 40/100G ports day one. Should have dual power supply with hot swappable.	We recommend to have Min 4*40/100G port, as it's TOR Switch, When we are forming the Cluster between switches to achieve the HA. Additionally we need a 2 port for uplinks.		No change
570	Volume II 6.2.9.Access Switch -8 Port – POE	1	88	Should have minimum 8 GE ports. Should have dual power supply with hot swappable.	Most of the OEM doesn't have Dual with Hot Swappable PWR Supply, request to Amend this clause to Qualify all standard OEM's		Please refer corrigendum
571	Volume II 6.2.7 Core Switch	2	84	Should have at least 1.6 Tbps switching fabric.	TO achieve Non-Blocking Switching throughput, we must have 2.4 Tbps and as per the standard 24 port switch we must have Min 6.4 Tbps Throughput.		The requirement mentioned are minimum specifications. Bidder can offer better configuration

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
572	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	2	86	Should have at least 400 Gbps switching fabric.	400G is not Non-Blocking throughput, if switch should work with non-Blocking Throughput we need Min (24*10)*2 to get the Duplex backplane and additionally we have to calculate the Duplex throughput for Uplink port 100* 2 or 4. We recommend to have More than 1Tbps.		The requirement mentioned are minimum specifications. Bidder can offer better configuration
573	Volume II 6.2.9.Access Switch -8 Port – POE	2	88	Should have minimum 4 nos. SFP based 1 GE ports.	Most of the OEM doesn't have 4 No's of 1G Uplinks request to Amend this clause to 2 *1/10G fiber uplink ports to Qualify all standard OEM's		Please refer corrigendum
574	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	3	86	Should have minimum 300 Mpps (64 Byte) throughput	Packet Forwarding rate would be calculated based on switch interface 1G port = 1.488Mpps. Provided Forwarding throughput is not sufficient. Please change the MPPS value based on the Backplane requirement.		No change
575	RFP No. 2	4. Storage	83	1) Storage Capacity should be as per Overall Solution Requirement (usable, after configuring in offered RAID 5 configuration). Storage Capacity after RAID to be provided with 20% additional capacity for future use to be provided. 2) RAID solution offered must protect against double disc failure. 3) Disks should be preferably minimum of 1.2 TB capacity for SSD / SAS and 3 TB for SATA/ NL-SAS (combination as per performance and SLA requirements of overall solution) 4) To store all types of data (Data, Voice, Images, Video, etc) 5) Proposed Storage System should be scalable (vertically/horizontally)	1) & 2) Dual Disc protection means Raid 6 , hence amend RAID 5 to RAID 6		Please refer corrigendum
576	Volume II 6.2.11 Wireless LAN Controller	5	91	The proposed controller should support minimum 10K users/devices and WLANs-100 or more.	We request to Amend the clause, 250 Aps are requirement, Hence we request to Change the user capex to 8K to propose the standard Controller.		No change
577	PSDCL - Vol 2	5.3 Finalization of Detailed Technical Architecture	8	SAN Switch	Minimum Specification of SAN Switch	As per network architecture designed . Request to include minimum specification of SAN Switch along with interface details.	Bidder to provide SAN switch as per their technical design requirement with minimum 16Gbps ports and 5 year warranty.
578	PSDCL - Vol 2	5.8 City Surveillance System	30	5.8.10. Industrial Grade Switches	Minimum specification of Industrial grade switches along with Quantity	Request to mention minimum specification of Industrial Grade Switch as per city backbone design . Its important to to specify interface details (Type/Speed/fiber/Copper) to arrive final solutions	Bidder to provide switch as per their technical design requirement

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
579	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	6	86	Should support at least 64000 entries in the MAC table.	We recommend increasing the MAC table capacity to Min 100K because it's a TOR switch there will be a little more no. of MAC entries in the Network.		The requirement mentioned are minimum specifications. Bidder can offer better configuration
580	Vol-II	6.12 Local Processing Units (LPU):	252	Request for addition	<p>In a smart city and safe city ITMS project, LPU plays a very crucial role, and as per the RFP, not much specification of LPU is mentioned. Local Processing Units (LPU) installed at outdoor locations are required to be protected from electronics failure due to vibrations and shocks produced by the movement of heavy vehicles and earthmovers on the roads. As LPUs are being installed here in the outdoors, there are constant vibrations and shocks, which may lead to a high probability of electronics equipment failure.</p> <p>Therefore, we request that you kindly incorporate the below-mentioned specification of LPU.</p> <p>1.- Certifications- CE,FCC, BIS & MIL 810 G</p> <p>2. Proposed LPU should be MIL-STD-810G certified and qualify as per Make in India guidelines.</p> <p>3. The MAC address of the Local processing unit must be registered in the name of proposed ANPR/ITMS OEM. Supporting proofs shall be submitted along with the bid. OEM undertaking & MAC address registration proof.</p> <p>4. Local Processing units for ANPR/RLVD/SVD/Traffic Analytics/ VDC should have native integration with the application for optimum performance & to meet SLA requirement and should have MAC address on the name of ANPR/RLVD/SVD/Traffic Analytics/ VDC OEM</p> <p>Bidder to ensure proposed Local Processing Unit should be able to work in outdoor environment (shock & vibrations), due to heavy vehicle movement on roads without electronic failure.</p>		No change
581	Vol-II	6.13 External IR Illuminator (Optional)	252	Request for addition	<p>In a smart city and safe city ITMS project, External IR Illuminator plays a very crucial role for night vision results & accuracy for ANPR/RLVD/SVD System.</p> <p>Hence, we request that you kindly remove it as an optional & incorporate as External IR Illuminator line items along with quantity.</p>		No change
582	Volume 2 – Scope, Functional & Technical Specification	6.3 Cloud Services to deploy all smart solutions	Page No. 128, Sl.No. 15	CSP should support both BYOL (Bring your own license) BYOL is eligible to run everywhere, and with a Pay as you go option. The OS offered should come with continuous updates and upgrades anytime.	Please specify which services/tools need BYOL in Cloud.		Please refer corrigendum
583	Volume 2 – Scope, Functional & Technical Specification	6.3 Cloud Services to deploy all smart solutions	Page No. 130, Sl.No. 40	CSP should offer a fully managed service in India that makes it easy to identify potentially fraudulent online activities such as online payment fraud and the creation of fake accounts.	Fraud Detection service can be custom built easily by MSP with the tools & services provided by CSP. Kindly change the point as CSP / MSP		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
584	Volume 2 – Scope, Functional & Technical Specification	6.3 Cloud Services to deploy all smart solutions	Page No. 131, Sl.No. 46	Managed Threat Detection Service: Continuously monitor for malicious or unauthorized behavior to help you protect your accounts and workloads. It should monitor for activity such as unusual API calls or potentially unauthorized deployments that indicate a possible account compromise.	Kindly mention this point as CSP / MSP through Partner Solution to Managed Threat Detection Service		Please refer corrigendum
585	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	6. Network zero trust Access	Zero Trust Network Access (ZTNA) is an IT security solution that provides secure remote access to an organization's applications, data, and services based on clearly defined access control policies. This is not the functionality of EMS/NMS solution, instead a functionality of Security solution. Hence request you to please remove this clause from EMS/NMS section and move to Security section.		No change
586	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	9. IPAM (IP Address Management)	IPAM is limited functionality of specific OEM and restrictive clause for most of the leading EMS/NMS OEMs. Hence request you to please remove this clause or allow separate OEM other than EMS for IPAM solution.		No change
587	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	2. The OEM should have a support center in INDIA.	Solution having been analysed & recognized by leading analysts (Forrester's Wave or Gartner's Magic Quadrant) ensures leading OEMs of solution qualifies which are proven and having technology advantage. This is important because as NMS/EMS is the only solution that gives visibility into the project and is responsible for SLA measurements and audits, and therefore all the stakeholders must agree to the reports been generated from NMS/EMS. This warrants an industry-standard solution. Hence request you to please revise the clause as follows: "The OEM should have a support center in INDIA and OEM shall be present in either Leaders or Challengers (Strong Performers / Major Players) Quadrant of Forrester / Gartner / IDC report for ITSM in the last 3 published reports."		No change
588	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	3. The solution should be capable of running in Linux platform.	To ensure that the proposed NMS/EMS is proven at the scalability required for the said project and is operational in the Indian Public Sector space, Asking for "Similar deployment of the proposed software" will ensure proven solution offered by bidder and MPSEDC does face any unproven solution being quoted by bidder and later resulting implementation issues and wastage of software investment. Hence Request you to please revise the clause as follows: "The solution should be capable of running in Linux platform and must have at least 3 deployments in Indian Government/ Public Sector, monitoring & managing 10,000+ devices (including IT assets - Network devices, etc.; Non-IT Assets - UPS, KVM, PDU, etc.; Surveillance system - Cameras, Sensors, etc. in each of such deployments. Customer names, solution details and OEM undertaking needs to be provided at the time of bidding."		No change

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589	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	4. The tool must be certified by PinkVerify or equivalent for ITIL v3 on incident management, change management and availability management processes and certificate must be provided when sought	<p>ITIL is a framework designed to standardize the selection, planning, delivery, maintenance and overall lifecycle of IT services within a business. ITIL has been owned by Axelos.</p> <p>Axelos (the owner of ITIL) following the successful full launch of the new and updated ITIL® 4, has declared the decision to discontinue the previous version of the world's leading certification in IT service management, ITIL v3, by the end of 2021.</p> <p>Its clearly mentioned that ITIL V3 has already been obsolete. Kindly refer before Official Link as proof: https://www.axelos.com/about-axelos/news/axelos-announces-discontinuation-of-itil-v3.</p> <p>The differences that distinguish ITIL 4 from the older versions are the inclusion of additional best practices and new material on integration. ITIL 4 focuses more on the concepts of costs, outcomes, risks, and value.</p> <p>Link of ITIL V4 certified tools : https://www.pinkelephant.com/en-us/PinkVERIFY/PinkVERIFY-ITIL-4-Toolsets</p> <p>The new version encourages fewer silos, increased collaboration, facilitating communication across the whole organization, and the integration of Agile and DevOps into ITSM strategies. ITIL 4 is designed to be more customizable and flexible. In essence, the new version encourages a more holistic view of IT.</p> <p>Please note that ITIL V4 Toolset has 18 OEMs, therefore does not limit the participation from multiple OEMs.</p> <p>Kindly revise the clause as "The tool must be certified by PinkVerify or equivalent on ITIL v4 for atleast 8+ processes i.e., Incident mgmt., Problem mgmt., Change mgmt., Service Request mgmt., Knowledge Mgmt., Asset Mgmt., Service Assets and configuration management, Service Desk and certificate must be provided when sought."</p>		No change
590	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	230	6. The solution should be a unified system which can monitor networks, servers, apps and any IT or Non-IT Communicable device (ex.: RF device, etc.)	Please confirm if RF devices are in the scope of this project and please confirm the count of infrastructure i.e., networks, servers, apps and any IT or Non-IT Communicable device, that need to be managed via EMS software.		Please refer relevant clauses of RFP
591	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	231	Provides the option to have the portal account to the end customers with restricted views limits to their specific infrastructure. System should have the capability to be implement in DMZ and non-DMZ zone with adequate security.	<p>EMS solution touches across all infra components and collects the critical infra details i.e., Architecture, CI discovery, events, SLAs, Patches, Automation, single pane of glass for KPI insights across the entire IT environment, etc.. EMS dashboard will also provide service status, performance view, response-time data etc. based on role-based access.</p> <p>Since the EMS solution provides a single framework for streaming metrics across systems, applications, networks, topology & event data, it is critical to ensure that the data stored in EMS system is securely stored and encrypted, which ensures that cryptographic-based security systems are to be used to provide protection for sensitive or valuable data.</p> <p>Hence request you to please revise the clause as follows:</p> <p>"Provides the option to have the portal account to the end customers with restricted views limits to their specific infrastructure. System should have the capability to be implement in DMZ and non-DMZ zone with adequate security and EMS solution must be FIPS 140-2 compliant."</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
592	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	233	48 Panel View a.Panel view should look similar to the actual device front panel. b.System should automatically detect the device model display the right panel without any additional configuration. c.Panel should show all the monitored interface with status. d.Fan status with live fan icon and LED status for power.	Following clauses are not EMS/NMS software capabilities, instead these are preparatory clauses for network hardware vendor. Hence requesting to please delete these clauses from EMS requirement and put them under Network hardware requirements.		No change
593	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234	59 Should be able to receive flows from non-SNMP-enabled devices, like VMware vSwitch.	Please clarify if 'Receive flows from non-SNMP-enabled devices' is expected for SDN network from VMware, etc? Also this clause is favouring specific OEM, Hence request you to please delete this clause for better participation.		No change
594	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234	69 System licensing should be based only on Physical Hosts and not charge separately for individual guest VMs running on VM Hosts.	This is not a common licensing model for EMS/NMS software and clause is favouring specific vendor. Hence requesting to please delete this clause.		No change
595	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234	70. System should have capability to monitor availability and performance of industry standard web server like IIS / Tomcat / Apache / Jboss, email server like Exchange / Zimbra / Lotus Notes, and databases like Oracle / MSSQL / MySQL / PostgreSQL etc.	Please confirm if the current or proposed infrastructure includes 'Zimbra / Lotus Notes'? This clause is favouring specific vendor and monitoring solution for "Zimbra / Lotus Notes" is not a common solution asked from EMS/NMS solution. Hence requesting to please delete this clause.		No change
596	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234	74. The tool should have option to be deployed in HA mode (High Availability) for redundancy purpose.	ISO 27034 standard certified by globally recognized analyst organization helps organizations integrate security controls in the software through their software development cycle, by defining security frameworks & vulnerability management processes. This certification protects customer assets from potential cyber breaches & security threats while complying with the Application security standards. It addresses all aspects from determining information security requirements, to protecting information accessed by an application as well as preventing unauthorized use and/or actions of an application. Hence Request you to please revise the clause as follows: "The tool should have option to be deployed in HA mode (High Availability) for redundancy purpose and To ensure the mature security standard of proposed EMS solution, SI must ensure that the proposed EMS solution OEM is ISO 27034 certified from one of the following certification agencies: Schellman/ KPMG/ PwC/ Ernst & Young/ Deloitte. Documentary proof must be provided at the time of submission."		No change
597	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234	76 Provide open APIs in the system which can be used by customers for integrating their own systems. Integration should provide the option in both north as well as south bound integration using multiple options like RestAPI, XML, SOAP, Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration.	Corba" protocol is used in OSS layer for integrations, which is not expected in Smart City environment and This clause is favouring specific vendor. Hence requesting to please delete "Corba" word from this clause.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
598	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)	234 - 235	<p>77 The system should allow remote access to the internal network via a Zero Trust system and no use of VPN or agents.</p> <p>78 Only specific protocols like SSH, RDP, Telnet , VNC which are essential for remote access should be allowed.</p> <p>79 All the actions taken during the remote access should be recorded and have ability to audit them later.</p> <p>80 All remote access should be authenticated and all devices a user has access should be pre-allocated.</p> <p>81 The system should have ability to authenticate access to any device via Single sign on and password should not be exposed to users.</p> <p>82 All CLI session should have command control, any command that is not authorized cannot be used and session should be terminated.</p> <p>83 Administrator should be able to view the live session of any ongoing session and can terminate them also.</p> <p>84 Any file being transferred should be via the Zero trust system. File will be scanned for virus and only then be transferred to the target location.</p> <p>85 Time based; temporary users should be configurable in the system.</p> <p>86 IPAM solution should have complete IP discovery, IP management with historical tracking.</p>	<p>Following clauses are not standard EMS/NMS software functionalities and are favouring specific OEM.</p> <p>Hence requesting to please delete this clause.</p>		No change
599	pscdl-rfp-vol-ii	6.5 Enterprise Management System (EMS)		To ensure the proposed software is secure, it should have ISO 27034 certification from a verification or certification agency which has Global recognition - Schellman/ KPMG/ PwC/ Ernst & Young/ Deloitte recognized (Certificate has to be submitted at the time of bid submission)	This clause has been used ny many recent Smart City ICCF RFP's like PortBlair, Tirupathi etc. This made the EMS implementation more successful. Request you to add this clause.		No change
600	Volume -ii-147-end	6.9 Flood Sensors & Alert System Technical Specifications	73 of 146	<p>Range Options:</p> <p>2. Max Range: 3 ft (91cm)</p> <p>30 ft (9.1m)</p> <p>50ft (15.2m)</p>	As per the BoQ, total requirement for flood sensors are 20 nos. No breakup for each of 3 types are given. Therefore, the authority is requested to provide clarity for the breakup of the 20 nos quantity (Range option wise) since this will have a commercial impact.		Please refer corrigendum
601	Volume -ii-147-end	6.9 Flood Sensors & Alert System Technical Specifications	73 of 146	<p>Communication Capability:</p> <p>3. Wireless:</p> <p>LoRa865-867 MHz</p>	Kindly remove this as it is an unnecessary requirement. The sensors will be connected to the control room via other modes of communication which are already mentioned. Having this as one of the requirements makes it restrictive for wider participation and favour only few OEMs.		Please refer corrigendum
602	RFP No. 2	7. Raid Support	83	Should support various RAID Levels RAID 0, 1, 1+0, 5+0 and 6	Request to amend it to RAID 6		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
603	Vol-II	13 Exit Management Under Contract Completion	261	6. All source codes, backup data, Puducherry Authorities specific information shall be handed over to Puducherry Authorities as part of exit management.	Source code is Intellectual property rights of any Software OEM and it can't be shared. We will provide API to integrate with any 3rd party Application if required. Hence we request you to please remove source code. Hence, we request that you amend the clause as mentioned below for fair and larger participation. 6. All API, backup data, Puducherry Authorities specific information shall be handed over to Puducherry Authorities as part of exit management.		Please refer corrigendum
604	Volume 2 – Scope, Functional & Technical Specification	15 Annexure III: Project Milestones and Payment Schedules for Implementation on Mobilization Advance	276	The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.....	We request RailTel to kindly clarify the definition of Awarded Contract Value that shall be considered for making the payment of Mobilization Advance. Is it Capex Value = Awarded Contract Value OR is it Capex + Opex Value = Awarded Contract Value? We RailTel to kindly confirm the understanding?		Please refer corrigendum
605	Volume II 6.2.11 Wireless LAN Controller	18	92	WLC should provide BYOD Support. It should provide device fingerprinting and required to help manage and secure user-owned devices.	BYOD is part of the NAC solution, hence request to modify or add the clause in NAC solution.		No change
606	Volume II 6.2.7 Core Switch	19	85	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731 or a Similar feature to achieve Fault Management.		No change
607	Volume II 6.2.7 Core Switch	22	85	Should support security features DoS Attack Prevention	Referring the DOS CPU protection? Please clarify		Please refer relevant clauses of RFP
608	Volume II 6.2.7 Core Switch	24	85	Should support Static IPv4 and Ipv6 routing. It shall also support OSPFv2 and OSPFv3.	Since it's a Core environment, We recommend having a Multiprotocol BGP Protocol to form the Fabric or VXLAN. Also should support the Dynamic VXLAN Day 1.		The requirement mentioned are minimum specifications. Bidder can offer better configuration
609	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	25	87	Should support OSPFv2, OSPFv3 day one.	Since it's a TOR Switch DC environment, We recommend having a Multiprotocol BGP Protocol to form the Fabric and VXLAN. Also should support the Dynamic VXLAN Day 1.		The requirement mentioned are minimum specifications. Bidder can offer better configuration
610	Volume II 6.2.7 Core Switch	28	85	Should support minimum 64K for IPv4 FIB routes and 16K for IPv6 FIB routes.	We request to upgrade the Route to 100K, Since it's a DC environment hence More Route entries will be in Real-time.		The requirement mentioned are minimum specifications. Bidder can offer better configuration
611	Volume II 6.2.7 Core Switch	35	85	Should support automation NETCONF/YANG/OpenConfig	Should support automation NETCONF/YANG/OpenConfig or Equivalent		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
612	Volume II 6.2.8. TOR Switch & WAN Aggregation switch	35	87	Should support automation NETCONF/YANG/OpenConfig	Should support automation NETCONF/YANG/OpenConfig or Equivalent		No change
613	Volume II 6.2.9. Access Switch -8 Port – POE	36	88	Switch should comply to Operating Temperature range 0°C to 50 °C	Switch should comply to Operating Temperature range 0°C to 45 °C as it's Switches		No change
614	Volume II 6.2.10. Access Switch-24 Port –POE	36	91	Switch should comply to Operating Temperature range 0°C to 50 °C	Switch should comply to Operating Temperature range 0°C to 45 °C as it's Switches		No change
615	RFP Vol-II	6.1.1 Integrated City Operation Platform	50	The ICCO OEM should be in existence in India since last 5 years. The OEM should have at least the following certificates: ISO 9001, 27001, and CMM I Level 3.	Asking CMMI Level 3 Certificate will qualify and restrict only 1 OEM and is biased in nature. Request to remove the same and enable the major ICCO Players to participate in this tender with fair competition based on the project experience mentioned as part of ICCO Functional Specifications. Change requested : Proposed ICCO Platform should have been deployed in at least 3 smart cities in India. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. The ICCO OEM Should be in existence in India since last 5 years. The OEM should have at least the following certificates ISO 9001, 27001.		Please refer corrigendum
616	RFP Vol-II	6.1.1 Integrated , ICCO Functional Specifications, Clause 320, ICCO OEM Criteria	74	Proposed ICCO Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013.			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
617	RFP Vol-II	6.1.1 Integrated City Operation Platform		The ICCO OEM should be in existence in India since last 5 years. The OEM should have at least the following certificates: ISO 9001, 27001, and CMM I Level 3.	<p>Asking CMMI Level 3 Certificate will qualify and restrict only 1 OEM and is biased in nature. Request to remove the same and enable the major ICCO Players to participate in this tender with fair competition based on the project experience mentioned as part of ICCO Functional Specifications.</p> <p>Change requested :</p> <p>Proposed ICCO Platform should have been deployed in at least 3 smart cities in India. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications.</p> <p>Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof.</p> <p>The ICCO OEM Should be in existence in India since last 5 years. The OEM should have at least the following certificates ISO 9001, 27001.</p>		Please refer corrigendum
618	RFP Vol-II	6.1.1 Integrated , ICCO Functional Specifications, Clause 320, ICCO OEM Criteria			<p>Proposed ICCO Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications.</p> <p>Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof.</p> <p>ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013.</p>		Please refer corrigendum
619	PSDCL Vol II	6.2.10 PoE 24 Port	91	Should support ITU-T G.8032v2 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Request to remove the clause	The G.8032, which to provide protection for Ethernet traffic in a ring topology, while ensuring that no loops are within the ring at the Ethernet layer. As per design the ring topology will not be used. Hence request to remove for the wider participation	No change
620	PSDCL Vol II	6.2.10 PoE 24 Port	91	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Request to remove the clause	Reques to revise the specification for wider participation ,The ethernet OAM monitors Ethernet networks that might comprise one or more service instances for network connectivity faults and mostly used in service provider environment	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
621	PSDCL Vol II	6.2.10 PoE 24 Port	91	"Switch should comply to Operating Temperature range 0°C to 50°C"	"Switch should comply to Operating Temperature range 0°C to 40°C"	Request to modify the temperature .Generally temperature asked for industrial grade environment. It will be in airconditioned environment	No change
622	PSDCL Vol II	6.2.14 Centralized-Anti Virus Solution For ICC : 1	95	The solution must utilize Client Server architecture where Central Endpoint Management Console can be used for creating and distributing policies. Central Endpoint Management Console should be able to create, manage and monitor all the endpoints across the organization centrally. Central Endpoint Management Server should utilize On-Premise architecture and no SaaS / Cloud model.	The solution must utilize Client Server architecture where Central Endpoint Management Console can be used for creating and distributing policies. Central Endpoint Management Console should be able to create, manage and monitor all the endpoints across the organization centrally. Central Endpoint Management Server should utilize On-Premise architecture or SaaS / Cloud model.	Request to revise the specification for wider participation	No change
623	PSDCL Vol II	6.2.14 Centralized-Anti Virus Solution For ICC : 3	95	Solution should support integration and synchronization with Microsoft Active Directory (AD) to deploy the Agents to all the endpoints.	Please remove the clause.	The endpoint policy remains same for all the user as customer would want to have same level of protection against malicious file for every employee in the organization. Deployment of agent can be done through AD	Solution should support integration and synchronization with Microsoft Active Directory (AD) or equivalent to deploy the Agents to all the endpoints.
624	PSDCL Vol II	6.2.14 Centralized-Anti Virus Solution For ICC : 8	95	Solution should support Endpoint Protection features of Anti-Malware, Anti-Exploit, Web Filter, Application Firewall, Vulnerability Assessment and Management, Software Inventory Management and USB Control .	Solution should support Endpoint Protection features of Anti-Malware, Anti-Exploit, Web Filter, Vulnerability Assessment and USB Control .	The application firewall , inventory mangement are not functionality of Endpoint protection solution , Request to modify for wider participations	The requirement to be met as a complete solution required as per technical design being offered by the bidder.
625	PSDCL Vol II	6.2.14 Centralized-Anti Virus Solution For ICC : 9	95	Solution should be able to Block Access to Malicious Websites, Scan Compressed Files, Scan Network Files, Scan Removable Media on Insertion, Scan Email attachments.	Solution should be able to Block Access to Malicious Websites, Scan Compressed Files,Scan Removable Media on Insertion.	Reques to revise the specification for wider participation	The requirement to be met as a complete solution required as per technical design being offered by the bidder.
626	Volume 2 – Scope, Functional & Technical Specification	6.2.14 Centralized-Anti Virus Solution For ICC	95	Solution should support installing and managing agents on Microsoft Windows 7 / 8 / 8.1 / 10 / 11 & Windows Server 2012+, Mac OS 11+, Linux, UNIX	Need to have a clear break up of the OS Type of machines for each flavour like end points & Servers, also the Windows and Linux machines.	To have a better understanding of the existing infrastructure to define security policies in AV Server	No change
627	Volume 2 – Scope, Functional & Technical Specification	6.2.14 Centralized-Anti Virus Solution For ICC	95	Solution should support Endpoint Protection features of Anti-Malware, Anti-Exploit, Web Filter, Application Firewall, Vulnerability Assessment and Management, Software Inventory Management and USB Control .	need to change Vulnerability Assessment and Management to Vulnerability Protection and Remove Software Inventory Management as this is not part of scope for AV and will be available with ITSM tool	Vulnerability Assessment and Management is the obsolete process and need to provision the Vulnerability Protection by using AI & ML features of the AV Suite and Software Inventory Management is not the scope of work for AV Server.	The requirement to be met as a complete solution required as per technical design being offered by the bidder.

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
628	PSDCL Vol II	6.2.2 Core Router	76	The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	The Router Should support minimum 40 Gbps full duplex throughput , 19-inch rack mountable. Should have 4xGE and 4x10GE based ports on day 1	Request to remove Rack Unit for wider participation and Its restricting to particular OEM.As per architecture design & digram the router facing towards internet and it does not require higher througput of 160Gbps . Request to modify as per Internet Bandwidth / Cloud connection connectivity	No change
629	PSDCL Vol II	6.2.2 Core Router	76	Router should support MPLS-FRR to ensure high availability.	Request to remove the clause	The MPLS Traffic Engineering (TE) Fast Reroute (FRR) is not required since it is facing towards internet or WAN edge Router. Request to remove from core router	Please refer corrigendum
630	PSDCL Vol II	6.2.2 Core Router	76	Router should support OSPFv2, OSPFv3, ISIS, BGPv4, MP-BGP, BGP confederations and route reflector and RSVP-TE Fast Reroute (FRR).	Router should support OSPFv2, OSPFv3, ISIS, BGPv4	Request to remove MP-BGP is which is used for MPLS VPN also request to remove confederations and route reflector and RSVP-TE Fast Reroute (FRR).These all the features are MPLS Traffic Engineering (TE) and Fast Reroute (FRR) is not required since it is facing towards internet or WAN edge Router	Please refer corrigendum
631	PSDCL Vol II	6.2.2 Core Router	76	The Router scaling should be minimum: a. 1M IPv4 FIB routes and 64K IPv6 FIB routes. b. 32 VRF/L3VPN and 200 L2VPN. c. HQoS and minimum 2K Queues. d. 1K number of MPLS Labels (Provider Router). e. 6PE /6VPE, MPLS label-Switching router (LSR & LER) functionality. f. 4K VLANs.	The Router scaling should be minimum: a. 1M IPv4 Routes and 64K IPv6 routes. b. 32 VRF/L3VPN and 200 L2VPN. c. d. e. 6PE /6VPE, . f. Should be capable of supporting 802.1q VLANs and VLAN Trunking.	Please request to exclude and include which is Ideal for WAN aggregation or Internet edge router requirement	Please refer corrigendum
632	PSDCL Vol II	6.2.2 Core Router	76	The Router Should be NEBS Level III or equivalent complied.	The Router Should be NEBS GR-1089 or equivalent complied.	Request to change for wider participation	No change
633	PSDCL Vol II	6.2.2 Core Router	76	The Router operating system of the Routers category/series/family should be MEF-9/14 or CE (Carrier Ethernet) Certified/compliant.	Request to remove the clause	The Carrier Ethernet is an application of Ethernet technology that allows network providers to offer Ethernet services to their customers hence it is not required for Internet facing or WAN Edge Router	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
634	PSDCL Vol II	6.2.3. Firewall + IPS : 4	79	Should have Firewall throughput of minimum 60 Gbps.	Please Remove the clause.	Request to size the solution with NGFW feature enabled like AVC,IPS, Anti-malware protection Instead of only Firewall . The asked feature are functionality of NGFW firewall	No change
635	PSDCL Vol II	6.2.3. Firewall + IPS : 5	79	IPSec VPN throughput should be 50 Gbps or more.	IPSec VPN throughput should be 8 Gbps or more.	Request to size the solution with NGFW feature enabled like AVC,IPS, Anti-malware protection Instead of only Firewall . The asked feature are functionality of NGFW firewall	Please refer corrigendum
636	PSDCL Vol II	6.2.3. Firewall + IPS : 8	79	Must support at least 7,000,000 or more concurrent TCP connections.	Must support at least 7,000,000 or more concurrent TCP connections or 4,000,000 concurrent session with AVC enabled.	The max connection should be considered which is calculated by including L7 parameter. Also the connection count of 7 millions and it looks oversize depending on user count and The asked feature are functionality of NGFW firewall hence request to the change	No change
637	PSDCL Vol II	6.2.3. Firewall + IPS : 9	79	Must support at least 4,50,000 or more new TCP sessions per second processing.	Must support at least 1,70,000 or more new TCP sessions per second processing or 130,000 new connection/sec with AVC enabled.	The new connection/sec should be considered which is calculated by including L7 parameter. Also the connection count of 7 millions looks oversize depending on user count and .the ask is for NGFW, hence request to the change	No change
638	PSDCL Vol II	6.2.3. Firewall + IPS : 10	79	Should Support Virtualization (Virtual Systems/Virtual Domains/Context). Should have 6 or more Virtual Systems/Virtual Domains/Context license from day one.	Please remove the clause.	Virtual system doesn't ensure that CPU, Memory, and disk resources are dedicated to virtual context and doesn't provide complete separation of traffic processing and management.Request to modify for wider participation	No change
639	PSDCL Vol II	6.2.3. Firewall + IPS : 37	80	The appliance should facilitate embedded Web Content and URL Filtering feature	The appliance should facilitate embedded Web Category and URL Filtering feature.	Request to modify to the "Content/Catogory" filtering is functionality of Web proxy solution. For wider participations	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
640	PSDCL Vol II	6.2.3. Firewall + IPS : 44	81	The log & reporting tool with OS or any other licenses needs to be bundled or quoted along with the solution. The logging and analysis should either be an Appliance/Server or VM platform with minimum RAID6/RAID10 usable 10TB storage to store logs for 6 months with suitable warranty.	The log & reporting tool with OS or any other licenses needs to be bundled or quoted along with the solution. The logging and analysis should either be an Appliance/Server or VM platform with minimum RAID1/RAID6/RAID10 .Also for longer retention of log the solution should have option to export logs.	Request to revise the specification for wider participation	No change
641	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	NGFW throughput (With IPS) should be minimum 10 Gbps with enterprise mix traffic.	Dedicated NIPS Appliance should be included and not as a subset of NGFW	Security approach should not be done by a single security appliance/device and requires a lot of threat intelligence by a dedicated IPS	No change
642	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Threat protection throughput should be minimum 8 Gbps with enterprise mix traffic.	NIPS Appliance should be capable enough to upgrade to a minimum of 40Gbps without changing the appliance	Scalability and Expandability of the same appliance reduces downtime and not required to change network architecture	No change
643	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Must support at least 7,000,000 or more concurrent TCP connections.	The proposed NIPS should support 100 million concurrent sessions/Concurrent connections	IPS Capabilities should be high enough to synchronize with Firewall Throughput and no. of Connections / Speed.	No change
644	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Must support at least 4,50,000 or more new TCP sessions per second processing.	The proposed IPS should be capable of handling minimum 500,000 New connections per second from day one	Ensure to have a competent solution in DC network to ensure in avoiding in latency.	No change
645	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Should support both “bridge mode” or “transparent mode” apart from the standard NAT mode.	Should be based on purpose-built platform that has Field Programmable Gate Arrays (FPGAs), On-board L2 Switch and dual plane architecture for Data and control plane and NIPS should be independent standalone solution	Flexibility in deployment of the appliance to meet the basic necessity of the solution	No change
646	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Should provide NAT functionality, including PAT. Should support NAT 66, NAT 64, Static NAT IPv4 to IPv6 and vice versa (VIP64 and VIP46) and IPv6-IPv4 tunnelling or dual stack		To Provide additional layer of security apart from the Firewall to monitor internal and external traffic separately in the single dashboard.	No change
647	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Should support ISP Load balancing/Link Sharing and Failover and should support link performance check based on packet loss, latency & jitter..	NIPS Appliance should have Latency <50 microseconds and information should be publicly available and documented	To ensure there is no network delay experience across the network	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
648	Volume 2 – Scope, Functional & Technical Specification	6.2.3 Firewall + IPS	79	Should also include Botnet filtering and detecting and preventing Botnet command and control traffic	NIPS should have a Standalone Threat Intelligence to identify and detect the risk associated with external attack surface.	Provision of Appliance's Technology Platform to detect Zero-day attacks and provide virtual patching for the known and unknown Threats	No change
649	RFP Vol. 2	6.2.4 Server Specification / 3. Processor	82	2 processors Intel® Xeon® Scalable or AMD 2nd Gen processors	Intel/AMD latest is 4th Gen Processors and 3rd Gen is previous to it. So kindly change to 3rd or 4th Gen - but 2nd Gen is very old. Please mention Generation as well as Processor Model to avoid confusions.		Please refer corrigendum
650	PSDCL Vol II	6.2.7 Core Switch	84	Should support ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Request to remove the clause	The G.8032, which to provide protection for Ethernet traffic in a ring topology, while ensuring that no loops are within the ring at the Ethernet layer. As per design the ring topology will not be used in the DC environment/Campus. Hence request to remove for the wider participation	No change
651	PSDCL Vol II	6.2.7 Core Switch	84	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Request to remove the clause	Request to revise the specification for wider participation	No change
652	PSDCL Vol II	6.2.7 Core Switch	84	Should support minimum 16K for IPv4 FIB routes and 8K for IPv6 FIB routes.	Should support minimum 16K for IPv4 routes and 8K for IPv6 routes.	FIB parameter are specific to OEM. Request to revise the specification for wider participation	No change
653	PSDCL Vol II	6.2.7 Core Switch	84	Should have minimum 16 nos. QSFP28 based 40/100G ports day one. Should have dual power supply with hot swappable.	The access Switch (Both 24 Port and 8 Port) uplink speed is 1G , But the Core switch having 40/100G .	Request clarify the design approach between core and Access switch/Distributions switch	Please refer relevant clauses of RFP
654	PSDCL Vol II	6.2.8. TOR Switch & WAN Aggregation switch:	86	Should support ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Request to remove the clause	The G.8032, which to provide protection for Ethernet traffic in a ring topology, while ensuring that no loops are within the ring at the Ethernet layer. As per design the ring topology will not be used. Hence request to remove for the wider participation	No change
655	PSDCL Vol II	6.2.8. TOR Switch & WAN Aggregation switch:	86	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Request to remove the clause	Request to revise the specification for wider participation ,The ethernet OAM monitors Ethernet networks that might comprise one or more service instances for network connectivity faults and mostly used in service provider environment	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
656	PSDCL Vol II	6.2.8. TOR Switch & WAN Aggregation switch:	86	Should support minimum 16K for IPv4 FIB routes and 8K for IPv6 FIB routes.	Should support minimum 16K for IPv4 routes and 8K for IPv6 routes.	FIB parameter are specific to OEM . Reques to revise the specification for wider participation	No change
657	PSDCL Vol II	6.2.9 PoE- 8 Port	88	Should support ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Request to remove the clause	The G.8032, which to provide protection for Ethernet traffic in a ring topology, while ensuring that no loops are within the ring at the Ethernet layer. As per design the ring topology will not be used. Hence request to remove for the wider participation	No change
658	PSDCL Vol II	6.2.9 PoE- 8 Port	88	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Request to remove the clause	Reques to revise the specification for wider participation ,The ethernet OAM monitors Ethernet networks that might comprise one or more service instances for network connectivity faults and mostly used in service provider environment	No change
659	PSDCL Vol II	6.2.9 PoE- 8 Port	88	Switch should comply to Operating Temperature range 0°C to 50 °C	Switch should comply to Operating Temperature range 0°C to 40 °C	Request to modify the temprature . It will be in airconditioned environment	No change
660	Vol-II	6.4.12.1 ANPR for Entry Exit:	153	The system shall be flexible to capture the license plates and the traffic violations (subject to the required field of view) from front-side or back-side using a single camera for two lanes at least	A single high-resolution camera is not the best option to detect vehicles in hybrid traffic conditions in Indian cities. On the basis of the learnings and experience of Indian roads and non-disciplined hybrid traffic, most OEMs have developed a solution for the deployment of one camera per lane, where one ANPR camera with a minimum resolution of 2 MP is deployed per lane (3.5 mtr width) to cover speed, ANPR, no helemt, triple rim, etc. simultaneously for all the lanes. Hence, we request that you kindly amend the clause as per below for fair and larger participation. "The system shall be flexible to capture the licence plates and the traffic violations (subject to the required field of view) from front-side or back-side using a single camera for a single lane or a single camera for two lanes with 90% day and night accuracy ".		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
661	Volume -ii-147-end	6.4.14 Variable Message Display	10 of 146	· The (VMD) should have : pixel density 2500Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	Requesting you to kindly modify the clause to the following: ". The (VMD) should have : pixel density 10000Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >5500 cd/sq.m., color amount 16million., Contrast 3000:1" Justification: As prevalent in various smart cities, a minimum pixel density of 10000pixels/sq.m would be required thereby giving more clarity to the images/text/ videos to be displayed in the VMD. Accordingly, brightness requirement of >5500 cd/sq.m would be sufficient. Therefore, the authority is requested to accept this change.		No change
662	Volume -ii-147-end	6.4.14 Variable Message Display	10 of 146	· The (VMD) shall be of IP 67	Requesting you to kindly modify the clause to the following: ". The (VMD) shall be of IP65 on the front display and IP54 on the rear/sides" Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India		No change
663	Volume -ii-147-end	6.4.14 Variable Message Display	10 of 146	· The cabinet material should be steel and should double side back door for traffic display	Requesting you to kindly modify the clause to the following: ". The cabinet material should be steel and should be double side back door for maintenance access" Justification: There seems to be an error in the clause because of which it lack clarity in understanding. Back doors for VMD are provided for maintenance purposes and not for traffic display. The Authority is requested to accept this change and do the correction.		Please refer corrigendum
664	Vol-II	6.4.15 Specification for Speed Violation Camera:	160	37. Speed detection system to capture speed: Upto 200 Kmph +/- 5% 38. Speed Enforcement Technology: Radar/Laser/Other better technologies	With reference to clause " Speed detection system to capture speed: up to 200 KMPH +/- 5% " and clause at page no. 161, " 3. The speed detection software system shall be certified by any accredited laboratory for speeds from 40 KMPH to 235 KMPH with variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, 200 KMPH, and 235 KMPH speeds, " both are contradictory. Hence, we request that you amend the clause as mentioned below to avoid any such confusion for the bidders. 3. The speed detection software system shall be certified by any accredited Government of India-approved agency as per CMVR (Central Motor Vehicles Rules) for speeds from 40 KMPH to more than 200 KMPH with a variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, and more than 200 KMPH. The bidder should propose an appropriate camera to capture vehicle speeds up to 200 kmph.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
665	Vol-II	6.4.16 Instant Speed Violation Detection: Functional Specification for Instant Speed System:	161	2. The speed detection use case (along with license plate recognition) should be capable to read speeds in excess of 100- 250 km/hr. A certificate from an institute of repute, which can issue such a certificate in India should be provided to substantiate the claim.	<p>As per India's laws and guidelines, speed violation detection systems should be certified by Government of India-accredited bodies as per CMVR Rule 126 and further amended as per GSR 136 (E) and GSR 575 (E). No other agencies are authorised by the government to do speed testing. Under rule 126 of the Central Motor Vehicle Rules (CMVR) 1989, there are seven (07) testing agencies for Type Approval and Certification of Vehicles for compliance to Central Motor Vehicle Act, 1988 and Central Motor Vehicle Rules, 1989. These are –</p> <ol style="list-style-type: none"> 1) Automotive Research Association of India (ARAI), Pune, Maharashtra 2) Vehicle Research & Development Establishment (VRDE), Ahmednagar, Maharashtra 3) Central Farm Machinery Training and Testing Institute, Budni, Madhya Pradesh 4) Indian Institute of Petroleum (IIP), Dehradun, Uttarakhand 5) Central Institute of Road Transport (CIRT), Pune, Maharashtra 6) International Centre for Automotive Technology (ICAT), Manesar, Haryana 7) Northern Region Farm Machinery Training and Testing Institute, Hissar <p>100-250 KMPH speed is very specific and favours a single OEM.</p> <p>Hence, we request that you amend the clause as mentioned below for fair and larger participation.</p> <p>2. The speed detection use case (along with license plate recognition) should be capable to read speeds in excess 100 to more than 200 km/hr. The speed detection software system shall be certified by any accredited Government of India approved agency as per CMVR (Central Motor Vehicle Rules)</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
666	Vol-II	6.4.16 Instant Speed Violation Detection: Functional Specification for Instant Speed System:	161	3. The speed detection software system shall be certified by any accredited laboratory for speeds from 40 KMPH to 235 KMPH with variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, 200 KMPH and 235 KMPH speeds.	<p>As per India's laws and guidelines, speed violation detection systems should be certified by Government of India-accredited bodies as per CMVR Rule 126 and further amended as per GSR 136 (E) and GSR 575 (E). No other agencies are authorised by the government to do speed testing. Under rule 126 of the Central Motor Vehicle Rules (CMVR) 1989, there are seven (07) testing agencies for Type Approval and Certification of Vehicles for compliance to Central Motor Vehicle Act, 1988 and Central Motor Vehicle Rules, 1989. These are –</p> <ol style="list-style-type: none"> 1) Automotive Research Association of India (ARAI), Pune, Maharashtra 2) Vehicle Research & Development Establishment (VRDE), Ahmednagar, Maharashtra 3) Central Farm Machinery Training and Testing Institute, Budni, Madhya Pradesh 4) Indian Institute of Petroleum (IIP), Dehradun, Uttarakhand 5) Central Institute of Road Transport (CIRT), Pune, Maharashtra 6) International Centre for Automotive Technology (ICAT), Manesar, Haryana 7) Northern Region Farm Machinery Training and Testing Institute, Hissar <p>235 KMPH speed is very specific and favours a single OEM.</p> <p>Hence, we request that you amend the clause as mentioned below for fair and larger participation.</p> <p>3.The speed detection software system shall be certified by any accredited Government of India-approved agency as per CMVR (Central Motor Vehicles Rules) for speeds from 40 KMPH to more than 200 KMPH with a variation of less than 2% at various speed thresholds such as 40</p>		Please refer corrigendum
667	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause:	<p>Requesting you to add the following clause:</p> <p>The controller shall allow interfacing with the ATCS application using an industry-standard protocol such as UTMC/UG405 or NTCIP. No Proprietary communications protocol shall be allowed</p> <p>Justification: The UG405 protocol is a widely accepted protocol and already has a lot of installations in India.</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
668	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	ATCS Application Software Requirement: Additional Clause	Requesting you to add the following clause: Gating: A few junctions in a road network are critical due to simultaneous high demand for conflicting traffic streams. Congestion at these junctions is higher than other junctions where high demand exists only for fewer traffic streams and the available green time can be redistributed to mitigate congestion to some extent. This leads to a severe queue build up at critical junctions. Gating is a strategy that artificially reduces the capacity of traffic signals at junctions upstream of the critical junction using traffic signals such that that queues are re-distributed across multiple junctions thereby reducing the total delay across junctions for critical traffic streams. The proposed ATCS system shall have the capability to optimise signal timings at a group of junctions incorporating gating. Specifically, the user shall be able to select the upstream junctions where the queues are to be relocated based on available storage capacity and the system should be able to determine optimal signal timings at those junctions to implement gating. Justification: Gating will assist in optimizing traffic at critical junctions & will lead to better network performance		No change
669	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional clause	Requesting you to kindly add the following clause: Double-cycling: ATCS systems optimise signal timings for a group of junctions including determining the optimal offset for chosen stages between adjacent traffic signals. All the signal in a group typically run on a common cycle time in order to maintain a stable offset as determined by the system. ATCS systems determine group cycle times based on traffic demand at the critical junction. However, there could be junctions in a group with low traffic demand for all traffic streams where longer cycle times determined based on traffic at the critical junction could increase delay. Hence, the user shall have the ability to specify minor junctions in a group whose cycle times will be half the cycle time of the critical junction while maintaining stable offsets; this is called double-cycling. The system shall have the ability to optimise signal timings for a group of junctions that may include one or more junctions running double-cycling. Justification: Double cycling will assist in optimizing traffic at critical junctions and will lead to better network performance		No change
670	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause	Requesting you to add the following OEM criteria for ATCS OEMs: The ATCS OEM should have deployed 5 Cities in India with a minimum of 20 junctions each in the past 5 years. Work orders and self-certified completion (above 90%) are to be submitted along with project details. Justification: The city has not asked for OEM Criteria from ATCS OEMs, since ATCS is a very crucial part of this tender we would request the city to add the above-mentioned criteria in order to evaluate the best system for the city.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
671	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	1 The Traffic Signal Controller equipment is a 32 bit or 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases, and junction groups. The controller will ideally have a conflict monitoring facility to ensure that conflicting, dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have 5 year warranty	Requesting you to modify the clause to the following: 1 The Traffic Signal Controller equipment should be a 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases and junction groups. The controller shall preferably have a conflict monitoring facility to ensure that conflicting, and dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have a 5-year warranty. The controller shall have a clock speed of at least 1.2 GHz Justification: This would enable the controller to run faster and process more data and complex logic quickly resulting in enabling of AI-based optimisation		No change
672	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through a keypad or laptop. A minimum of 512KB flash memory and 128KB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	Requesting you to revise the clause as follows: 3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through keypad or laptop. A minimum of 2GB flash memory (inbuilt/external) and 1GB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings. Justification: The detectors produce a lot of vehicle-by-vehicle data which will be lost if the controller memory or the processing power is less.		No change
673	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	5 The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Requesting you to modify the clause to the following: 5 The controller shall provide a real time clock (RTC) with battery backup that set and update the time, date and day of the week. Justification: As the RTC is GPS based timing mechanism and it works with NTP servers, hence there is no requirement of power backup. It doesn't drift due to the availability of GPS.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
674	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	Full ATCS (FATCS): In FATCS mode, the traffic signal controller shall execute stage timings as per demand within the constraints of Minimum Green, Maximum Green running period for the stage, and Cycle time specified by the Central Computer during every cycle switching. Pre-emption for all demand actuated stages except Priority Stage shall be possible in this mode. The traffic signal controller shall identify a communication failure with the central computer within a specified period. In such an event the signal plan timings shall be executed from the local timetable stored in the traffic signal controller FLASH memory. The fallback mode of the traffic signal controller shall be vehicle actuated. On the restoration of the communication with the central computer, the traffic signal controller shall automatically resort to FATCS mode. The traffic signal controller shall accept commands for remote selection / de-selection of the following from the Central Computer at ICC. C.	<p>Requesting you to modify the clause to the following:</p> <p>The system shall be able to optimise the signal timing of a group of junctions in a given region based on detector data while maintaining offset coordination for the dominant traffic flow in the region. The adaptive algorithm should carry out model based estimation. The model shall be able to estimate and predict the traffic state for entire road network including the major links that do not have detection.</p> <p>Justification: The ATCS technology has evolved and the proposed ATCS technology is a decade old. The model based optimisation is being used in the advanced system and the same shall be used in an important city such as Warangal</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
675	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	5 Transit Signal Priority (TSP) for buses: The traffic signal controller shall provide transit signal priority for buses in the dedicated lane to ensure minimum stop delay at the intersection, without violating safety clearances.	<p>Requesting you to add the following clause:</p> <p>The traffic signal controller shall provide transit signal priority for buses and other emergency vehicles to ensure minimum stop delay at the intersection, without violating safety clearances. The system shall provide following functionalities:</p> <ul style="list-style-type: none"> - The ATCS system shall interface with the GPS device in the bus/ambulances and provide them the priority in crossing the junction. - It shall also be possible to integrate the RFID reader in the ATCS system for identifying the buses & other vehicles of significance near the junction to providing priorities. - The system shall be able to determine the priority order of each vehicle when there are multiple priority vehicles simultaneously present at a given junction, and accordingly determine which get the priority first. - The priority can be given either as an extension to green stage or a forced switching to a green stage depending on the current state of the signal. - The system shall also compensate the other stages for the lost green after the passage of the priority vehicle in order to minimize congestion. - An additional mobile application shall be provided for emergency/VIP vehicles without GPS devices with the following features: <ul style="list-style-type: none"> --Role-based selective user login --Emergency mode on/off --Auto timeout feature of the emergency mode --GPS based location information to the ATCS system <p>Justification: This will improve the public transport efficiency within the city, which will, in turn, result in a modal shift towards public transport resulting in reduced congestion. This will also help in the quicker</p>		No change
676	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller Input and Output facilities	20 of 146	2 Detector Interface: A minimum of 16 vehicle detector inputs shall be available in the controller. All detector inputs shall be optically isolated and provided with LED indication for detection of the vehicle For future scalability to ATCS	<p>Requesting you to revise the clause as follows:</p> <p>2 Vehicle Detector Interface:</p> <ul style="list-style-type: none"> • Direct interface with detectors from the ethernet port. • Compatible with the proposed Camera Based detectors <p>Justification: This basic open collector input is obsolete and is valid for capturing only vehicle presence in defined zones. However, the detailed traffic data generated from the proposed detectors itself would be lost because of it. Hence, it is better to have data transfer via an ethernet port. This data would include the conventional vehicle presence data along with classified counts and other traffic data.</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
677	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	21 of 146	3 There should be alternate Red and Balance phase time for STOP or STP in Flashing 4 Alternate Green and Balance Phase Time for Go in Flashing	Requesting you to modify the clause to the following: 3. There should be alternate Red and Balance phase time for STOP or STP in Flashing by taking direct timing inputs from the controller instead of self-learning. 4. Alternate Green and Balance Phase Time for Go in Flashing by taking direct timing inputs from the controller instead of self-learning. Justification: The self-learning timers won't work during adaptive modes and hence will show random values. In this case, it is better to use an adjustable advanced timer which can directly take the timing inputs from the controllers and change the times dynamically as per the requirement.		No change
678	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 2 Mechanical Specifications	35 of 146	CDimensions 360mm x 370mm x 220mm	Requesting you to kindly modify the clause to: C Dimensions 360mm x 370mm x 220mm or similar Justification: The mentioned dimensions are very specific and all the OEMs may not have the same kind of die for housing.		Please refer corrigendum
679	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 3 Display Specification	35 of 146	D No. of Digit 3	Requesting you to revise the clause as follows: D No. of Digit 3 upto 199 Justification: In the proposed size digits upto 199 are only possible		No change
680	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	36 of 146	C Operating Temperature -20 to + 60 °C	Requesting you to kindly modify the clause to: C Operating Temperature 0°C to + 60 °C Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
681	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 5 Technical Features	36 of 146	B Input Power 85-260V AC, 50Hz	Requesting you to kindly modify the clause to: B Input Power 85-260V AC, 50Hz or 12/24VDC Justification: DC lights are safer as they omit the chance of electrocution on short-circuiting and pedestrian safety on the poles.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
682	Volume 2	Active Traffic Control	162	Traffic Signal Controller	For the success of this project we recommend to have the proven technology for the ATCS which is designed as per India heterogeneous traffic condition. So, we request to include the below additional criteria: Request for addition: OEM Criterion: CDAC's ATCS technology shall only be allowed for ATCS Controller and ATCS Software proposed for this project. If the Bidder proposes, any other technology, the bid of such bidder shall be rejected.		No change
683	Vol-II	6.4.2 Indicative Key Outcomes and KPIs	136	xi. Free Left Blocking Violation Detection xv. Driver Talking on Phone while Driving	These traffic VA use cases are mentioned in the scope of work, but they are not in the price bid BOQ or technical and functional specifications of the RFP. We request that you kindly clarify the same and incorporate the same in the price bid BOQ along with quantity and licences for each violation.		Please refer corrigendum
684	Volume -ii-147-end	6.7.2 Digital Bill Board	56 of 146	4. It should be Vandal Proof ; IP Level IP67 or better	Requesting you to kindly modify the clause to the following: "4. It should be Vandal Proof ; IP Level shall be of IP65 on the front display and IP54 on the rear/sides or better" Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India		No change
685	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	7. Pixel Pitch 10 mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD	Requesting you to kindly modify the clause to the following: "7. Pixel Pitch 4mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change
686	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	8. Pixel Density Minimum 10,000 pixels per sqm or higher	Requesting you to kindly modify the clause to the following: "8. Pixel Density Minimum 62,500 pixels per sqm or higher" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby making the minimum pixel density requirement of 62500pixels/sq.m for giving better clarity to the images/text/ videos to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
687	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	12. Brightness (Calibrated) 5000 cd/m2 or better; Contrast Ratio 2500:1 or better	Requesting you to kindly modify the clause to the following: "12. Brightness (Calibrated) 4000 cd/m2 or better; Contrast Ratio 2500:1 or better" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change
688	Volume -ii-147-end	6.7.3 Environmental Sensors	59 of 146	The Sensors should be ruggedized to be deployed in open air areas on streets and park . They should be able to read and report at least the following parameters: · Mosquito density	Requesting the authority to provide clarity for the use/functioning of "Mosquito density". Please also provide the functional and technical requirements since it is not present in the RFP. As per our understanding this clause shouldn't be there as mosquito accumulation is very site-specific and its density reduces with increase in height at which these sensors will be installed		Please refer corrigendum
689	Volume -ii-147-end	6.7.3 Environmental Sensors	-	Smart Environment Mobile application	Requesting the authority to let us know what are the number of user licenses to be considered for this app and what are the number of concurrent users.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
690	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	10The platform shall comprise of an Industrial PC running latest version OS and compatible software.	Requesting the authority to give clarity if the platform for Environmental sensors solution can directly run on server.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
691	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	15 Data retrieval from CMS via USB and DVD shall be possible.	Requesting the authorities to clarify why such a requirement is there. Data retrieval should be done digitally from the control room or via USB. The current requirement of data retrieval via DVD is very OEM specific.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
692	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	16Generation of reports for pollution load, wind rose etc.	Please confirm that you mean Wind Load instead of Wind Rose and accordingly, please do the required modification		Please refer corrigendum
693	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	4These should also be capable of being used for Public Address.	Requesting the authority to provide clarity for the requirement of usage of ECB as PAS separately. The speaker in ECB is not suitable for addressing the public purposes because too loud mic may lead to interference in distress communication.		Please refer corrigendum
694	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	7Call Button: Watertight Large backlit Rectangular Push Button, Visual Feedback for button press and call indication	Requesting you to kindly modify the clause to the following: "7 Call Button: Watertight Large backlit Rectangular/Circular Push Button, Visual Feedback for button press and call indication" Justification: The shape of the push button vary from OEMs to OEMs, therefore the authority is requested to do this modification for wider participation of OEMs.		Please refer corrigendum
695	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	10IP66 as per EN 60529, IK09 Protection EN 62262 or better	Requesting you to kindly modify the clause to the following: "10. IP55 or IK09 Protection or better" Justification: As per Indian standards and the prevalent experience across various smart cities in India, IP55 or IK09 rated protection itself will be sufficient since the application will be for outdoor use. Also, requesting the authority to remove the EN standards clause since these are OEM specific and bar the products which are Make in India		No change
696	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	13Inbuilt Class D Amplifier, 99db SPL	Requesting you to delete this clause. Justification: This clause is OEM specific, thereby restricting OEMs to participate for the submission of the tender.		No change
697	Volume -ii-147-end	6.7.5 IoT Gateway Specification	66 of 146	-	Since all the onfield components of a location will be connected via industrial network switch for the communication and this switch will be connected with the Control room through OFC fibre switch, the requirement of IoT Gateway is null. Requesting the authority to delete this requirement since it is not required. All the onfield components will be connected with each other via industrial switch only and this switch will be connected with the Control room through OFC fibre switch.		No change
698	Volume -ii-147-end	6.7.6 Public Address System Outdoor Horn Speaker Technical Specifications	67 of 146	2Protection – IP66 and preferably IK10 or better	Requesting you to kindly modify the clause to the following: "2. Protection – IP66 or IK10 or better" Justification: Since the application for the speaker will be outdoor, IP66 or IK10 rated speakers itself will be sufficient. Also, IP66 is equivalent to IK10 ratings.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
699	Volume -ii-147-end	6.7.6 Public Address System IP PA Amplifier Technical Specifications	68 of 146	7Speaker: Minimum 3 Speakers 30 W capacity per location	Requesting you to kindly modify the clause to the following: "7. Speaker: Minimum 2 Speakers 30 W capacity per location" Justification: Providing 2 speakers on each location will be sufficient. Also, this is contradictory to the clause mentioned under IP PA Amplifier as "6. Minimum 2 Inputs and 1 Output relay contacts in Amplifier for connecting external beacon"		No change
700	Volume -ii-147-end	6.7.6 Public Address System IP PA Amplifier Technical Specifications	68 of 146	10Compliant: CB/CE/EN/UL and BIS/IEC	Requesting you to kindly modify the clause to the following: "10. Compliant: CB/CE/EN/UL and BIS/IEC. A declaration can also be given which mentions that the certificates will be provided before the delivery of the solution " Justification: Since our application for the BIS certificate is work-in-progress, therefore, you are requested to also give us an option for providing the declaration for providing the required certificates before delivery.		No change
701	Volume -ii-147-end	6.7.6 Public Address System PAS Central Software Specifications	69 of 146	4Central Server operating on 2 or more network interfaces 1Gbps or more data rate Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Central Server operating on 2 or more network interfaces 1Gbps or more data rate" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products		No change
702	Volume -ii-147-end	6.7.6 Public Address System PAS Central Server	69 of 146	4Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Compliance – UL 62368-1" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products.		No change
703	Volume -ii-147-end	6.7.7 City Public Wi-Fi	69 of 146	1. Access Points proposed must include dual radios (2.4 GHz and 5 GHz) and should cover a distance of 250 meters in open area. Outdoor (IP67 rated or better) Wi-Fi6 802.11ax WLAN AP with Tilt bracket & PoE Injector	Requesting you to kindly modify the clause to the following: "1. Access Points proposed must include dual radios (2.4 GHz and 5 GHz) and should cover a distance of 150 meters in open area. Outdoor (IP55 rated or better) Wi-Fi6 802.11ax WLAN AP with Tilt bracket & PoE Injector" Justification: As per the WPC guidelines and wifi-6 standards, the cell should cover a maximum distance of 150 meters in an open area. This part of the clause is OEM-specific. Also, since it will be used for outdoor applications, IP55 rated product is also sufficient. Therefore the authority is requested to do this modification for wider participation of OEMs.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
704	RFP No. 2	8. Cache	83	Minimum 64 GB of useable cache across all controllers. If cache is provided in additional hardware for the storage solution, then cache must be over and above 64 GB.	Request amendment as "Minimum 64GB of useable cache across all controllers. The cache should be exclusively be used for accelerating I/O performance"		No change
705	Volume 2 – Scope, Functional & Technical Specification	-	-	-	Need to add Network APT Layer in the Solution Architecture which is not included in the framework	Network APT is a layer which monitors the complete internal traffic to identify, assess and detection response to the threats available in the network.	No change
706	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.		No change
707	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum
708	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
709	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
710	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		No change
711	Vol-II	Object classification for detection of stray animals on the road	141	ii.The system should generate an automatic alert with the details (image, location etc..) of the animal blocking the traffic	This clause is not relevant for the ITMS system; animal detection is part of the video analytics system. The same has been covered under the video analytics system. Hence, we request that you kindly remove this clause from the ITMS system.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
712	Vol-II	Technical requirement of Vehicle Detector Sensor	141	Request for addition	<p>Since the system will be used for Adaptive Traffic Control System and in maintaining law & order situation. Vehicle detection component is playing very crucial role in the RFP. OEM experience with considerable project experience should be incorporated which is somehow missing.</p> <p>Hence, we request you to add the OEM criteria for Vehicle detectors for quality OEM participation.</p> <ol style="list-style-type: none"> The sensor should provide live traffic status, average speed, counting, classification data to ICCC for traffic planning and management. The data should to be encrypted and transferred to the controller & ICCC in secured manner. Valid certificate for encryption & vulnerability assessment of system on the name of ITMS OEM, from CERT-In empaneled testing agency in India shall be submitted along with bid. The vehicle detection system shall be interfaced with Traffic Signal Controller. The output of the same i.e., presence, vehicle queue length, count, Classification, headway, gap, average speed, reverse driving of vehicles and fallen object shall be used to influence the operation of the traffic signal controller, generate counts, demands and extensions for right-of-way. Vehicle detector that does not change its status at least once during a stage execution shall be notified to the Central server at the termination of the associated stage. Vehicle Detector camera should look at approaching traffic and should work in FOG/ Rain/ dirt conditions. Vehicle Detector 5 Megapixel (or better) camera can be used for general surveillance camera and Evidence/RLVD. 		No change
713	Vol-II	ICT Solution 4. Traffic Enforcement System:	148	To facilitate communication and information collaboration among the operators from various traffic zones, the ITMS shall provide the built-in chat function to exchange the text, image, video clips or any other file from the workstation to other fellow operators or supervisors, thus creating an ad-hoc collaborative environment for incident investigation.	<p>It seems this clause has been put erroneously in the ITMS platform; however, the built-in chat functionality is part of "Collaboration Platform," i.e., already there in the RFP Vol-II page no. 196" and not relevant for the ITMS platform.</p> <p>Hence, we request that you kindly clarify the same and shift this clause from the ITMS system to the collaboration platform.</p>		No change
714	Vol-II	ICT Solution 4. Traffic Enforcement System:	148	The ITMS shall provide all the use cases and functionalities mentioned in the specifications in a unified platform. The ITMS shall provide the multicasting functionality for monitoring live and archived videos from the unified client. It shall provide an integrated management functionality for camera, recording , traffic violation and incident use cases management and user management for ease of operation.	<p>We understand that the recording of event/violation based videos in the ITMS unified platform.</p> <p>Hence, we request that you kindly clarify.</p>		Please refer relevant clauses of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
715	Vol-II	Video Handling and General Functions	149	1. ITMS shall allow recording a matrix of cameras from the operator workstation in a single file to create investigative report as a single video file in case of an event or an accident. It shall be possible to share such a file to the fellow operators or supervisors using a built-in chat function .	It seems this clause has been put erroneously in the ITMS platform; however, the built-in chat functionality is part of "Collaboration Platform," i.e., already there in the RFP Vol-II page no. 196" and not relevant for the ITMS platform. Hence, we request that you kindly clarify the same and shift this clause from the ITMS system to the collaboration platform.		No change
716	Vol-II	Video Analytics: AI Based Camera Tampering Detection	243	3. The speed detection software system shall be certified by any accredited laboratory for speeds from 40 KMPH to 235 KMPH with variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, 200 KMPH and 235 KMPH speeds.	Tampering analytics has already been asked in camera analytics itself, and the person is trackable in other camera recordings if any tampering alert is generated. Hence, we request that you modify the clause as mentioned below to avoid confusion. 2. Once an alert is generated, the incident should be flagged, and the system should have the capability to trace the person responsible for the sabotage in other cameras recordings and send notification to the concerned authority.		Please refer corrigendum
717	Vol-II	Video Analytics	243	Video Summarisation	Asked about video summarization in the analytics section; however, video summarization is a separate module and functionality. Hence, we request that you kindly incorporate the video summarization module licences with quantiti to calculate the required server and storage sizing and type of analytics in the price component for CAPEX BOQ.		No change
718	Vol-II	Video Analytics	243	AI Based asset protection, Grouping, crowding and Person waving.	As per our understanding, grouping and crowding both have similar use cases. We request that you kindly clarify the same.		Please refer relevant clauses of RFP
719	Volume II 6.2.7 Core Switch			Additional Point	Request to add these points to achieve the High Availability "The proposed switch should support distributed and redundant architecture by deploying two Core switches with each switch maintaining independent control and synchronized during upgrades or failover and should support upgrades during live operation"		No change
720	Volume II 6.2.7 Core Switch			Additional Point	The proposed switch should support IEEE 802.3ad LACP with 50 link aggregation groups (LAGs), each with eight links per group, with a user-selectable hashing algorithm		No change
721	Volume II 6.2.7 Core Switch			Additional Point	Now a days Most of the applications are comes with Modernisation, Sameway network switches should support the programmable to automate the network to reduce the Operational complex issue. "The proposed switch should support Built-in programmable and easy to use REST API interface"		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
722	Volume 2	ICCC Specificati	74	320: ICCO OEM Criteria Proposed ICCO Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013	We request to revise the ICCO OEM criteria as per below: Recommended for Revision: 320: ICCO OEM Criteria Proposed ICCO Platform should have been deployed in at least 3 smart cities/ ITMS projects in India /Global. All these implementations should be successfully operational for least 3-1 year. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013		Please refer corrigendum
723	Volume 2	ICCC Specificati	276	Mobilization Advance The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.	The advance payment is generally a non interest bearing amount and is recovered from the subsequent payments made to SI from each bills. so we request to delete the interest from advance payment. Recommended for Revision: Mobilization Advance The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.		Please refer corrigendum
724	Vol II	10	94	Verifies endpoint posture assessment for PCs connecting to the network. . Should be a persistent client-based agent to validate that an endpoint is conforming to a company's posture policies. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispysware software packages	Request you to amend as "Verifies endpoint posture assessment for PCs connecting to the network. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispysware software packages"		No change
725	Vol II	14	127	The CSP should have minimum following experiences. • Providing the Public Cloud Services (PaaS, SaaS) in India	Request for Deletion		Please refer corrigendum
726	Vol II	15	78	Routers should support Timing and Synchronization such as Synchronous Ethernet or Precision Time Protocol (PTP)	Request you delete.		No change
727	Vol II	15	128	CSP should support both BYOL (Bring your own license) BYOL is eligible to run everywhere, and with a Pay as you go option. The OS offered should come with continuous updates and upgrades anytime.	Request for Deletion		Please refer corrigendum
728	Vol II	16	78	The router shall support LACP 802.3ad and bundle upto 8 links.	Request you delete.		No change
729	Vol II	16	78	The router shall support LACP 802.3ad and bundle upto 8 links.	Request you amend "The router shall support LACP 802.3ad ."	OEM Specific clause will limit the participation.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
730	Vol II	17	78	The router should support IP SLA or RPM (or equivalent) for performance measurements, it should also support monitoring of IP SLA/RPM (or equivalent) probes using SNMP polling (OEM has to provide SNMP MIB information)	Request you delete.		No change
731	Vol II	19	78	The Router Should support DHCP server and client functionality, it Should support DHCPv6 server/relay as well.	Request you delete.		No change
732	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		Please refer corrigendum
733	Vol II	27	129	Cloud Service Providers must offer Cloud native/ 3rd party SIEM Marketplace solutions turnkey SIEM offering by which customers can configure real-time analysis and alerting of security events. At a minimum, the integration or service must support alerting, log retention and some form of forensic analysis that is able to search across logs and periods of time for patterns.	Request for Deletion		No change
734	Vol II	27	78	The Router Should be NEBS Level III or equivalent complied.	Request you delete.		No change
735	Vol II	28	78	The Router operating system of the Routers category/series/family should be MEF-9/14 or CE (Carrier Ethernet) Certified/compliant.	Request you delete.		No change
736	Vol II	32	88	Should support 802.1Q VLAN, 802.1p priority queues.	Request for deletion		No change
737	Vol II	32	129	The block and object storage services must offer customers the self-service ability from both management console and Command Line Interface to opt into provider-enabled server side encryption (SSE) for objects or object hierarchies within the storage service.	Request for Deletion		No change
738	Vol II	33	99	Engine should be protected from dust ingress	Request for Deletion		No change
739	Vol II	33	129	Large instance support: Providers must offer customers instances with a large number of processor cores and memory for processor or memory intensive use cases. The provider must be able to provide instances that support at larger vCPUs and RAM.	Request for Deletion		No change
740	Vol II	33	88	Should support Layer 2 QoS	Request for deletion		No change
741	Vol II	34	88	Should support strict Priority Queue, Weighted Round Robin (WRR), Rate Limiting (Bandwidth Control) or equivalent	Request for deletion		No change
742	Vol II	35	88	Should have AC Power Supply 100 to 240 V AC with 50 to 60 Hz without any external adaptors	Request for deletion		No change
743	Vol II	36	129	Cloud provider should offer a service that acts like a customized cloud expert and helps provision resources by following best practices.	Request for Deletion		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
744	Vol II	36	91	Switch should comply to Operating Temperature range 0°C to 50 °C	Request for deletion.		No change
745	Volume ii	6.1.1	68	Machine Learning Builder capability: There shall be a tool for the city administrators to create analytics / predict outcomes, when necessary, the tool provided shall allow the user to develop models for analytics using the necessary data available to the user.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
746	Volume ii	6.1.1	68	Machine Learning Builder capability: The Machine Learning Tool should have an easy-to-use, visual interface that gives users the access to data exploration.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
747	Volume ii	6.1.1	68	Machine Learning Builder capability: The Machine Learning Tool shall support data input from multiple data Sources for data accumulation.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
748	Volume ii	6.1.1	68	Machine Learning Builder capability: The Machine Learning Tool supports ready to use ML Pipeline for prediction, recommendation, optimization, forecasting, Natural Language Processing, Anomaly detection.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
749	Volume ii	6.1.1	68	Machine Learning Builder capability: The Machine Learning Tool should support users to choose from multiple Machine Learning Model types like (Not limited to:)	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
750	Volume ii	6.1.1	68	Machine Learning Builder capability: Auto ML: Users can select this option and the system automatically selects the Algorithm based on best accuracy	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
751	Volume ii	6.1.1	68	Machine Learning Builder capability: Manual ML: Users can select Algorithms manually and provide parameters based on the selected Algorithm	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
752	Volume ii	6.1.1	68	Machine Learning Builder capability: Geo ML: Users can select ML Algorithms especially built for Geospatial Data.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
753	Volume ii	6.1.1	68	Machine Learning Builder capability: Users can Export files in multiple data formats (CSV, PDF, Excel etc.)	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
754	Volume ii	6.1.1	68	Machine Learning Builder capability: The Machine Learning Tool shall allow the users to load disparate data sources and join, filter, and wrangle data, all without having to write queries.	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
755	Volume ii	6.1.1	49	Drive in-line departments operational efficiency through AI: 1.It should support ready to deploy Smart Cities AI/ML applications for various domains to drive efficiency across various in-line departments. 2.It should be integrated with a tool to support composing the data, building ML models and deploy them as APIs to be used by various AI/ML application	In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		No change
756	Vol II	Diesel Generator Set 200 KVA Specification	121		All the fuel consumption (diesel) during implementation and in O&M Phase has to be borne by PSCDL.		SI Scope
757	vol II	5.14 Civil and Electrical Works	39	Registration of electrical connections at all field sites shall be done in the name of Authority.	Could you please provide further clarification regarding the requirement to register electrical connections at all field sites in the name of the Authority? Provide us the Authority name. Are there any specific documents or paperwork that need to be submitted during the registration process ? Are there any specific guidelines or procedures that the Service Integrator (SI) needs to follow when registering these electrical connections?		SI need to follow procedure as decided by the Puducherry Government.
758	vol II	5.19 Project Timelines – Component wise	46	Progress reports : After 5th of succeeding month, a penalty of Rs. 1 lakh per day with a capping of 15 lakh.	Can the Tender Authority consider revising the penalty clause specified in the tender document which states, "After 5th of the succeeding month, a penalty of Rs. 1 lakh per day with a capping of 15 lakh"? We believe that the current penalty structure is quite stringent, and we would like to request authority reducing the penalties to ensure a fair and practical framework for all parties involved. Ind request to consideration for adjusting the daily penalty amount and capping to reflect a more reasonable approach that aligns with the project's requirements and potential challenges faced during execution?		Please refer corrigendum
759	vol II	5.19 Project Timelines – Component wise, Implementation of Project, Progress Reports	46	After 5th of succeeding month, a penalty of Rs. 1 lakh per day with a capping of 15 lakh	kindly amend this clause to 25 thousand only		Please refer corrigendum
760	Vol I II	5.3 Finalization of Detailed Technical Architecture	27	The system should have capability to take feed from cameras installed by private / Govt. at public places, digitize (if required) & compress (if required) this feed & store as per requirements	Need detailed description/ BoQ as without quantified BoQ we will not be able to measure the cost implication		No change
761	vol II	5.3 Finalization of Detailed Technical Architecture	25	5.3 Finalization of Detailed Technical Architecture	Why we need Multiple DC like On premises and cloud DC . Kindly Remove Coloud DC Instead of keep On premisis DC alone.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
762	vol II	5.3 Finalization of Detailed Technical Architecture	25	5.3 Finalization of Detailed Technical Architecture	Please Clarify all the Surveillance Storage will be available only in On premises or DC or on both.		Please refer corrigendum
763	vol II	5.3 Finalization of Detailed Technical Architecture	25	5.3 Finalization of Detailed Technical Architecture	Could you please clarify and elaborate on the types of data mentioned in section 5.3 of the proposal? Specifically, we would like to understand the nature of data associated with ICC (Integrated Command control Center) and other applications such as ITMS (Intelligent Transportation Management System), VA (Video Analytics), and IoT App (Internet of Things Application). It would be helpful to gain more insights into the specific data categories, such as sensor data, Violations data, analytics outputs, or any other relevant data sources and formats. Additionally, if there are any special considerations or security requirements related to the handling and storage of this data, please provide further details		Please refer corrigendum
764	RFP Vol_2_Part_2	5.3 Finalization of Detailed Technical Architecture	26	The SI shall make the provision for high availability (N:N or N:1) for all the services of the system. Redundancy has to be considered at the core components level.	We request you to give the details how many numbers of users/nodes hit/connect to servers in a single time. Since, it would be help us to calculate the core-based applications software.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
765	Volume II	5.5 Miscellaneous (a)	29	5.5 Miscellaneous: a) Authority shall assist in obtaining all necessary go ahead, legal permissions, NOC (No Objection Certificate) from various departments to execute the project. SI shall have to identify and obtain necessary legal / statutory clearances for erecting the poles and installing cameras, for provisioning of the required power, etc. SI shall provide & manage all necessary paper work to pursue permission from respective authorities. Commercial/legal fees / RoW charges shall be applicable to Authority for obtaining the necessary permissions.	We understand Commercial/legal fees / RoW charges will be paid/ reimburse by authority . Pls confirm.		Please refer corrigendum
766	Volume II	5.9 Integrated Traffic Management System (ITMS), E. E- Challan Devices	35	5.9 Integrated Traffic Management System (ITMS) E. E-Challan Devices The SI is required to supply devices for junctions to integrate in to the existing e-Challan application for spot challan issuance.	Request you to share existing details of E-challan system.		Please refer corrigendum
767	Volume - II	6. Functional Requirement and Technical Specifications		6.10.1 Video Management System: 2 The VMS should offer feature rich desktop client for Microsoft Windows and Linux OS. It should also have a browser agnostic web client and mobile client available on Android and IOS platforms.	As per Sr no 3 of System Architecture The VMS should be compatible with Microsoft Windows/Unix/Linux Operating Systems, and here VMS Client asked for Windows and Linux OS . Both the clauses are contradict. We Request to kindly please ammend this clause as The VMS should offer feature rich desktop client for Microsoft Windows or Linux OS. It should also have a browser agnostic web client and mobile client available on Android and IOS platforms.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
768	Volume II	6.12	252	Request for addition	<p>In a smart city and safe city ITMS project, LPU plays a very crucial role, and as per the RFP, not much specification of LPU is mentioned. Local Processing Units (LPU) installed at outdoor locations are required to be protected from electronics failure due to vibrations and shocks produced by the movement of heavy vehicles and earthmovers on the roads. As LPUs are being installed here in the outdoors, there are constant vibrations and shocks, which may lead to a high probability of electronics equipment failure.</p> <p>Therefore, we request that you kindly incorporate the below-mentioned specification of LPU.</p> <p>1.- Certifications- CE,FCC, BIS & MIL 810 G</p> <p>2. Proposed LPU should be MIL-STD-810G certified and qualify as per Make in India guidelines.</p> <p>3. The MAC address of the Local processing unit must be registered in the name of proposed ANPR/ITMS OEM. Supporting proofs shall be submitted along with the bid. OEM undertaking & MAC address registration proof.</p> <p>4. Local Processing units for ANPR/RLVD/SVD/Traffic Analytics/ VDC should have native integration with the application for optimum performance & to meet SLA requirement and should have MAC address on the name of ANPR/RLVD/SVD/Traffic Analytics/ VDC OEM</p> <p>Bidder to ensure proposed Local Processing Unit should be able to work in outdoor environment (shock & vibrations), due to heavy vehicle movement on roads without electronic failure.</p>		No change
769	Volume II	6.13	252	Request for addition	<p>In a smart city and safe city ITMS project, External IR Illuminator plays a very crucial role for night vision results & accuracy for ANPR/RLVD/SVD System.</p> <p>Hence, we request that you kindly remove it as an optional & incorporate as External IR Illuminator line items along with quantity.</p>		No change
770	Volume II	6.13 External IR Illuminator (Optional)	252	6.13 External IR Illuminator (Optional) 9. Certifications: CE, FCC, RoHS, Eye Safety test report	IR Wavelength: ≥850 nm (Infrared) in CCTV are near infrared which are not harmful for eyes. Prolonged exposure with high intensity IR may damage the eyes. In applications mentioned in RFP there will be hardly any direct contact of human eye with IR illuminator. Request you to remove the eye safety test report.		No change
771	Volume II	6.13 External IR Illuminator (Optional)	253	6.13 External IR Illuminator (Optional) 14. Proposed IR Illuminator should be IP66, IK10, CE, FCC, RoHS and Eye & Skin safety test report IEC-62471 certified.	Request you to remove the eye & skin test certificate and ammend this feature as "Proposed IR Illuminator should be IP66, IK10, CE, FCC, RoHS"		No change
772	Vol II	6.14 Network Connectivity - OFC	253		RoW feasibility, ownership and charges should be under PSCDL scope only	Beyond the Scope of SI	Please refer relevant clauses of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
773	vol II	6.2 On Premise Data Centre (DC)	76	Functional requirement: It is proposed to setup on premise DC for the video-based applications like ITMS and city surveillance. The servers and storage set up are made with redundancy and high availability. The solution shall have the capability to scale up to 50% for 5 years. Detailed elaboration is mentioned in Applications Architecture under sec. 5.3: Finalization of Detailed Technical Architecture.	Redundancy and High Availability: a. Can you elaborate on the redundancy and high availability measures planned for the servers and storage setup? Are there any specific requirements or standards that need to be followed? b. What is the expected downtime or recovery time objective (RTO) in the event of a failure in the primary storage or server? Kind request you to provide clarification on above Queries to have better clarity on solution design .		Please refer relevant clauses of RFP (Vol-II)
774	PSCDL RFP Vol II Geographical Information System	6.8	217	GIS platform should support different layers like - Ward Boundary Layer - Zone Boundary Layer - Street Boundary Layer etc.	As per our experience in different smart city projects , an updated city centric Base Map is essential for project implementation. Since in the RFP , basemap creation has not been mentioned, we assume that the basemap will be provided by the department. Please confirm. And If the basemap is not available with the department , then it needs to be created by using latest satellite image having spatial resolution 0.3m. So, we recommend to add " Base map creation " point in the RFP, along with the scale on which it has to be created . The base map should be of 1:2000. All features that are visible in High resolution satellite image needs to be extracted to spatial data with all correspondence attribute information. SO, we request you to add below components also - 1) "Base map creation for city at scale 1:2000 as visible in satellite image" 2) "Procurement of latest High resolution images on 0.3m resolution from NRSC"		No change
775	Volume -ii-147-end	6.9 Flood Sensors & Alert System Technical Specifications	73 of 146	Communication Capability: 3. Wireless: LoRa865-867 MHz	Kindly remove this as it is an unnecessary requirement. The sensors will be connected to the control room via other modes of communication which are already mentioned. Having this as one of the requirements makes it restrictive for wider participation and favour only few OEMs.		No change
776	Volume -ii-147-end	6.9 Flood Sensors & Alert System Technical Specifications	73 of 146	Range Options: 2. Max Range: 3 ft (91cm) 30 ft (9.1m) 50ft (15.2m)	As per the BoQ, total requirement for flood sensors are 20 nos. No breakup for each of 3 types are given. Therefore, the authority is requested to provide clarity for the breakup of the 20 nos quantity (Range option wise) since this will have a commercial impact.		No change
777	PSCDL RFP Vol II Use cases to be deployed / integrated:	10	258	GIS Platform	In this particular section use cases related to GIS Platform needs to be implemented. Therefore, we request you to please provide in detail all required use cases regarding to GIS Platform / GIS based web application.		Please refer relevant clauses of RFP (Vol-II)
778	Volume 2 – Scope, Functional & Technical Specification on Mobilization Advance	15 Annexure III: Project Milestones and Payment Schedules for Implementation	276	The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.....	We request RailTel to kindly clarify the definition of Awarded Contract Value that shall be considered for making the payment of Mobilization Advance. Is it Capex Value = Awarded Contract Value OR is it Capex + Opex Value = Awarded Contract Value? We RailTel to kindly confirm the understanding?		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
779	Vol II	18	107	Voice gateway to be provided with 1 PRI card scalable to 3 PRI in future for PSTN (PRI) line termination.	Request For Deletion		No change
780	Vol II	31	88	Should support Dual Images	Request for deletion		No change
781	PSCDL RFP Vol II Common Enabling System	145	62	Platform must provide ability to configure various geo-spatial data from different providers including but not limited to City GIS systems	Every smart city requires a Web-GIS portal for viewing, analysing and utilizing the Geographic Information to fulfil the needs of department . Therefore, we would like to recommend the customization of a GIS portal that will act as a decision support system for the department with all required GIS based functionalities. So please add the development of web GIS Portal in the BOQ.		No change
782	PSCDL RFP Vol II Common Enabling System PSCDL RFP Vol I Integration Experience Smart City PSCDL RFP Vol I Integration Experience Smart City	148 4 4	63 43 43	It should be possible to visualize all the Assets (Sensor, Devices, Vehicles, Cameras, other city resources) on map. i. Surveillance System with 500 cameras. v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos	As per our understanding, A GIS based Integrated Survey solution will be required for collecting the locational and attribute information of all smart city elements. Additionally this collected feature should be Sync with central server automatically for visualization in GIS Geoportal and other smart city applications. So, we request you to add below mentioned components in BOQ as - " Supply and Deployment of GIS based Integrated Survey solution for Geotagging of smart elements "		No change
783	Volume ii	4.10.4	18	This application will be required to be installed on the common data center and disaster recovery center for smart cities. This application platform will be common to all cities with different instances of each city	Please elaborate on "This application platform will be common to all cities with different instances of each city" There is only one city where the ICCC has to be deployed, kindly detail this point		No change
784	Volume ii	4.10.4	18	This application will be required to be installed on the common data center and disaster recovery center for smart cities. This application platform will be common to all cities with different instances of each city	Please elaborate on "This application platform will be common to all cities with different instances of each city" There is only one city where the ICCC has to be deployed, kindly detail this point		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
785	vol II	5.4.2 Existing Traffic Signal system	28	5.4.2 Existing Traffic Signal system The infrastructure of existing traffic signal systems including the aspects, controllers etc. will be dismantled and replaced with the new systems which are proposed and required under the scope of this project. The dismantled infrastructure shall be delivered at the designated location of PSCDL/DRDM without damage at no extra cost.	1. Could you provide more details about the existing infrastructure (Make and Model and Working status) of the traffic signal systems that are currently in place? 2. Are there any specific types of controllers or equipment used in the existing traffic signal systems that need to be replaced as part of this project? 3. Can you clarify the designated location where the dismantled infrastructure should be delivered to, specifically for PSCDL/DRDM? 4. Will the cost of delivering the dismantled infrastructure to the designated location be covered under the project scope, as mentioned in the tender document? 5. Is there a specific process or timeline for dismantling the existing infrastructure and replacing it with the new systems proposed in the project? Request to PSDCL Authority to clarify the above Points .		No change
786	vol II	5.4.2 Existing Traffic Signal system	28	The infrastructure of existing traffic signal systems including the aspects, controllers etc. will be dismantled and replaced with the new systems which are proposed and required under the scope of this project. The dismantled infrastructure shall be delivered at the designated location of PSCDL/DRDM without damage at no extra cost	kindly ammend this clause asthe dismantled structure is in dept(pscdl) scope as this scope is related of finance		No change
787	Volume II	5.4.2 Existing Traffic Signal system	28	5.4.2 Existing Traffic Signal system - The infrastructure of existing traffic signal systems including the aspects, controllers etc. will be dismantled and replaced with the new systems which are proposed and required under the scope of this project.	We understand the existing poles, energy meters and other site related infra can be used. Pls confirm.		No change
788	vol II	5.4.3 Electrical Works and Power Supply	28	5.4.3 Electrical Works and Power Supply The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	0. Could you explain the process of reimbursement for the amount deposited by the SI? How is the verification conducted, and when can the SI expect reimbursement in the next billing cycle? 1. Could you please provide more details on the process of interacting with PSCDL/DRDM for the provision of mains power supply at all locations for the ICCC field systems? What are the specific steps or procedures involved? 2. Who will be responsible for paying the electricity bills, including connection charges, meter charges, and recurring charges for the ICCC field systems? Is it the responsibility of the SI (Service Integrator)? 3. What documentation or proof is required for the SI to submit the challan (receipt) of bill submission to PSCDL/DRDM?		SI need to follow procedure as decided by the Puducherry Government.

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
789	Vol II	5.4.3 Electrical Works and Power Supply	28	The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	Penalties attracted due to delay in bill payments should be borne by PSCDL/DRDM only.	Beyond the Scope of SI	SI need to follow procedure as decided by the Puducherry Government.
790	Vol II	5.4.3 Electrical Works and Power Supply	28	The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	All the Electrical Power bills during the implementation phase should also be reieimbursed during current billing cycle.		SI need to follow procedure as decided by the Puducherry Government.
791	vol II	5.4.3 Electrical Works and Power Supply	28	The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle	Kindly ammend this clause the power charges at field and iccc will be in the scope of the use (pscld) in project time period		SI need to follow procedure as decided by the Puducherry Government.
792	Vol II	6.2.20 Data Center & ICCC	109		Kindly specify the distance between Data center and nearest Transform for sizing the electrical requiements.		SI Scope of survey
793	Vol II	6.2.20 Data Center & ICCC	109		Please confirmn in which floor the Data Cneter space will be provided.		To be decided by the Puducherry Government.
794	Vol II	6.2.20 Data Center & ICCC	109	power source	Kindly specify the distance between Data center and nearest Transform for sizing the electrical requiements.		SI Scope of survey
795	Vol II	6.2.20 Data Center & ICCC	109	general	Please confirmn in which floor the Data Cneter space will be provided.		To be decided by the Puducherry Government.
796	Vol II	2	77	Router should support Optical Transceiver Digital Diagnostic Monitoring.	Request you to amend as "Should deliver multiple IP services over a flexible combination of interfaces"		No change
797	Vol II	2		Should have minimum 4 nos. SFP based 1 GE ports.	Request you to amend as Should have minimum 2 nos. SFP based 1 GE ports.	The said clause limits the number of OEMs participations.	No change
798	Vol II	2	77	Router should support Optical Transceiver Digital Diagnostic Monitoring.	Request you to amend as "Should deliver multiple IP services over a flexible combination of interfaces"		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
799	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		Please refer corrigendum
800	Volume II	2.29	29	d. All CCTV Cameras, Video Management System, Video Analytics Solution/Software and any video/image processing solution within overall project offering should be compliant to ONVIF Core Specification '2.X' for Profile 'S' and preferably Profile 'G'	ONVIF ensures cross-compatibility between different OEMs of cameras and video management software for live view and recording the video feed, including other control signals like time stamping, motion, etc., whereas video analytics software and any video or image processing solution don't send any control signals to the camera by using the ONVIF protocol. Video analytics software and any video or image processing solution use a video feed by using an RTSP stream directly from the camera or through video management software. Restricting video analytics solutions and software and any video or image processing solution OEMs on the ONVIF clause is giving an edge to specific OEMs and restricting others' participation. Hence, we request that you amend the clause as mentioned below for fair and larger participation. d. All CCTV cameras and video management system solutions within the overall project offering should be compliant with ONVIF Core Specification '2.X' for Profile "S" and preferably Profile "G."		Please refer corrigendum
801	Volume II	2.29	29	Request for addition	With reference to latest G.S.R and amendment in section 167 of Central Motor Vehicle Rule,1989, the electronic enforcement device used for issuance of a challan shall have an approval certificate from nominated government agencies. Proposed Speed measurement system should have an accuracy of more than 200 Kmph +/- 2 %, certificate from Government Impeneld agency as per latest GSR 575 (E) guidelines August 2021 shall be submitted along with bid.		Please refer relevant clauses of RFP (Vol-II)
802	Volume II	2.29	29	Request for addition	Proposed ITMS OEM should have supplied minimum 1000 ITMS licenses including ANPR, RLVD & SVD (cumulative) and 1000 Video Analytics (Vehicular) licenses within last 5 years for maximum 5 (five) smart cities / ITMS / safe city projects in India where end user is Government. Copies of Purchase Order(s) / Contract Agreement along with completion certificate should be submitted with the bid documents.		No change
803	Volume II	2.29	29	Request for addition	Proposed VDC solution OEM should have implemented 500 nos. of VDC units (cumulative) as on bid submission date in min. 3 smart city/ ITMS projects in India.		No change
804	Volume II	2.29	29	Request for addition	Local Processing units for ANPR/RLVD/SVD/Traffic Analytics/ VDC should have native integration with the application for optimum performance & to meet SLA requirement and should have MAC address on the name of ANPR/RLVD/SVD/Traffic Analytics/ VDC OEM.		No change
805	Volume II	2.29	29	Request for addition	The proposed VDC system should have certification from CERT-IN empanelled agency confirming to Cyber Security guidelines as per GOI, to ensure that the critical information processed and stored by the proposed application is secure from cyber-attacks / hacking. Certificate from CERT-In empanelled agency shall be submitted along with bid documents.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
806	Volume II	2.29	119	62. SVD Software Application License with ICCS platform Integration- 6 Nos 63. ANPR Software Application License with ICCS platform Integration	In the price component for CAPEX BOQ, SVD Software Application Licence is 6 Nos. and ANPR Software Application Licence is 3 Nos.; however, in 6.17 Bill of Material, page 92, it is 3 Nos. and 6 Nos. As per our understanding, SVD and ANPR software licences both should be 6 numbers. Hence, we request that you kindly clarify and confirm the current quantity of SVD systems.		Please refer corrigendum
807	Vol II	3	127	PaaS/SAAS, IAAS Services to be offered.	Request for Deletion		No change
808	Vol II	3	77	Router Should support Dual Images.	Request you delete.		No change
809	Vol II	4	109	Minimum 16 GB DDR4 or latest	Request you to amend as "Minimum 8 GB DDR3 ECC Memory @ 1600 Mhz.Slots should be free for future upgrade. Minimum 4 DIMM slots, supporting up to 32GB ECC"		No change
810	Vol II	4	127	Options for container registry and resource template libraries to support faster deployment and best practice implementation.	Request for Deletion		No change
811	Vol II	4	77	Router should support jumbo frames (9000) on all ports	Request you delete.		No change
812	Vol II	4	109	Minimum 16 GB DDR4 or latest	Request you to amend as "Minimum 8 GB DDR3 ECC Memory @ 1600 Mhz.Slots should be free for future upgrade. Minimum 4 DIMM slots, supporting up to 32GB ECC"		No change
813	Vol II	4.10 Terms of Payment(vi)	55	vi. Any penalties/ liquidated damages, as applicable, for delay and non-performance, as mentioned in this RFP document, shall be deducted from the due payments of the respective milestones	kindly ammend this clause to no penalty will be impose due to the any reasons in delay on proccet time lines .		No change
814	vol-2	4.11 SI's Obligations	21	o) Factory visits may be required by the Authorities at the cost of SI to verify the claims of the SI	The said clause to be removed as this will have major implication on the project delivery milestones.		No change
815	Vol II	4.11 SI's Obligations	21	o) Factory visits may be required by the Authorities at the cost of SI to verify the claims of the SI	Request for the Deletion of the clause	The said clause will have major implication on the project delivery timelines.	No change
816	Volume II	4.11 SI's Obligations (q)	21	4.11 q) All the software licenses that SI proposes should be perpetual software licenses. The software licenses shall not be restricted based on location and DRDM should have the flexibility to use the software licenses for other requirements if required.	Kindly specify use of software licenses to other requirements.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
817	vol II	4.3 Performance Bank Guarantee (PBG)	51	Within fifteen (15) working days from the date of issuance of LOI, the successful Bidder shall at his own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) to the Authority. The PBG shall be from a Nationalized Bank or a Scheduled Commercial Bank in the format prescribed in Section 9 - Annexure 5 (a), payable on demand, for the due performance and fulfilment of the contract by the bidder. This Performance Bank Guarantee shall be for an amount equivalent to 10% of total contract value. PBG shall be invoked by Authority, in the event the Bidder	kindly ammend this clause to 1%,to encorage the number of participants		Please refer corrigendum
818	voll II	4.3 Performance Bank Guarantee (PBG)	52	This Performance Bank Guarantee shall be valid only up to the completion of the period of 'Go- Live' + 60 months for the Solution. Irrevocable PBG will be accepted as per the banking norms with year on year renewal	kindly ammend this clause to PBG valid for 6 months from the date of go live		Please refer corrigendum
819	Vol II	5	94	Enforces security policies by blocking, isolating, and repairing noncompliant machines in a quarantine area without requiring administrator attention	Request for deletion		Please refer corrigendum
820	Vol II	5	109	Minimum Graphics card with 1 GB or higher video	Request you to amend as "Minimum Graphics card with 4 GB or higher video"		No change
821	Vol II	5	77	Router should support BFD for single hop and multihop sessions.	Request you delete.		No change
822	vol II	5.18 Project Timelines – Phase wise	46	Implementation of Project	The implementation of Smart Components, ITMS, ATCS, ICCC and various integrations may require additional time for successful execution. Hence, we kindly request an extension of the Go-Live time period from 6 months to 8 to 9 months.		No change
823	vol II	5.18 Project Timelines – Phase wise"	45	Once the project is over including O&M for five years with the adjustment of flaws, dues, penalties etc. for Handover.	What exactly does the Phase 3 adjustment entail? How does it relate to flaw rectification, dues, and penalties? Please clarify the specific objectives and scope of Phase 3? How will flaws be adjusted after the project is completed? Under what circumstances are dues and penalties applicable? What is the process for the handover once the project and O&M period end? Please clarify us on above Questions ?		Refer Exit Management Clause 13 in Vol-II of the RFP
824	vol II	5.18 Project Timelines – Phase wise(1)	45	Phase1(Impleme ntation period) Project Management, Supply, Installation, Testing and Commissioning of ICCC and other associated activities including Go Live. support at the time of execution and the entire project is to be rolled out on or before the T1 stage. T0+ 6M=T1	kindly ammend this clause to 24 M due to climitic condition the project will be delay ,this will encorage the number of participants .		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
825	vol II	5.19 Project Timelines – Component wise, Implementation of Project	46	After T/0+180 days, a penalty of 5% on the amount to be released on completion of same milestone value per week up to the maximum value of 10% on the amount to be released on completion of same milestone. However, Delay beyond two (2) weeks would lead to termination of contract	kindly ammend this clause to 0.1 % of the value .		No change
826	vol II	5.19 Project Timelines – Component wise	46	After T/0+2 weeks, a penalty of 2% per week on the amount to be released in phase 1 thereof up to the maximum value of 10% on the amount to be released in phase 1. However, Delay beyond three (03) wee	kindly ammend this clause to delay beyond 5 weeks and with 0.1 % of this value of this solution.		No change
827	vol II	5.19 Project Timelines – Component wise	46	Project Component Deliverables Timeline (Max Limit) Value of Penalty Deployment of Resources Successful Deployment of All Resources as per project requirement T/0+2 weeks After T/0+2 weeks, a penalty of 2% per week on the amount to be released in phase 1 thereof up to the maximum value of 10% on the amount to be released in phase 1. However, Delay beyond three (03) weeks would lead to termination of contract. Implementation of Project Implementation on of different milestone of the Project, i.e., the project is to be roll out in full fledge with all certification, clearances on or before T/0+180 days T/0 + 180 Days After T/0+180 days, a penalty of 5% on the amount to be released on completion of same milestone value per week up to the maximum value of 10% on the amount to be released on completion of same milestone. However, Delay beyond two (2) weeks would lead to termination of contract. ProgressReports Monthly Progress Reports during the implementation on period and during the O&M period By 5th of each succceedi ngmonth After 5th of succeeding month, a penalty of Rs. 1 lakh per day with a capping of 15 lakh. Project Deliverables User Acceptance Test (UAT) completion and other completion certificates enabling roll Out T/0+180 days After 15 days of T/0+180 days, a penalty of 1 lakh per day with a capping of 15 lakh. Delay	kindly ammend this clause to no 50 to 70 thousand as penalty ,to encourage the number of participants.		No change
828	vol II	5.19 Project Timelines – Component wis	47	T/0: The date of issuing of LOA/PO to SI The maximum Penalty is capped at 10% of the overall Contract value.	kindly ammend this clause to 0.1 % of the contract value to encourage number of participants		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
829	vol II	5.19 Project Timelines – Component wise, Implementation of Project, Progress Reports	46	After 5th of succeeding month, a penalty of Rs. 1 lakh per day with a capping of 15 lakh	kindly ammend this clause to 25 thousand only		No change
830	Volume II	5.19 Project Timelines – Component wise	46	Overall Penalty	Penalty clauses is relatively on a higher end and very harsh for the SI which involves huge financial impact. Therefore, request you to please relax the penalty clauses for further sustainability and financial viability of the project		No change
831	vol II	5.3 Finalization of Detailed Technical Architecture	26	The Applications proposed for various vertical solutions shall be capable of handling 50% growth for the next 5 years. SI shall clearly quantify the expansion capabilities of the application software without incurring additional cost.	What measures should be taken to ensure the system supports both vertical and horizontal scalability? Are there any system-imposed restrictions on the upward scalability of field devices and smart city components? How should the applications proposed for various vertical solutions handle a 50% growth over the next 5 years? Can the expansion capabilities of the application software be quantified without incurring additional costs? We request the authority to consider removing the point regarding without additional costs?		No change
832	vol II	5.8 City Surveillance System – (CCTV Camera	33	Ensure camera is protected from the on-field challenges of weather, physical damage and theft	kindly ammend this clause to field or ICCC equipment once installed and audit competed the si cope is complete over all .		No change
833	Volume - II	6. Functional Requirement and Technical Specifications	58	ICCC Specification The Complex Event Processing sub-system shall support for in memory data storage and rich data integration via out-of-the box store connectors for RDBMS like MSSQL, Oracle, MySQL, Maria, Postgres, MongoDB, HBase, Cassandra, Solr, Redis, Elasticsearch and Hazelcast etc.	As diffrent OEM used difeerent database so we request you to kindly please ammend this cluase as The Complex Event Processing sub-system shall support for in memory data storage and rich data integration via out-of-the box store connectors for RDBMS like MSSQL/Oracle/ MySQL/ Maria/ Postgres/MongoDB/HBase/Cassandra/Solr/Redis/ Elasticsearch /zelcast etc.		No change
834	Volume - II	6. Functional Requirement and Technical Specifications	74	ICCC Specifications Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.	We request you to kindly plase ammend this clause as Proposed ICCC Platform should have been deployed in at least 3 smart cities/Projects in India /Global. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
835	Volume - II	6. Functional Requirement and Technical Specifications	225	6.10.1 Video Management System: VMS should be agnostic to database servers For example it should work on Microsoft SQL, MySQL, PostgreSQL and Oracle. It should also support NoSQL databases.	As different OEM used different database so we request you to kindly please amend this clause as VMS should support database like Microsoft SQL/ MySQL/ PostgreSQL Oracle		No change
836	Vol II	6	109	256 GB, PCIe NVMe, SSD and 1TB SATA SSD	Request you to amend as "1 TB SATA-3 Hard drive @7200 rpm with Flash Cache of 64GB SSD, dedicated SSD Minimum 64 128 GB for OS"		No change
837	Vol II	6	77	Router should support MPLS-FRR to ensure high availability.	Request you delete.		No change
838	Vol II	6	90	Should support PoE of 24 ports	Request for deletion.		No change
839	Vol II	6	77	Router should support MPLS-FRR to ensure high availability.	Request you delete.		No change
840	Vol II	6	109	256 GB, PCIe NVMe, SSD and 1TB SATA SSD	Request you to amend as "1 TB SATA-3 Hard drive @7200 rpm with Flash Cache of 64GB SSD, dedicated SSD Minimum 64 128 GB for OS"		No change
841	Volume ii	6.1	74	ICCC OEM Criteria: Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013	Request you to change the clause as below "ICCC OEM Criteria: Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global with Integration to minimum 5 different sub systems /applications" In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		Please refer corrigendum
842	Volume ii	6.1	74	ICCC OEM Criteria: Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013	Request you to change the clause as below "ICCC OEM Criteria: Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global with Integration to minimum 5 different sub systems /applications" In the interest of larger participation, request to remove this clause from consideration as this is an backend activity for the implementation partners		Please refer corrigendum
843	vol II	6.11 Smart Kiosks(11)	250	Self-service Tourist Information Kiosk shall be upgradable through a central system remotely over internet	kindly amend this clause to internet charges/recharge will be borne by the dept(pscld) to encourage number of participants		No change
844	Vol II	6.14 Network Connectivity	253		All the internet charges during implementation and O&M phase to be borne by PSCDL.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
845	voll II	6.2 On Premise Data Centre (DC)	76	The solution shall have the capability to scale up to 50% for 5 years. Detailed elaboration is mentioned in Applications Architecture	Scalability: a. Could you provide more information on the expected growth rate or the factors considered in determining the requirement to scale up to 50% for 5 years? b. What are the specific criteria for scaling up the solution? Are there any performance or capacity thresholds that need to be met?		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
846	vol II	6.2 On Premise Data Centre (DC)	76	Functional requirement: It is proposed to setup on premise DC for the video-based applications like ITMS and city surveillance. The servers and storage set up are made with redundancy and high availability. The solution shall have the capability to scale up to 50% for 5 years. Detailed elaboration is mentioned in Applications Architecture under sec. 5.3: Finalization of Detailed Technical Architecture.	What scalability requirements should the solution meet over the next 5 years? Are there any specific performance metrics or user load expectations that need to be considered? Kind request you to provide clarification on above Queries to have better clarity on solution design .		Please refer relevant clauses of RFP (Vol-II)
847	vol II	6.2 On Premise Data Centre (DC)	76	Functional requirement: It is proposed to setup on premise DC for the video-based applications like ITMS and city surveillance. The servers and storage set up are made with redundancy and high availability. The solution shall have the capability to scale up to 50% for 5 years. Detailed elaboration is mentioned in Applications Architecture under sec. 5.3: Finalization of Detailed Technical Architecture.	Are there any specific integration requirements with existing systems or infrastructure that need to be considered? Are there any compatibility constraints or dependencies with other IT systems in the organization? Kind request you to provide clarification on above Queries to have better clarity on solution design .		Please refer relevant clauses of RFP (Vol-II)
848	vol II	6.2 On Premise Data Centre (DC)	76	Functional requirement: It is proposed to setup on premise DC for the video-based applications like ITMS and city surveillance. The servers and storage set up are made with redundancy and high availability. The solution shall have the capability to scale up to 50% for 5 years. Detailed elaboration is mentioned in Applications Architecture under sec. 5.3: Finalization of Detailed Technical Architecture.	Are there any specific security or compliance requirements that need to be addressed in the solution? Are there any data protection or privacy considerations that should be taken into account? What are the expected service level agreements (SLAs) for the video-based applications? Are there any performance targets, response times, or resolution times that the solution should meet? Kind request you to provide clarification on above Queries to have better clarity on solution design .		Please refer relevant clauses of RFP (Vol-II)
849	Vol II	6.3 Cloud Services to deploy all smart solutions	126		Request for Changes in specification		Query not clear
850	Volume 2- Scope functional and technical specification	6.5 Enterprise Management System (EMS)	42	Additional clause for Enterprise Management Software (EMS) Software	In order to avoid tempering with SLA calculation, we recommend authority to select solution with in-built database for ensuring better control and flexibility along with lower TCO, we request the authority to incorporate the below clause: "The monitoring module of proposed solution must not use any third party database (including RDBMS and open source) to store data in order to provide full flexibility and control on collected data as well as avoiding tempering with SLA calculations."		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
851	Volume 2- Scope functional and technical specification	6.5 Enterprise Management System (EMS)	42	Additional clause for Enterprise Management Software (EMS) Software	In order to select established EMS OEM with strong financial background in the industry, we request the authority to incorporate the below clause: "EMS OEM must have average annual turnover of atleast INR 20 Cr. or above in last 3 financial years Excluding the current financial year with positive net worth and presence of min. 10 years in the market having the experience of deployment . CA certificate need to be submitted at time of bid submission."		No change
852	Volume 2- Scope functional and technical specification	6.5 Enterprise Management System (EMS)	42	Additional clause for Enterprise Management Software (EMS) Software	In order to provide complete visibility of IT infrastructure including servers with micro level monitoring (on need basis) through which granular level details can be captured along with flexibility of monitoring through agent and agentless approach. Hence, we request the authority to add the following clause in the EMS specification: "The proposed EMS solution must provide agentless as well as agent based monitoring for server infrastructure. The agents should be able to set polling interval as low as 1 second with low overhead on target server infrastructure."		No change
853	PSCDL RFP Vol II Geographical Information System	6.8	217	It is envisioned that location-based GIS applications are critical for PSCDL and plays major role in disseminating information & data to stakeholders, visitors / tourists. Keeping view of this it is proposed to deploy integrated GIS Engine in ICCC Platform which can be further integrated with the MAPs like Google, Open Street Etc.	As per Smart city project requirements, a GIS based application for Mapping, Visualization, Geotagging of all smart assets (Camera, Sensors etc.) and GIS based DSS is required. So, we request you add deliverables like GIS based Application development for DSS and Integrated Survey solution for geotagging and collection of all smart application elements like Camera, Sensors etc. As per above requirements of Smart city, supply of GIS based Platform is required to cater the above mentioned needs. The platform should have both GIS and Image processing components to fulfil the smart city objectives. In India , 90% implemented smart cities project are running in COTS GIS platform. Additionally, the web application which is built over COTS GIS platform should be secure and should adhere to all security standards as prescribed by Govt of India. So taking above things into consideration, the departments should consider COTS based GIS and Image processing capabilities platform which can fulfil the prescribed requirements. COTS software's are being developed to cater all the needs with numerous functions out of the box and they also provide scalable and secure architecture which will ensure data security and constant performance. COTS product comes with a warranty and also upgradation which is done by the development team. Further, Central Govt is pushing" Make in India" Policy. So, a COTS based fully indigenous GIS platform will be able to cater the overall needs of this Project objectives and should be in compliance with central Govt Policy . So, we kindly request you to remove the necessity of usage of open source		No change
854	Vol II	7	77	Router should support OSPFv2, OSPFv3, ISIS, BGPv4, MP-BGP, BGP confederations and route reflector and RSVP-TE Fast Reroute (FRR).	Request you delete.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
855	Vol II	7	90	Switch should have minimum POE power budget of 540 watts	Request for deletion.		No change
856	Vol II	7	77	Router should support OSPFv2, OSPFv3, ISIS, BGPv4, MP-BGP, BGP confederations and route reflector and RSVP-TE Fast Reroute (FRR).	Request to amend as " Router should support OSPFv2, OSPFv3, ISIS, BGPv4, MP-BGP, BGP confederations and route reflector Fast Reroute (FRR)."		No change
857	Vol II	7 Approach and methodology to be adopted for implementation: Security	225	Field equipment installed through this Project would become an important public asset. During the contract period of the Project the SI shall be required to repair / replace any equipment if stolen / damaged/faulty. Appropriate insurance cover must be provided to all the equipment supplied under this project.	kindly ammend this clause to insurance part will be dept scope(pscdl)as this is government project		No change
858	Vol II	10	77	The Router scaling should be minimum: a. 1M IPv4 FIB routes and 64K IPv6 FIB routes. b. 32 VRF/L3VPN and 200 L2VPN. c. HQoS and minimum 2K Queues. d. 1K number of MPLS Labels (Provider Router). e. 6PE /6VPE, MPLS label-Switching router (LSR & LER) functionality. f. 4K VLANs.	Request you delete.		No change
859	Vol II	10	94	Verifies endpoint posture assessment for PCs connecting to the network. . Should be a persistent client-based agent to validate that an endpoint is conforming to a company's posture policies. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispysware software packages	Request you to amend as "Verifies endpoint posture assessment for PCs connecting to the network. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispysware software packages"		No change
860	Vol II	11	77	Shall support following class of service features: a) Classification, policing, marking, shaping, filtering b) Manage congestion using a weighted random early detection (WRED) algorithm c) Ingress policing d) egress shaping e) strict queuing , WFQ f) Router should be able to classify based on 802.1 ad, 802.1 p, EXP and DSCP bits	Request you delete.		No change
861	Vol II	11	83	Storage should use the latest stable technology platform, with support available for next 7 years.	Request to delete.		No change
862	Vol II	12	77	Shall support the OAM feature a) 802.3ah/802.1ag/TWAMP b) LLDP	Request you delete.		No change
863	Vol II	12	83	Storage should be provided with the required optics, cables and rack mounting kit.	Request to delete.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
864	Vol II	13	82	Server should have remote management ILO/ILOM/IDRAC/IPMI/RSA or equivalent with support capabilities include KVM over IP, power on, off & reset, virtual media, SNMPv2 or higher with appropriate perpetual licenses.	Request to delete.		No change
865	Vol II	13	77	IPv6 Features a) IPv6 Ping b) IPv6 trace route c) OSPF v3 d) IS-IS	Request you delete.		No change
866	Vol II	14	78	Multicast Feature: It shall support following: a) It shall support IGMP snooping v2/v3 b) The router shall support PIM Sparse Mode, RFC 4601 d) RFC 3569, Source Specific Multicast (SSM)	Request you delete.		No change
867	Vol II	14	82	Server should provide with required power cables and rack mounting kit.	Request to delete.		No change
868	Vol II	15	128	CSP should support both BYOL (Bring your own license) BYOL is eligible to run everywhere, and with a Pay as you go option. The OS offered should come with continuous updates and upgrades anytime.	Request for Deletion		Please refer corrigendum
869	Vol II	15	82	Server Average CPU load during peak time should be below 75% and RAM should be below 80%.	Request to delete.		No change
870	Vol II	15	82	Server Average CPU load during peak time should be below 75% and RAM should be below 80%.	Request you to amend as "Server Average CPU load during peak time should be below 80% and RAM should be below 90%."	Since proposed system is with highend specification, the said clause will prevent optimal usage of available compute resources.	No change
871	Vol II	15 Annexure III: Project Milestones and Payment Schedules for Implementation	274		Request for release of 10% of the project cost upon submission of 10% Performance Bank guarantee as mobilization Advance.	This will help SI to optimize the cash flow requirement and meet the project completion within the stipulated timelines.	No change
872	vol II	15 Annexure III: Project Milestones and Payment Schedules for Implementation	274	15 Annexure III: Project Milestones and Payment Schedules for Implementation Project Implementation and Timelines Payments will be paid to SI on awarding the contract on back-to-back basis on receipt of payments against the invoices submitted by SI. The implementation timelines for the project components are as given below. T = Date of signing of Contract Agreement G= Go-Live Dat	kindly ammend this clause to supply of material 95 % payment. and advance payment 50 % for O and M phase .		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
873	Vol II	15 Annexure III: Project Milestones and Payment Schedules for Implementation	274	15 Annexure III: Project Milestones and Payment Schedules for Implementation Project Implementation and Timelines Payments will be paid to SI on awarding the contract on back-to-back basis on receipt of payments against the invoices submitted by SI. The implementation timelines for the project components are as given below. T = Date of signing of Contract Agreement G= Go-Live Dat	Request for release of 10% of the project cost upon submission of 10% Performance Bank guarantee as mobilization Advance.		No change
874	Vol II	15	78	Routers should support Timing and Synchronization such as Synchronous Ethernet or Precision Time Protocol (PTP)	Request you delete.		No change
875	Vol II	15	128	CSP should support both BYOL (Bring your own license) BYOL is eligible to run everywhere, and with a Pay as you go option. The OS offered should come with continuous updates and upgrades anytime.	Request for Deletion		Please refer corrigendum
876	vol II	15 Annexure III: Project Milestones and Payment Schedules for Implementation	274	15 Annexure III: Project Milestones and Payment Schedules for Implementation Project Implementation and Timelines Payments will be paid to SI on awarding the contract on back-to-back basis on receipt of payments against the invoices submitted by SI. The implementation timelines for the project components are as given below. T = Date of signing of Contract Agreement G= Go-Live Dat	kindly ammend this clause to supply of material 95 % payment. and advance payment 50 % for O and M phase .		No change
877	Vol II	15	78	Routers should support Timing and Synchronization such as Synchronous Ethernet or Precision Time Protocol (PTP)	Request you delete.		No change
878	Vol II	15	82	Server Average CPU load during peak time should be below 75% and RAM should be below 80%.	Request to delete.		No change
879	Volume II	15 Annexure III: Project Milestones and Payment Schedules for Implementation	274	Project Milestones for Implementation	Since it is a System Integration project, amalgamation of all the components and integration is quite a complex activity which requires 10 months of implementation duration. Therefore, request you to please modify the implementation timeline		No change
880	Vol II	17.12 Security Controls for Cloud Services(23)	287	For SLAs to be used to steer the behavior of a cloud services provider, imposition of financial penalties is to be incorporated.	kindly ammend this clause to no penalty		No change
881	Vol II	17.5 Physical & Environmental Security	281	insurance	Damage / losses due to theft/vandalism/ natural calamities to be borne by PSCDL.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
882	Vol II	18	78	The router should support filtering based on different parameters like: src ip, dst ip, src port, dst port, protocol etc	Request you delete.		No change
883	Vol II	18	107	Voice gateway to be provided with 1 PRI card scalable to 3 PRI in future for PSTN (PRI) line termination.	Request For Deletion		No change
884	Vol II	19	78	The Router Should support DHCP server and client functionality, it Should support DHCPv6 server/relay as well.	Request you delete.		No change
885	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		Please refer corrigendum
886	Vol II	20	78	The Router Should support DHCP based option 82.	Request you delete.		No change
887	Vol II	21	78	It shall support role-based privileges for the system access and radius authentication.	Request you delete.		No change
888	Vol II	22	78	22 The router should have a Console or Out-of-band Management.	Request you delete.		No change
889	Vol II	23	78	Router should support Control-plane and management plane protection	Request you delete.		No change
890	Vol II	24	78	The Router Should support network management based on SNMP v2c/v3, Syslog, RADIUS/TACACS+, Access via CLI.	Request you delete.		No change
891	Vol II	25	78	The Router shall be able to operate at Operating Temperature: 0°C to 40°C and Operating Humidity: 20 - 80% RH non-condensing.	Request you delete.		No change
892	Vol II	26	78	The Router shall support dual redundant AC power supply and AC Power voltage shall be 110 - 240V. Should have dual power supply with hot swappable.	Request you delete.		No change
893	Vol II	29	78	All necessary SFPs, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the Router from day one. Warranty –Hardware/ Software License should be for 5 year	Request you delete.		No change
894	Vol II	29	88	Should support console port and telnet/SSH based management.	Request for deletion		No change
895	Vol II	30	88	should support management features viz. CLI, Web-based GUI, SNMP, Syslog, NTP, RFC 2138 RADIUS	Request for deletion		No change
896	vol II	14.1.1.13 Physical Infrastructure Management and Maintenance Services(iii)	267	Component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame indicated in the Service Level Agreement (SLA). In case the selected SI fails to meet the above standards of maintenance, there will be a penalty as specified in the SLA	kindly ammend this clause to on penalty will be imposed as the si will be replacing the equipment with own cost of equipment cost and shipping cost to location .		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
897	vol II	14.1.1.7 Provision of the Operational Manpower & Contact Center(i)	265	All such manpower shall be minimum graduate pass	kinly ammend this clausue to minimum qualification 10 class pass with basic knowledge encourage number of participants.		No change
898	vol II	14.1.7 Final Acceptance Testing(V)	273	The SI shall be responsible for the security audit of the established system to be carried out by a certified third party as agreed by RAILTEL / DRDM/ PSCDL. Any delay by the SI in the Final Acceptance Testing shall render him liable to the imposition of appropriate Penalties. However, delays identified beyond the control of SI shall be considered appropriately and as per mutual agreement between RAILTEL / DRDM/ PSCDL and SI. In the event the SI is not able to complete the installation due to non-availability of bandwidth from the bandwidth service providers, the Supplier and RAILTEL / DRDM/ PSCDL may mutually agree to redefine the Network so the SI can complete installation and conduct the Final Acceptance Test within the specified time	kidnly ammend this clausue to no penalty as this equipment or solution already went through auditing process .		No change
899	Volume ii	6.1.1	50	The ICCO OEM should be in existence in India since last 5 years. The OEM should have at least the following certificates: ISO 9001, 27001, and CMM I Level 3.	Request to remove "CMM I Level 3" certifications for ICCO OEM. The overall SI is however CMMI as asked in the RFP. This should not be applicable to ICCO OEM as our is COTS based application		Please refer corrigendum
900	Volume ii	6.1.1	68	The platform must be a low-code platform and should have no-code capabilities	Request to please add this in the ICCO specification		No change
901	Volume ii	6.1.1	68	The platform must have self-service capability to perform changes to the visualization	Request to please add this in the ICCO specification		No change
902	Volume ii	6.1.1	68	Platform must have an intuitive data flow-based drag and drop studio, where the data can be pulled from different connectors and the transformed using pre-build functions or using custom functions	Request to please add this in the ICCO specification		No change
903	Volume ii	6.1.1	68	Platform must allow creation of new datasets by applying more functions on existing datasets.	Request to please add this in the ICCO specification		No change
904	Volume ii	6.1.1	68	Platform must have the ability to transform the data using custom functions where scripting language are used directly	Request to please add this in the ICCO specification		No change
905	Volume ii	6.1.1	68	Platform must also have an ability to use the 3 rd party scripting libraries to easily transform the data	Request to please add this in the ICCO specification		No change
906	Volume ii	6.1.1	68	Platform must have capability to create grid-based widget system to create different visualization elements and compose it over dashboards	Request to please add this in the ICCO specification		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
907	Volume ii	6.1.1	68	Platform must be capable of providing different widgets like charts, datagrids, KPI, map, videowall, timeline and word cloud	Request to please add this in the ICCC specification		No change
908	Volume ii	6.1.1	68	Platform must allow multiple configuration options for each widget including but not limited to the Title, colors, style, widget specific configuration options like different types of charts for chart widget, different map settings for map widget etc.	Request to please add this in the ICCC specification		No change
909	Volume ii	6.1.1	68	Platform must be able to create SOPs and SOP templates through intuitive drag and drop based editor	Request to please add this in the ICCC specification		No change
910	Volume ii	6.1.1	68	Platform must provide capability to drag and drop different tasks to create SOPs and SOP templates	Request to please add this in the ICCC specification		No change
911	Volume ii	6.1.1	68	Platform must provide the ability to use the outbound adapters as outbound tasks that can be to trigger actions or send data or invoke the 3 rd party devices or 3 rd party application	Request to please add this in the ICCC specification		No change
912	Volume ii	6.1.1	68	The platform must have self-service capability to perform changes to the visualization	Request to please add this in the ICCC specification		No change
913	Volume ii	6.1.1	68	Platform must have the ability to connect to source systems using protocols like MQTT, FTP and TCP/IP Socket, Webservices that confirms to REST style architecture, RBDMS database that include Oracle, MySQL and Postgres, and flat file that of CSV, TSV and JSON formats	Request to please add this in the ICCC specification		No change
914	Volume ii	6.1.1	68	Platform must be able to provide 2FA (Two factor authentication) capability, so that there is additional level of security that is added to the platform and stop the compromised users from logging into the platform.	Request to please add this in the ICCC specification		No change
915	Volume ii	6.1.1	68	Platform must provide multi factor authentication support with the user able to decide what would be the additional factor of authentication	Request to please add this in the ICCC specification		No change
916	Volume ii	6.1.1	68	Platform must be able to set different multi factor authentication support that includes email, SMS and TOTP authentication	Request to please add this in the ICCC specification		No change
917	Volume ii	6.1.1	68	Platform users must be able to set primary second factor authentication mechanism when logging into the platform	Request to please add this in the ICCC specification		No change
918	Volume ii	6.1.1	68	Platform users must be able to switch between different second factor authentication mechanism while login and not just use the primary second factor	Request to please add this in the ICCC specification		No change
919	Volume 2	6.10.2 City Surveillance fixed Camera Specifications. S. No.13	388	Wide Dynamic Range: 150 dB or better	150 dB WDR is OEM specific so request you amend it 120dB or 140dB as per industry standards.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
920	Volume 2	6.10.2 City Surveillance fixed Camera Specifications. S. No.28	389	Enclosure:IP67, IK10 & Nema4x or better	Technical specifications of PTZ camera requires only "IP67,IK10", since this camera is also under city surveillance request you to amend enclosure certification to "IP67, IK10" and delete "Nema4x"		Please refer corrigendum
921	Volume 2	6.10.2 City Surveillance fixed Camera Specification (Sr.No 32)	390	NDA	<p>it is in regarding to the NDA certifications associated with the camera hardware specifications mentioned in RFP document.</p> <p>We would like to bring to your attention that the camera hardware in question is intended for use in an Indian government project. As you may be aware, the NDA certifications are primarily applicable to products used in the United States, and their requirements do not apply to the Indian market. Therefore, we kindly request your assistance in removing the NDA certifications from the camera hardware specifications.</p> <p>The exclusion of these certifications will ensure that the camera hardware complies with the relevant regulations & Certifications and standards applicable to the Indian government project. It is imperative for us to maintain the appropriate documentation and specifications that align with Indian regulations and policies.</p> <p>We understand the significance of adhering to international regulations and the importance of security considerations. we assure you that our request is solely aimed at aligning the camera hardware specifications with the applicable Indian regulations, without compromising any essential security measures.</p>		Please refer corrigendum
922	Volume II	6.10.2 City Surveillance fixed Camera Specifications	244	6.10.2 City Surveillance fixed Camera Specifications 8. Frame rate & Bit rate: Upto 60 fps with Controllable bit rate, frame rate and Maximum Bit rate	For Surveillance purpose 25/30 fps camera is more than sufficient. Request you to ammend the same to "Upto 60 fps with Controllable bit rate, frame rate and Maximum Bit rate"		No change
923	Volume II	6.10.2 City Surveillance fixed Camera Specifications	244	6.10.2 City Surveillance fixed Camera Specifications 9.Video Streams: Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & upto 60 Fps	Majority OEM's in market have Triple streams with Main stream in higher configuration and rest in lower configuration. Hardly any OEM in market has this feature of 4 streams indivdually configurable in higher configuration . Request you to ammed as "Minimum 3 Nos, individually configurable at different resolution upto 25/30fps "		Please refer corrigendum
924	Volume II	6.10.2 City Surveillance fixed Camera Specifications	245	6.10.2 City Surveillance fixed Camera Specifications 34. Embedded applications:The camera shall provide a platform allowing the upload of third-party applications into the camera	Request you to share what kind of third party applications are required for uploading.. Generally interface is available for integration with 3rd party analytics through API. Request you to remove embedded application point.		Please refer corrigendum
925	Volume II	6.10.2 City Surveillance fixed Camera Specifications	244	SR.No.(13)Wide Dynamic Range- 150 dB or better	Request you to consider amending Wide Dynamic Range -120 dB or Better , WDR-150dB are specific to OEM and restricting to participate other OEMs.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
926	Volume II	6.10.2 City Surveillance fixed Camera Specifications	245	SR.No.(23)Protocols-PIM-SM,LLDP,SRTP	Request you to consider removing PIM-SM ,LLDP & SRTP protocol ,it is specific to OEM.		No change
927	Volume 2	6.10.3 City Surveillance PTZ Camera Specifications. S.No. 10	390	Pan Speed: Preset: 400°/sec	Pan speed in Preset mode is OEM specific, request you to amend it to industry standard of 300 degree per sec		Please refer corrigendum
928	Volume 2	6.10.3 City Surveillance PTZ Camera Specifications. S.No. 16	390	Backlight Compensation:BLC, HLC, WDR, SS+C42DR	Need clarification for "SS+C42DR". Incase it's typo then request you to delete same		Please refer corrigendum
929	Volume 2	6.10.3 City Surveillance PTZ Camera Specifications. S.No. 18	390	Digital Image Stabilization: Support (built-in gyro sensor)	Pls amend and include EIS:electronic Image Stabilisation as use of gyro for image stabilisation is OEM specific, so bid can be more open and competitive. Also EIS results are similar to DIS.		Please refer corrigendum
930	Volume 2	6.10.3 City Surveillance PTZ Camera Specifications. S.No. 43	392	Ingress Protection Shock and Vibration Resistance: IP66, IK10	Practically IK10 is not required for PTZ due to their installation height it is less prone to vandalism. Instead request you to include "wiper" that can have operational benefits.		No change
931	Volume 2	6.10.3 City Surveillance PTZ Camera Specifications. S.No. 46	392	NDAA	<p>it is in regarding to the NDAA certifications associated with the camera hardware specifications mentioned in RFP document.</p> <p>We would like to bring to your attention that the camera hardware in question is intended for use in an Indian government project. As you may be aware, the NDAA certifications are primarily applicable to products used in the United States, and their requirements do not apply to the Indian market. Therefore, we kindly request your assistance in removing the NDAA certifications from the camera hardware specifications.</p> <p>The exclusion of these certifications will ensure that the camera hardware complies with the relevant regulations & Certifications and standards applicable to the Indian government project. It is imperative for us to maintain the appropriate documentation and specifications that align with Indian regulations and policies.</p> <p>We understand the significance of adhering to international regulations and the importance of security considerations. we assure you that our request is solely aimed at aligning the camera hardware specifications with the applicable Indian regulations, without compromising any essential security measures.</p>		Please refer corrigendum
932	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	246	6.10.3 City Surveillance PTZ Camera Specifications 5. Focal Length (Zoom Ratio): 4.45~222.4mm or better 30x Optical Zoom, 10X digital zoom or better	Focal Length (Zoom Ratio): 4.45~222.4mm corresponds to 50X. Request you to remove the focal length and keep only "30x Optical Zoom, 10X digital zoom or better"		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
933	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	247	6.10.3 City Surveillance PTZ Camera Specifications 24. Analytics: Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification. Can be achieved via VMS and VA	Analytics such as Audio detection, Sound classification, face detection etc., requires close environment and will not work on application of open environment as specified. We request you to remove the above analytics from this features.		Please refer relevant clauses of RFP
934	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	247	6.10.3 City Surveillance PTZ Camera Specifications 31. IR viewable length: 500 Mtr or above	Majority OEMS have IR with 200 mtr range. Request you to ammed the same as "200 mtr or above"		No change
935	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	246	SR.No.(5)Focal Length (Zoom Ratio- 4.45~222.4mm or better 30x Optical Zoom, 10X digital zoom or better	Request you to consider amending Focal Length (ZOOM Ration) - 4.45~130 mm or better corresponding to 30X Optical Zoom, so that other OEMs cane Participate . The Focal length is specific to OEM.		No change
936	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	246	SR.No.(16)Backlight Compensation+C42DR	Request you to Consider removing SS+C42DR ,It is Specific to OEM.		Please refer corrigendum
937	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	246	SR.No.(25)Serial Interface-RS-485	Request you to Consider removing RS 485,It is Specific to OEM.		Please refer corrigendum
938	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	247	SR.No.(31)IR Viewable Length- 500m or better	Request you to consider amending IR Viewable Length 250 MTR or better so that other OEMs can participate .		Please refer corrigendum
939	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	248	SR.No.(37)Streaming-Unicast (20) users	Request you to consider amending unicast (10) users or more. This is Specific to OEM, and it is restricting to participate to other OEMS.		Please refer corrigendum
940	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	248	SR.NO.(38) Protocol-PIM-SM	Request you to consider removing PIM-SM ,LLDP & SRTP protocol ,it is specific to OEM.		Please refer corrigendum
941	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	248	SR.No.(41)Edge Storage:Micro SD/SDHC/SDXC 2 no. slot of 512GB capacity each or better with minimum 512GB memory card.	Request you to consider to amend Edge Storage Micro SD/SDHC/SDXC 1 no. slot of 512GB. 2 Slot Micro SD/SDHC/SDXC is specific to OEM .		Please refer corrigendum
942	Volume II	6.10.3 City Surveillance PTZ Camera Specifications	248	SR.No.(46) Certification-UL-CAP,	Request you to remove UL -CAP. It is specific to OEMs .		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
943	Vol I & vol 2	6.17.1 Integrated Command & Control Centre (ICCC)sl no 3, & 6.2.19 Three Monitoring Workstations:	83	SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus Number 30	Kindly clarify the number of the monitors to supplied	As per the specification number of moniters mentioed 3 ,where as in BOM the same mentioned as 2 moniters .	Please refer corrigendum
944	vol II	6.17.1 Integrated Command & Control Centre (ICCC(19)	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories Lot	kindly ammend this clause to SITC DG set and fuel charges will be borne by the dept(pscdl)as the user is the dept.		No change
945	vol II	6.17.1 Integrated Command & Control Centre (ICCC	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	plese specfy the location provision for DG set installtion ,as to get the clarity on power cable qty laying from transformer near by ICCC vice versa		No change
946	Vol II	6.2.1. 42U Rack with All Accessories:	76	Network Rack Dimension :(800x1000) Rack. Server Rack Dimension :(600x1000) Rack.	Request you to amend as •ISO Certified. •Dimension :(800x1000) Rack. •Height: Full 42U. •Front Glass door & Rear perforated doors. •FHU WITH 4 FANS, CASTOR (Lockable). •Vertical Power stripe (5/15 Amp Sockets		No change
947	Vol II	6.2.10.	89	6.2.10. Access Switch-24 Port –POE	Access Switch-24 Port		No change
948	Vol II	6.2.10	89	Replaced with Access Switch-24 Port –POE	Request you to Add 48 Port Switch		No change
949	Vol II	6.2.10.	89	6.2.10. Access Switch-24 Port –POE	Request you to modify as " Access Switch-24 Port "	As per RFP solution requirement, PoE feature will be unused which has considerable cost increase for the said Access Switch.	No change
950	Volume II	6.2.10. Access Switch-24 Port –POE	89	6.2.10. Access Switch-24 Port –POE 36. Switch should comply to Operating Temperature range 0°C to 50 °C	Access Switch will be placed in fields in junction box. Access switch should be of industrial grade with Operating Temperature of 0 to 60 degree C or better. Kindly confirm.		No change
951	Vol II	6.2.11 Wireless LAN Controller:	91	6.2.11 Wireless LAN Controller:	Request for Changes in specification		No change
952	Vol II	6.2.12. Indoor Access Points: Point 12	93	Access Point Should have a Transmit power of 18dbm	Request you to amend as •Access Point Should have a Transmit power of 20dbm		No change
953	Vol II	6.2.13 AAA Server:	94	Solution should include all required licenses to perform above mentioned capabilities for 300 endpoints from day one and scalable to 1000 over a period of time.	Request you to amend as "Solution should include all required licenses to perform above mentioned capabilities for 100 endpoints from day one and scalable to 400 over a period of time."		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
954	Vol II	6.2.14 Centralized- Anti Virus Solution For ICCC	95	6.2.14 Centralized-Anti Virus Solution For ICCC	Request for Changes in specification		Please refer corrigendum
955	Volume II	6.2.15	96	Technology : LED Lit DLP Rear Projection Technology without any colour wheel or Laser or better	Request you to kindly clarify is it laser technology or LED technology as a light source DLP videowall		No change
956	Volume II	6.2.15	97	Light Source : LED light source with a minimum life time of not impact image display on the screen or Laser or better 1,00,000 hrs. in Normal Mode & Eco Mode; Individual cube should be equipped with multiple LED banks and each LED bank should have an array of diodes. Single or multiple diode failure should not impact image display on the screen or laser or better	Request you to kindly clarify is it laser technology or LED technology as a light source DLP videowall .		No change
957	Volume II	6.2.15	97	Brightness on Screen : Minimum 500 (nits or cd/m2) and should be adjustable for lower or even higher brightness requirements. This should be supported by datasheet	Request you to change as below:Minimum 350 or more (nits or cd/m2) and should be adjustable for lower or even higher brightness requirements. This should be supported by datasheet . With reference to control room ergonomics the brightness of a cube should be less.Higher brightness will impact the eyes of the operator in the control room.		No change
958	Volume II	6.2.15	98	Terminal in each Cube : 2x Input (DP1.2) 2x Input (HDMI2.0) 2x LAN 2x USB 1x Output (DP1.2)	Request you to kindly change below because the specs are propriety to one vendor : 2x Input (HDMI2.0) 1x LAN 1x USB 1x Output (DP1.2) / HDMI		No change
959	Volume II	6.2.15	98	Cube control & Monitoring : System should be AI (Artificial Intelligence) with Advance Pro-active real- time Monitoring and Diagnosis of hardware over cloud for predictive failure to have maximum uptime	Request you to kindly change as below because the specs are propriety to one vendor : Advance Pro-active real-time Monitoring and Diagnosis of hardware should be provided.		No change
960	Volume II	6.2.15.1	100	Input : H.264, MPEG2/4, MxPEG, MJPEG, V2D, H.263 or better	Request you to kindly change as below as it is propriety to one vendor: H.264, MPEG2/4, MxPEG, MJPEG, H.263 or better		No change
961	Volume II	6.2.15.1	100	Software : The software should be able display multipl sources anywhere on video wall in any siz Key features of Video Wall manageme Software •Central configuration database •Browser based user interface •Auto-detection of network sources •Online configuration of sources, displays and system variables	Request you to kindly change as below because it is propriety to one vendor : The software should be able display multipl sources anywhere on video wall in any siz Key features of Video Wall manageme Software •Central configuration database •Browser based user interface / Client service interface •Auto-detection of network sources •Online configuration of sources, displays and system variables		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
962	Volume II	6.2.15.1	101	Software : Video Wall Control Software shall allow commands on wall level or cube level or a selection of cubes: <ul style="list-style-type: none"> Switching the entire display wall on or off. Setting all projection modules to a common brightness target, which can be either static (fixed) or dynamic to always achieve maximum (or minimum) common brightness between projection modules. Fine-tune colour of each cube 	Request you to kindly change as below because it is proprietry to one vendor : off. <ul style="list-style-type: none"> Setting all projection modules to a common brightness target, either static (fixed) or dynamic to always achieve maximum (or minimum) common brightness between projection modules. Fine-tune colour of each cube 		No change
963	Volume II	6.2.15.1	102	Software : System should have a quick monitor area to access critical functions of the video wall User should be able to add or delete critical functions from quick monitor area Full featured Web services-based API supports Legacy RS-232 and TCP/IP. All software communication should be encrypted, Secure user Management with AD and LDAP Support Zero Maintenance, automatically saves the user's work	Request you to kindly change as below because it is proprietry one vendor: System should have a quick monitor area to access critical functions of the video wall User should be able to add or delete critical functions from quick monitor area		No change
964	Volume II	6.2.15.1	102	Software : Integrated Embedded & External Audio formats with Audio decoding of video streams also possible Software also supports UMD, IDC, Source name, Time (time zone aware), Date, text, Logo, Message Ticker, Source Status	Request you to kindly delete it because the following specs are proprietry to one vendor.		No change
965	Volume II	6.2.15.1	102	Software : It should be possible to create two separate Tickers which run concurrently. These can be positioned at top or bottom and can run independently. The Ticker can be picked from data source through screen scrapping or through typing specific incidence, manually	Request you to kindly change as below because it is proprietry to one vendore : It should be possible to create two separate Tickers which run concurrently. These can be positioned at top or bottom and can run independently. The Ticker can be picked from typing specific incidence, manually		No change
966	Volume II	6.2.15.1	103	Software : Central setup & Connection management, Central configuration database, Fully distributed & modular component technology, Browser based UI, Autodetection of network sources	Request you to kindly change as below because it is proprietry to one vendor : Central setup & Connection management, Central configuration database, Fully distributed & modular component technology, client application , Autodetection of network sources		No change
967	Volume II	6.2.15.1	103	Software : Online configuration of sources, backup & restore, Scheduled backup, Fully features web services based API covering all legacy and encrypted communications	Request you to kindly change as below because it is proprietry to one vendore :v Online configuration of sources, backup & restore, Scheduled backup.		No change
968	Volume II	6.2.15.1	103	Software : Save and load layouts (complete display presents including perspectives and applications), start stop and position applications & sources freely over the complete desktop, remote keyboard and mouse control from and towards other networked desktops (bi-directional)	Request you to kindly delete it because the following specs are proprietry to one vendor.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
969	Volume II	6.2.15.1	104	Software : Supported sources: Analog & digital / streaming video, Analog (RGB) and Digital (DVI-I) Sources, Network desktops, Network multi-channel workstations and applications, Internet & internet sources, Embedded & external audio formats, Localization	Request you to kindly change as below because it is proprietry to one vendor : internet sources, Localization		No change
970	Volume II	6.2.15		Product Dimension not mentioned	Request you kindly mention the dimension of each cube : Length should be 1550mm Height should be 872mm Depth should be 750mm.These are general specs which vendors can provide.		No change
971	Vol II	6.2.15 Video wall and Video wall Controller : Point 13	97	Brightness of Projection engine Typ.: 1100 lumens or Better	Request for Deletion		No change
972	Volume II	6.2.16	98	Power Supply : 100 – 240 VAC, 50-60Hz; Power supply: Remote Rack Mountable Redundant Hot swappable power supply to be provided in N+1 Redundancy for 24x7 Fail safe operations.	Request you to kindly change as below because the specs are proprietry to one vendor .Request you to change as : 100 – 240 VAC, 50-60Hz; Power supply: Inbuilt Redundant Hot swappable power supply to be provided in N+1 Redundancy for 24x7 Fail safe operations		Please refer corrigendum
973	Vol II	6.2.18 Contact center Specifications SI.No.14		1) IVR should play welcome messages to callers Prompts to press and collect DTMF digits	How many IVR ports needs to be provisioned for DTMF, how many IVR Trees needs to be implemented using DTMF. Plz share the complete call flow which needs to be implemented in the IVR		Please refer relevant clauses of RFP (Vol-II)
974	Vol II	6.2.18 Contact center Specifications SI.No.15		2) IVR should be able to integrate with backend database for self-service, as and when required.	How Many database Integrations are envisaged		Please refer relevant clauses of RFP (Vol-II)
975	Vol II	6.2.18 Contact center Specifications SI.No.5		2) Should support skill based routing and it should be possible to put all the agents in to a single skill group and different skill groups	Considering the criticality of the project & from Contact center Busyhour call classification point of view , request you to consider the scalability and the BHCC as described Should support skill based routing and it should be possible to put all the agents in to a single skill group and different skill groups . The ACD should support routing of Multimedia Agents with a unified routing queue. The ACD should be scalable to 400 Agents with a BHCC of not less than 15000		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
976	Vol II	6.2.18 Contact center Specifications SI.No.6		3) ACD support routing of incoming calls based upon caller input to menus, real-time queue statistics, time of day, day of week, ANI, dialled number etc .	Considering that the CRM or ticketmenagement application would be provisioned in the solution request you to include CTI Integration with the Contact Center Application as well. 3) ACD to support routing of incoming calls based upon caller input to menus, real-time queue statistics, time of day, day of week, ANI, dialled number, CTI Integration etc .		No change
977	Vol II	6.2.18 Contact center Specifications SI.No.17		4) IVR should support Voice XML for ASR, TTS, and DTMF call flows	How many IVR ports needs to be provisioned for TTS and ASR, how many Langues support is required for ASR and TTS, how many IVR Trees needs to be implemented using Speech. Plz share the complete call flow which needs to be implemented in the IVR		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
978	Vol II	6.2.18 Contact center Specifications SI.No.12		9) In future if required, the ACD should support active and standby server mode, where the server can be put in SDC and DR. In case of Main server in the Data center fail the standby server in DR should take over seamlessly. ACD solution should support placing of Main and Stand by server in SDC and DR respectively.	Considering the Solution to be in HA in DC. Request you to consider changing this clause. "The ACD should support HA (Active and Hot Standby) in DC and in future an additional ACD server to be placed in SDC and the same should takeover the ACD operations in case the entire DC goes down or the HA pair of ACD goes down.		No change
979	vol II	6.2.18 IP Phones ,SL NO -1	105	2 line or more, Monochrome display for viewing features like messages, directory	Request you amend as 2 line or more 3.2" or Higher Color Display.	For Better resolution and visibility.	No change
980	vol II	6.2.18 IP Phones, SL NO -2	105	10/100 mbps for a direct connection to a 10/100BASE-T Ethernet network through an RJ-45 interface	Request you to amend as "Integral switch 10/100 mbps for a direct connection to a 10/100BASE-T Ethernet network through an RJ-45 interface "	For better Interoperability.	No change
981	vol II	6.2.18, IP Phones ,SL NO -5	105	VoIP Protocol - SIP V2	Request you to amend as " SIP/ SIP V2 and H.323."	This will help optimizing the solution as per architecture.	No change
982	vol II	6.2.18, IP Phones ,SL NO -7	106	Supported Protocols - SNMP, DHCP, DNS	Request to amend as " Supported Protocols - SNMP, DHCP, DNS, WI-Fi connectivity / Bluetooth®	This will help optimizing the solution as per architecture.	No change
983	vol II	6.2.18.1 IP PABX SL NO -2	106	The single IP PBX system should be scalable to support up to 500 stations (any mix/percentage of Analog/IP) to achieve the future capacity	Request to amend as " the single IP PBX system should be scalable to support up to 2800 stations (any mix/percentage of Analog/IP) to achieve the future capacity.	Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase there is huge traffic surge in the Contact Center.	The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
984	Vol II	6.2.18 Contact center Specifications SI.No.6		3) ACD support routing of incoming calls based upon caller input to menus, real-time queue statistics, time of day, day of week, ANI, dialled number etc .	Considering that the CRM or ticketmenagement application would be provisioned in the solution request you to include CTI Integration with the Contact Center Application as well. 3) ACD to support routing of incoming calls based upon caller input to menus, real-time queue statistics, time of day, day of week, ANI, dialled number, CTI Integration etc .		No change
985	Vol II	6.2.18 Contact center Specifications SI.No.5		2) Should support skill based routing and it should be possible to put all the agents in to a single skill group and different skill groups	Considering the criticality of the project & from Contact center Busyhour call classification point of view , request you to consider the scalability and the BHCC as described Should support skill based routing and it should be possible to put all the agents in to a single skill group and different skill groups . The ACD should support routing of Multimedia Agents with a unified routing queue. The ACD should be scalable to 400 Agents with a BHCC of not less than 15000		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
986	Vol II	6.2.18 Contact center Specifications SI.No.12		9) In future if required, the ACD should support active and standby server mode, where the server can be put in SDC and DR. In case of Main server in the Data center fail the standby server in DR should take over seamlessly. ACD solution should support placing of Main and Stand by server in SDC and DR respectively.	Considering the Solution to be in HA in DC. Request you to consider changing this clause. "The ACD should support HA (Active and Hot Standby) in DC and in future an additional ACD server to be placed in SDC and the same should takeover the ACD operations in case the entire DC goes down or the HA pair of ACD goes down.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
987	Vol II	6.2.18 Contact center Specifications Sl.No.15		2) IVR should be able to integrate with backend database for self-service, as and when required.	How Many database Integrations are envisaged		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
988	Vol II	6.2.18 Contact center Specifications Sl.No.14		1) IVR should play welcome messages to callers Prompts to press and collect DTMF digits	How many IVR ports needs to be provisioned for DTMF, how many IVR Trees needs to be implemented using DTMF. Plz share the complete call flow which needs to be implemented in the IVR		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
989	Vol II	6.2.19 Three Monitoring Workstations: Point 3	109	6 Cores or Higher	Request you to amend as "4Cores or Higher"		No change
990	Vol II	6.2.19 IP Phones 2		For Integral Switch - request you to ad support for 10/100/1000Base T Support	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
991	Vol II	6.2.19 IP Phones 1		In Display Request you to add support for 3.2" or Higher Color Display.	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
992	Vol II	6.2.19 IP Phones 10		In the Volume control sections request you to add support for Buttons - 8 buttons with dual LEDs (red, green), 4 softkeys, 24 administrative buttons	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
993	Vol II	6.2.19.1 IP PABX 7		Request you to add IVR and Call Recording to be supplied by the same OEM	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, call recording and IVR) should be from a single OEM		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
994	Vol II	6.2.19.1 IP PABX 2		Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase there is huge traffic surge in the Contact Center.	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
995	Vol II	6.2.19 IP Phones 7		Supported Protocols - Request you to add support for Supports optional J100 Wireless Module for WI-Fi connectivity and / or Bluetooth® headsets.	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
996	vol II	6.2.19.1 IP PABX SL NO -7	106	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway) should be from a single OEM	Request you to amend as " The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, IVR and call recording) should be from a single OEM"	This facilitate seamless integration of various products/solutions.	The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
997	Vol II	6.2.19 IP Phones 5		VoIP Protocol - Request you to add Support for SIP and H.323 Protocols	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
998	Vol II	6.2.19 IP Phones 7		Supported Protocols - Request you to add support for Supports optional J100 Wireless Module for WI-Fi connectivity and / or Bluetooth® headsets.	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
999	Vol II	6.2.19.1 IP PABX 2		Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase there is huge traffic surge in the Contact Center.	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
1000	Vol II	6.2.19 IP Phones 10		In the Volume control sections request you to add support for Buttons - 8 buttons with dual LEDs (red, green), 4 softkeys, 24 administrative buttons	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1001	Vol II	6.2.19.1 IP PABX 7		Request you to add IVR and Call Recording to be supplied by the same OEM	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, call recording and IVR) should be from a single OEM		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1002	Vol II	6.2.2 Core Router: Point 1	77	The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	As the entire solution is withing 100 G considering the scalability the router should have have minimum 100 Gb throughput.	The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1003	Vol II	6.2.2 Core Router: Point 1	77	The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	Request to delete.		No change
1004	Vol II	6.2.20 Data Center & ICC: Non-IT Components. Point 1	109	Should have ISO 11064, ISO 14001 (environment), OHSAS 18001, HFE and ISO 9241 or similar certifications	Request for Deletion		Please refer corrigendum
1005	Vol II	6.2.21 Intranet router at DC:	109	6.2.21 Intranet router at DC:	Kindly provide clarity		Please refer corrigendum
1006	Vol II	6.2.22 Backbone Router	111	6.2.22 Backbone Router	Kindly provide clarity		Please refer relevant clauses of the RFP (Vol-II). Router is for city fiber network
1007	Volume II	6.2.3	79	5.IPsec VPN throughput should be 50 Gbps or more.	The expected VPN throughput fo 50GBPS will increase the costing factor and it is not recommended because we have limited no of firewal that will be connected through IPSEC in PSCDL smartciy architecture .kindly reduce the same to below 40 GBPS		Please refer corrigendum
1008	Volume II	6.2.3	79	15.Should support Link aggregation technology (IEEE 802.3ad) to achieve higher bandwidth using redundant links.	Please clarify the link aggregation expected here is for WAN or LAN segment		Please refer relevant clauses of RFP (Vol-II)
1009	Volume II	6.2.3	80	23.Support for Client based VPN is mandatory and support for SSL Web VPN is preferable.	It is recommended for only client VPN which connects in encrypted way and web VPN is not recommended as it is unsecure way of accessing the network which lead for vulnerability.kindly remove		No change
1010	Volume II	6.2.3	80	36.Should have configurable policy options. Possible to select traffic to scan for viruses	Kindly remove this as scanning of selected traffic is not recommended.always it is recommended to scan all the traffic and block the vulnerability entering network		No change
1011	Volume II	6.2.3	81	Log & Reporting should be a dedicated solution out of the Firewall	Kindly confirm can we achieve this with other OEM tool		Please refer relevant clauses of RFP (Vol-II)
1012	Volume II	6.2.3	81	The log & reporting tool with OS or any other licenses needs to be bundled or quoted along with the solution. The logging and analysis should either be an Appliance/Server or VM platform with minimum RAID6/RAID10 usable 10TB storage to store logs for 6 months with suitable warranty	Kindly confirm can we achieve this with other OEM tool		Please refer relevant clauses of RFP (Vol-II)
1013	Volume II	6.2.3	79	5.IPsec VPN throughput should be 50 Gbps or more.	The expected VPN throughput fo 50GBPS will increase the costing factor and it is not recommended because we have limited no of firewal that will be connected through IPSEC in PSCDL smartciy architecture .kindly reduce the same to below 40 GBPS		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1014	Volume II	6.2.3	79	15.Should support Link aggregation technology (IEEE 802.3ad) to achieve higher bandwidth using redundant links.	Please clarify the link aggregation expected here is for WAN or LAN segment		Please refer relevant clauses of RFP (Vol-II)
1015	Volume II	6.2.3	80	23.Support for Client based VPN is mandatory and support for SSL Web VPN is preferable.	It is recommended for only client VPN which connects in encrypted way and web VPN is not recommended as it is unsecure way of accessing the network which lead for vulnerability.kindly remove		No change
1016	Volume II	6.2.3	80	36.Should have configurable policy options. Possible to select traffic to scan for viruses	Kindly remove this as scanning of selected traffic is not recommended.always it is recommended to scan all the traffic and block the vulnerability entering network		No change
1017	Volume II	6.2.3	81	Log & Reporting should be a dedicated solution out of the Firewall	Kindly confirm can we achieve this with other OEM tool		Please refer relevant clauses of RFP (Vol-II)
1018	Volume II	6.2.3	83	The log & reporting tool with OS or any other licenses needs to be bundled or quoted along with the solution. The logging and analysis should either be an Appliance/Server or VM platform with minimum RAID6/RAID10 usable 10TB storage to store logs for 6 months with suitable warranty	Kindly confirm can we achieve this with other OEM tool		Please refer relevant clauses of RFP (Vol-II)
1019	Vol II	6.2.3	79	6.2.3. Firewall + IPS	Request you to amend as "Firewall Only"		No change
1020	Vol II	6.2.3	79	6.2.3. Firewall + IPS	Having Firewall and IPS in same device will reduce the risk mitigation capability of the device. Hence we request you to consider firewall as separate point Solutions.		No change
1021	Vol II	6.2.3	79	6.2.3. Firewall + IPS	Request you to amend as "Firewall Only"		No change
1022	Vol II	6.2.4. Server Specification Point 12	82	Server can be Rack mountable/ Blade Server. If blade server solution, chassis should be 19" rack-mountable, capable of accommodating minimum 8 or higher hot pluggable blades with Two hot-plugs/hot-swap redundant modules for connectivity to the external TOR Switches and to storage device.	Request to delete.		No change
1023	Vol II	6.2.5. Storage Specification Point 10	83	Should also include storage performance monitoring and management software.	Request to delete.		No change
1024	Vol II	6.2.8	86	6.2.8. TOR Switch & WAN Aggregation switch:	Request you to amend as "ToR Switch"		No change
1025	Vol II	6.2.9. Access Switch -8 Port – POE – POE	88	6.2.9. Access Switch -8 Port – POE " Should have minimum 8 GE ports. Should have dual power supply with hot swappable."	Request you to amend as "Should have minimum 8 GE ports."	Power supply redudancy and other safety measure have been already considered.	Please refer corrigendum
1026	Volume II	6.2.9. Access Switch -8 Port – POE	88	6.2.9. Access Switch -8 Port – POE. 36. Switch should comply to Operating Temperature range 0°C to 50 °C	Access Switch will be placed in fields in junction box. Access switch should be of industrial grade with Operating Temperature of 0 to 60 degree C or better. Kindly confirm.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1027	Volume II	6.4.12.1 ANPR for Entry Exit:	153	The system shall be flexible to capture the license plates and the traffic violations (subject to the required field of view) from front-side or back-side using a single camera for two lanes at least	<p>A single high-resolution camera is not the best option to detect vehicles in hybrid traffic conditions in Indian cities. On the basis of the learnings and experience of Indian roads and non-disciplined hybrid traffic, most OEMs have developed a solution for the deployment of one camera per lane, where one ANPR camera with a minimum resolution of 2 MP is deployed per lane (3.5 mtr width) to cover speed, ANPR, no helmet, triple rim, etc. simultaneously for all the lanes.</p> <p>Hence, we request that you kindly amend the clause as per below for fair and larger participation.</p> <p>"The system shall be flexible to capture the licence plates and the traffic violations (subject to the required field of view) from front-side or back-side using a single camera for a single lane or a single camera for two lanes with 90% day and night accuracy".</p>		No change
1028	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera/S.No. 5	297	Lens:5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Lens size are OEM specific , request you to relax same to "5.5 to 11-40 to 62mm"		No change
1029	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera. S.No. 9	297	Video Streams:Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	For ANPR feature single stream is enough, so request you to reduce 4 nos stream to single stream or triple stream.		Please refer corrigendum
1030	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera. S.No. 13	298	Wide Dynamic Range: 150 dB or better	150 dB WDR is OEM specific so request you amend it 120dB or 140dB as per industry standards.		Please refer corrigendum
1031	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera. S.No. 16,17	298	Audio In,Audio Out	Request you to delete same as Audio feature is not required for ANPR camera		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1032	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera. S.No. 28	299	Enclosure:IP67, IK10 & Nema4x or better	ANPR camera with Nema4x is OEM specific, so request you to delete same to make this requirement more open and competitive.		Please refer corrigendum
1033	Volume 2	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera (Sr.No 32)	299	NDAAs	<p>it is in regarding to the NDAAs certifications associated with the camera hardware specifications mentioned in RFP document.</p> <p>We would like to bring to your attention that the camera hardware in question is intended for use in an Indian government project. As you may be aware, the NDAAs certifications are primarily applicable to products used in the United States, and their requirements do not apply to the Indian market. Therefore, we kindly request your assistance in removing the NDAAs certifications from the camera hardware specifications.</p> <p>The exclusion of these certifications will ensure that the camera hardware complies with the relevant regulations & Certifications and standards applicable to the Indian government project. It is imperative for us to maintain the appropriate documentation and specifications that align with Indian regulations and policies.</p> <p>We understand the significance of adhering to international regulations and the importance of security considerations. we assure you that our request is solely aimed at aligning the camera hardware specifications with the applicable Indian regulations, without compromising any essential security measures.</p>		Please refer corrigendum
1034	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	153	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera 4. Lens: 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Majority OEM's in market have standard lens 5mm to 50mm. Many smartcity RFP have specifications with such standard lens. Request you to ammend the same as "5-50 mm (+/- 1mm) Motorized Varifocal Lens or better"		Please refer corrigendum
1035	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	153	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera 9. Video Streams: Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	Majority OEM's in market have Triple streams with Main stream in higher configuration and rest in lower configuration. Hardly any OEM in market has this feature of 4 streams individually configurable in higher configuration . Request you to ammend as "Minimum 3 Nos, individually configurable at different resolution "		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1036	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	154	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera 19. Analytics: Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification. Can be achieved via VMS and VA	Analytics such as Audio detection, Sound classification, face detection etc., requires close environment and will not work on application of open environment as specified. We request you to remove the above analytics from this features.		Please refer corrigendum
1037	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	155	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera 34. Embedded applications:The camera shall provide a platform allowing the upload of third-party applications into the camera	Request you to share what kind of third party applications are required for uploading.. Generally interface is available for integration with 3rd party analytics through API. Request you to remove embedded application point.		Please refer corrigendum
1038	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	153	SR.No.(4)Lens- 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Request you to consider Lens :5.5 ~50 mm (+10mm),Motorized Varifocal Lens or better. The required lens is specific to OEM and restricting to participate to other OEMs.		No change
1039	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	153	SR.No.(5)Electronic Shutter-1/5 to 1/50,000s or better	Request you to consider Electronic Shutter-1/5s to 1/20000s or better . This change will not impact the functionality of the system and help to participate other OEMS		No change
1040	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	153	SR.No.(9)Video Streams- Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	Request you to consider to amend clause -Video Streams 3 Nos or better , so that other OEMs can participate .		Please refer corrigendum
1041	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	154	SR.No.(13)Wide Dynamic Range- 150 dB or better	Request you to consider amending Wide Dynamic Range -120 dB or Better , WDR-150dB are specific to OEM and restricting to participate other OEMs.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1042	Volume II	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera	154	SR.No.(23)Protocols-PIM-SM,LLDP,SRTP	Request you to consider removing PIM-SM ,LLDP & SRTP protocol ,it is specific to OEM.		No change
1043	Volume -ii- 147-end	6.4.14 Variable Message Display	10 of 146	· The (VMD) should have : pixel density 2500Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	Requesting you to kindly modify the clause to the following: ". The (VMD) should have : pixel density 10000Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >5500 cd/sq.m., color amount 16million., Contrast 3000:1" Justification: As prevalent in various smart cities, a minimum pixel density of 10000pixels/sq.m would be required thereby giving more clarity to the images/text/ videos to be displayed in the VMD. Accordingly, brightness requirement of >5500 cd/sq.m would be sufficient. Therefore, the authority is requested to accept this change.		No change
1044	Volume -ii- 147-end	6.4.14 Variable Message Display	10 of 146	· The cabinet material should be steel and should double side back door for traffic display	Requesting you to kindly modify the clause to the following: ". The cabinet material should be steel and should be double side back door for maintenance access" Justification: There seems to be an error in the clause because of which it lack clarity in understanding. Back doors for VMD are provided for maintenance purposes and not for traffic display. The Authority is requested to accept this change and do the correction.		Please refer corrigendum
1045	Volume -ii- 147-end	6.4.14 Variable Message Display	10 of 146	· The (VMD) should have : pixel density 2500Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	Requesting you to kindly modify the clause to the following: ". The (VMD) should have : pixel density 10000Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >5500 cd/sq.m., color amount 16million., Contrast 3000:1"	As prevalent in various smart cities, a minimum pixel density of 10000pixels/sq.m would be required thereby giving more clarity to the images/text/ videos to be displayed in the VMD. Accordingly, brightness requirement of >5500 cd/sq.m would be sufficient. Therefore, the authority is requested to accept this change.	No change
1046	Volume -ii- 147-end	6.4.14 Variable Message Display	10 of 146	· The (VMD) shall be of IP 67	Requesting you to kindly modify the clause to the following: ". The (VMD) shall be of IP65 on the front display and IP54 on the rear/sides"	IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1047	Volume -ii-147-end	6.4.14 Variable Message Display	10 of 146	The cabinet material should be steel and should double side back door for traffic display	Requesting you to kindly modify the clause to the following: ". The cabinet material should be steel and should be double side back door for maintenance access"	Justification: There seems to be an error in the clause because of which it lack clarity in understanding. Back doors for VMD are provided for maintenance purposes and not for traffic display. The Authority is requested to accept this change and do the correction.	Please refer corrigendum
1048	Volume II	6.4.15 Specification for Speed Violation Camera:	160	37. Speed detection system to capture speed: Upto 200 Kmph +/- 5% 38. Speed Enforcement Technology: Radar/Laser/Other better technologies	With reference to clause " Speed detection system to capture speed: up to 200 KMPH +/- 5% " and clause at page no. 161, " 3. The speed detection software system shall be certified by any accredited laboratory for speeds from 40 KMPH to 235 KMPH with variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, 200 KMPH, and 235 KMPH speeds, " both are contradictory. Hence, we request that you amend the clause as mentioned below to avoid any such confusion for the bidders. 3. The speed detection software system shall be certified by any accredited Government of India-approved agency as per CMVR (Central Motor Vehicles Rules) for speeds from 40 KMPH to more than 200 KMPH with a variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, and more than 200 KMPH. The bidder should propose an appropriate camera to capture vehicle speeds up to 200 kmph.		Please refer corrigendum
1049	Volume 2	6.4.15 Specification for Speed Violation Camera. S.No. 4	302	5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better, F1.6	Lens size are OEM specific , request you to relax same to "5.5 to 11-40 to 62mm"		No change
1050	Volume 2	6.4.15 Specification for Speed Violation Camera. S.No. 9	302	Video Streams:Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	For SVD feature single stream is enough, so request you to reduce 4 nos stream to single stream or triple stream.		Please refer corrigendum
1051	Volume 2	6.4.15 Specification for Speed Violation Camera. S.No. 13	302	Wide Dynamic Range: 150 dB or better	150 dB WDR is OEM specific so request you amend it 120dB or 140dB as per industry standards.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1052	Volume 2	6.4.15 Specification for Speed Violation Camera. S.No. 16,17	302	Audio In,Audio Out	Request you to delete same as Audio feature is not required for SVD camera		Please refer corrigendum
1053	Volume 2	6.4.15 Specification for Speed Violation Camera. S.No. 28	303	Enclosure:IP67, IK10 & Nema4x or better	SVD camera with Nema4x is OEM specific, so request you to delete same to make this requirement more open and competitive.		Please refer corrigendum
1054	Volume 2	6.4.15 Specification for Speed Violation Camera (Sr.No 32)	303	NDAAs	<p>it is in regarding to the NDAAs certifications associated with the camera hardware specifications mentioned in RFP document.</p> <p>We would like to bring to your attention that the camera hardware in question is intended for use in an Indian government project. As you may be aware, the NDAAs certifications are primarily applicable to products used in the United States, and their requirements do not apply to the Indian market. Therefore, we kindly request your assistance in removing the NDAAs certifications from the camera hardware specifications.</p> <p>The exclusion of these certifications will ensure that the camera hardware complies with the relevant regulations & Certifications and standards applicable to the Indian government project. It is imperative for us to maintain the appropriate documentation and specifications that align with Indian regulations and policies.</p> <p>We understand the significance of adhering to international regulations and the importance of security considerations. we assure you that our request is solely aimed at aligning the camera hardware specifications with the applicable Indian regulations, without compromising any essential security measures.</p>		Please refer corrigendum
1055	Volume II	6.4.15 Specification for Specification for Speed Violation Camera	158	6.4.15 Specification for Specification for Speed Violation Camera: 4. Lens: 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Majority OEM's in market have standard lens 5mm to 50mm. Many smartcity RFP have specifications with such standard lens. Request you to ammend the same as "5-50 mm (+/- 1mm) Motorized Varifocal Lens or better"		Please refer corrigendum
1056	Volume II	6.4.15 Specification for Specification for Speed Violation Camera	158	6.4.15 Specification for Specification for Speed Violation Camera: 9. Video Streams: Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	Majority OEM's in market have Triple streams with Main stream in higher configuration and rest in lower configuration. Hardly any OEM in market has this feature of 4 streams individually configurable in higher configuration . Request you to ammend as "Minimum 3 Nos, individually configurable at different resolution "		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1057	Volume II	6.4.15 Specification for Specification for Speed Violation Camera	158	6.4.15 Specification for Specification for Speed Violation Camera: 14. IR: 70 Meter (Built in or External) IR	RLVD, ANPR, Evidence camera has IR 100 mtr. Request you to amend as "IR 100 Meter (built in or External)" for SVD camera.		Please refer corrigendum
1058	Volume II	6.4.15 Specification for Specification for Speed Violation Camera	159	6.4.15 Specification for Specification for Speed Violation Camera: 34. Embedded applications:The camera shall provide a platform allowing the upload of third-party applications into the camera	Request you to share what kind of third party applications are required for uploading.. Generally interface is available for integration with 3rd party analytics through API. Request you to remove embedded application point.		Please refer corrigendum
1059	Volume II	6.4.15 Specification for Speed Violation Camera	158	SR.No.(4)Lens- 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Request you to consider Lens :5.5 ~50 mm (+10mm),Motorized Varifocal Lens or better. The required lens is specific to OEM and restricting to participate to other OEMs.		No change
1060	Volume II	6.4.15 Specification for Speed Violation Camera	158	SR.No.(9)Video Streams- Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	Request you to consider amending clause -Video Streams 3 Nos or better , so that other OEMs can participate .		Please refer corrigendum
1061	Volume II	6.4.15 Specification for Speed Violation Camera	158	SR.No.(13)Wide Dynamic Range- 150 dB or better	Request you to consider amending Wide Dynamic Range -120 dB or Better , WDR-150dB are specific to OEM and restricting to participate other OEMs.		No change
1062	Volume II	6.4.15 Specification for Speed Violation Camera	159	SR.No.(23)Protocols-PIM-SM,LLDP,SRTP	Request you to consider removing PIM-SM ,LLDP & SRTP protocol ,it is specific to OEM.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1063	Volume II	6.4.16	161	3. The speed detection software system shall be certified by any accredited laboratory for speeds from 40 KMPH to 235 KMPH with variation of less than 2% at various speed thresholds such as 40 KMPH, 70 KMPH, 100 KMPH, 130 KMPH, 170 KMPH, 200 KMPH and 235 KMPH speeds.	<p>As per India's laws and guidelines, speed violation detection systems should be certified by Government of India-accredited bodies as per CMVR Rule 126 and further amended as per GSR 136 (E) and GSR 575 (E). No other agencies are authorised by the government to do speed testing. Under rule 126 of the Central Motor Vehicle Rules (CMVR) 1989, there are seven (07) testing agencies for Type Approval and Certification of Vehicles for compliance to Central Motor Vehicle Act, 1988 and Central Motor Vehicle Rules, 1989. These are –</p> <ol style="list-style-type: none"> 1) Automotive Research Association of India (ARAI), Pune, Maharashtra 2) Vehicle Research & Development Establishment (VRDE), Ahmednagar, Maharashtra 3) Central Farm Machinery Training and Testing Institute, Budni, Madhya Pradesh 4) Indian Institute of Petroleum (IIP), Dehradun, Uttarakhand 5) Central Institute of Road Transport (CIRT), Pune, Maharashtra 6) International Centre for Automotive Technology (ICAT), Manesar, Haryana 7) Northern Region Farm Machinery Training and Testing Institute, Hissar <p>235 KMPH speed is very specific and favours a single OEM.</p> <p>Hence, we request that you amend the clause as mentioned below for fair and larger participation.</p> <p>3.The speed detection software system shall be certified by any accredited Government of India-approved agency as per CMVR (Central Motor Vehicles Rules) for speeds from 40 KMPH to more than 200 KMPH with a variation of less than 2% at various speed thresholds such as 40</p>		Please refer corrigendum
1064	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	1 The Traffic Signal Controller equipment is a 32 bit or 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases, and junction groups. The controller will ideally have a conflict monitoring facility to ensure that conflicting, dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have 5 year warranty	<p>Requesting you to modify the clause to the following:</p> <ol style="list-style-type: none"> 1 The Traffic Signal Controller equipment should be a 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases and junction groups. The controller shall preferably have a conflict monitoring facility to ensure that conflicting, and dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have a 5-year warranty. The controller shall have a clock speed of at least 1.2 GHz <p>Justification: This would enable the controller to run faster and process more data and complex logic quickly resulting in enabling of AI-based optimisation</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1065	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller Input and Output facilities	20 of 146	2 Detector Interface: A minimum of 16 vehicle detector inputs shall be available in the controller. All detector inputs shall be optically isolated and provided with LED indication for detection of the vehicle For future scalability to ATCS	Requesting you to revise the clause as follows: 2 Vehicle Detector Interface: • Direct interface with detectors from the ethernet port. • Compatible with the proposed Camera Based detectors Justification: This basic open collector input is obsolete and is valid for capturing only vehicle presence in defined zones. However, the detailed traffic data generated from the proposed detectors itself would be lost because of it. Hence, it is better to have data transfer via an ethernet port. This data would include the conventional vehicle presence data along with classified counts and other traffic data.		No change
1066	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through a keypad or laptop. A minimum of 512KB flash memory and 128KB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	Requesting you to revise the clause as follows: 3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through keypad or laptop. A minimum of 2GB flash memory (inbuilt/external) and 1GB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings. Justification: The detectors produce a lot of vehicle-by-vehicle data which will be lost if the controller memory or the processing power is less.		No change
1067	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	21 of 146	3 There should be alternate Red and Balance phase time for STOP or STP in Flashing 4 Alternate Green and Balance Phase Time for Go in Flashing	Requesting you to modify the clause to the following: 3. There should be alternate Red and Balance phase time for STOP or STP in Flashing by taking direct timing inputs from the controller instead of self-learning. 4. Alternate Green and Balance Phase Time for Go in Flashing by taking direct timing inputs from the controller instead of self-learning. Justification: The self-learning timers won't work during adaptive modes and hence will show random values. In this case, it is better to use an adjustable advanced timer which can directly take the timing inputs from the controllers and change the times dynamically as per the requirement.		No change
1068	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	5 The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Requesting you to modify the clause to the following: 5 The controller shall provide a real time clock (RTC) with battery backup that set and update the time, date and day of the week. Justification: As the RTC is GPS based timing mechanism and it works with NTP servers, hence there is no requirement of power backup. It doesn't drift due to the availability of GPS.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1069	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	5 Transit Signal Priority (TSP) for buses: The traffic signal controller shall provide transit signal priority for buses in the dedicated lane to ensure minimum stop delay at the intersection, without violating safety clearances.	<p>Requesting you to add the following clause:</p> <p>The traffic signal controller shall provide transit signal priority for buses and other emergency vehicles to ensure minimum stop delay at the intersection, without violating safety clearances. The system shall provide following functionalities:</p> <ul style="list-style-type: none"> - The ATCS system shall interface with the GPS device in the bus/ambulances and provide them the priority in crossing the junction. - It shall also be possible to integrate the RFID reader in the ATCS system for identifying the buses & other vehicles of significance near the junction to providing priorities. - The system shall be able to determine the priority order of each vehicle when there are multiple priority vehicles simultaneously present at a given junction, and accordingly determine which get the priority first. - The priority can be given either as an extension to green stage or a forced switching to a green stage depending on the current state of the signal. - The system shall also compensate the other stages for the lost green after the passage of the priority vehicle in order to minimize congestion. - An additional mobile application shall be provided for emergency/VIP vehicles without GPS devices with the following features: <ul style="list-style-type: none"> --Role-based selective user login --Emergency mode on/off --Auto timeout feature of the emergency mode --GPS based location information to the ATCS system <p>Justification: This will improve the public transport efficiency within the city, which will, in turn, result in a modal shift towards public transport resulting in reduced congestion. This will also help in the quicker</p>		No change
1070	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional clause	<p>Requesting you to kindly add the following clause:</p> <p>Double-cycling: ATCS systems optimise signal timings for a group of junctions including determining the optimal offset for chosen stages between adjacent traffic signals. All the signal in a group typically run on a common cycle time in order to maintain a stable offset as determined by the system. ATCS systems determine group cycle times based on traffic demand at the critical junction. However, there could be junctions in a group with low traffic demand for all traffic streams where longer cycle times determined based on traffic at the critical junction could increase delay. Hence, the user shall have the ability to specify minor junctions in a group whose cycle times will be half the cycle time of the critical junction while maintaining stable offsets; this is called double-cycling. The system shall have the ability to optimise signal timings for a group of junctions that may include one or more junctions running double-cycling.</p> <p>Justification: Double cycling will assist in optimizing traffic at critical junctions and will lead to better network performance</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1071	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause	<p>Requesting you to add the following OEM criteria for ATCS OEMs:</p> <p>The ATCS OEM should have deployed 5 Cities in India with a minimum of 20 junctions each in the past 5 years. Work orders and self-certified completion (above 90%) are to be submitted along with project details.</p> <p>Justification: The city has not asked for OEM Criteria from ATCS OEMs, since ATCS is a very crucial part of this tender we would request the city to add the above-mentioned criteria in order to evaluate the best system for the city.</p>		No change
1072	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause:	<p>Requesting you to add the following clause:</p> <p>The controller shall allow interfacing with the ATCS application using an industry-standard protocol such as UTMC/UG405 or NTCIP. No Proprietary communications protocol shall be allowed</p> <p>Justification: The UG405 protocol is a widely accepted protocol and already has a lot of installations in India.</p>		No change
1073	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	<p>ATCS Application Software Requirement:</p> <p>Additional Clause</p>	<p>Requesting you to add the following clause:</p> <p>Gating: A few junctions in a road network are critical due to simultaneous high demand for conflicting traffic streams. Congestion at these junctions is higher than other junctions where high demand exists only for fewer traffic streams and the available green time can be redistributed to mitigate congestion to some extent. This leads to a severe queue build up at critical junctions. Gating is a strategy that artificially reduces the capacity of traffic signals at junctions upstream of the critical junction using traffic signals such that that queues are re-distributed across multiple junctions thereby reducing the total delay across junctions for critical traffic streams. The proposed ATCS system shall have the capability to optimise signal timings at a group of junctions incorporating gating. Specifically, the user shall be able to select the upstream junctions where the queues are to be relocated based on available storage capacity and the system should be able to determine optimal signal timings at those junctions to implement gating.</p> <p>Justification: Gating will assist in optimizing traffic at critical junctions & will lead to better network performance</p>		No change
1074	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 5 Technical Features	36 of 146	B Input Power 85-260V AC, 50Hz	<p>Requesting you to kindly modify the clause to:</p> <p>B Input Power 85-260V AC, 50Hz or 12/24VDC</p> <p>Justification: DC lights are safer as they omit the chance of electrocution on short-circuiting and pedestrian safety on the poles.</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1075	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	36 of 146	C Operating Temperature -20 to + 60 °C	Requesting you to kindly modify the clause to: C Operating Temperature 0°C to + 60 °C Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1076	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 2 Mechanical Specifications	35 of 146	C Dimensions 360mm x 370mm x 220mm	Requesting you to kindly modify the clause to: C Dimensions 360mm x 370mm x 220mm or similar Justification: The mentioned dimensions are very specific and all the OEMs may not have the same kind of die for housing.		Please refer corrigendum
1077	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 3 Display Specification	35 of 146	D No. of Digit 3	Requesting you to revise the clause as follows: D No. of Digit 3 upto 199 Justification: In the proposed size digits upto 199 are only possible		No change
1078	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	Full ATCS (FATCS): In FATCS mode, the traffic signal controller shall execute stage timings as per demand within the constraints of Minimum Green, Maximum Green running period for the stage, and Cycle time specified by the Central Computer during every cycle switching. Pre-emption for all demand actuated stages except Priority Stage shall be possible in this mode. The traffic signal controller shall identify a communication failure with the central computer within a specified period. In such an event the signal plan timings shall be executed from the local timetable stored in the traffic signal controller FLASH memory. The fallback mode of the traffic signal controller shall be vehicle actuated. On the restoration of the communication with the central computer, the traffic signal controller shall automatically resort to FATCS mode. The traffic signal controller shall accept commands for remote selection / de-selection of the following from the Central Computer at ICC. C.	Requesting you to modify the clause to the following: The system shall be able to optimise the signal timing of a group of junctions in a given region based on detector data while maintaining offset coordination for the dominant traffic flow in the region. The adaptive algorithm should carry out model based estimation. The model shall be able to estimate and predict the traffic state for entire road network including the major links that do not have detection. Justification: The ATCS technology has evolved and the proposed ATCS technology is a decade old. The model based optimisation is being used in the advanced system and the same shall be used in an important city such as Warangal		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1079	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause:	Requesting you to add the following clause: The controller shall allow interfacing with the ATCS application using an industry-standard protocol such as UTMC/UG405 or NTCIP. No Proprietary communications protocol shall be allowed	The UG405 protocol is a widely accepted protocol and already has a lot of installations in India.	No change
1080	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	ATCS Application Software Requirement: Additional Clause	Requesting you to add the following clause: Gating: A few junctions in a road network are critical due to simultaneous high demand for conflicting traffic streams. Congestion at these junctions is higher than other junctions where high demand exists only for fewer traffic streams and the available green time can be redistributed to mitigate congestion to some extent. This leads to a severe queue build up at critical junctions. Gating is a strategy that artificially reduces the capacity of traffic signals at junctions upstream of the critical junction using traffic signals such that that queues are re-distributed across multiple junctions thereby reducing the total delay across junctions for critical traffic streams. The proposed ATCS system shall have the capability to optimise signal timings at a group of junctions incorporating gating. Specifically, the user shall be able to select the upstream junctions where the queues are to be relocated based on available storage capacity and the system should be able to determine optimal signal timings at those junctions to implement gating.	Gating will assist in optimizing traffic at critical junctions & will lead to better network performance	No change
1081	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional clause	Requesting you to kindly add the following clause: Double-cycling: ATCS systems optimise signal timings for a group of junctions including determining the optimal offset for chosen stages between adjacent traffic signals. All the signal in a group typically run on a common cycle time in order to maintain a stable offset as determined by the system. ATCS systems determine group cycle times based on traffic demand at the critical junction. However, there could be junctions in a group with low traffic demand for all traffic streams where longer cycle times determined based on traffic at the critical junction could increase delay. Hence, the user shall have the ability to specify minor junctions in a group whose cycle times will be half the cycle time of the critical junction while maintaining stable offsets; this is called double-cycling. The system shall have the ability to optimise signal timings for a group of junctions that may include one or more junctions running double-cycling.	Double cycling will assist in optimizing traffic at critical junctions and will lead to better network performance	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1082	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause	Requesting you to add the following OEM criteria for ATCS OEMs: The ATCS OEM should have deployed 5 Cities in India with a minimum of 20 junctions each in the past 5 years. Work orders and self-certified completion (above 90%) are to be submitted along with project details.	The city has not asked for OEM Criteria from ATCS OEMs, since ATCS is a very crucial part of this tender we would request the city to add the above-mentioned criteria in order to evaluate the best system for the city.	No change
1083	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	1 The Traffic Signal Controller equipment is a 32 bit or 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases, and junction groups. The controller will ideally have a conflict monitoring facility to ensure that conflicting, dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have 5 year warranty	Requesting you to modify the clause to the following: 1 The Traffic Signal Controller equipment should be a 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases and junction groups. The controller shall preferably have a conflict monitoring facility to ensure that conflicting, and dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have a 5-year warranty. The controller shall have a clock speed of at least 1.2 GHz	This would enable the controller to run faster and process more data and complex logic quickly resulting in enabling of AI-based optimisation	No change
1084	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through a keypad or laptop. A minimum of 512KB flash memory and 128KB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	Requesting you to revise the clause as follows: 3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through keypad or laptop. A minimum of 2GB flash memory (inbuilt/external) and 1GB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	The detectors produce a lot of vehicle-by-vehicle data which will be lost if the controller memory or the processing power is less.	No change
1085	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	5 The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Requesting you to modify the clause to the following: 5 The controller shall provide a real time clock (RTC) with battery backup that set and update the time, date and day of the week.	As the RTC is GPS based timing mechanism and it works with NTP servers, hence there is no requirement of power backup. It doesn't drift due to the availability of GPS.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1086	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	Full ATCS (FATCS): In FATCS mode, the traffic signal controller shall execute stage timings as per demand within the constraints of Minimum Green, Maximum Green running period for the stage, and Cycle time specified by the Central Computer during every cycle switching. Pre-emption for all demand actuated stages except Priority Stage shall be possible in this mode. The traffic signal controller shall identify a communication failure with the central computer within a specified period. In such an event the signal plan timings shall be executed from the local timetable stored in the traffic signal controller FLASH memory. The fallback mode of the traffic signal controller shall be vehicle actuated. On the restoration of the communication with the central computer, the traffic signal controller shall automatically resort to FATCS mode. The traffic signal controller shall accept commands for remote selection / de-selection of the following from the Central Computer at ICC. C.	Requesting you to modify the clause to the following: The system shall be able to optimise the signal timing of a group of junctions in a given region based on detector data while maintaining offset coordination for the dominant traffic flow in the region. The adaptive algorithm should carry out model based estimation. The model shall be able to estimate and predict the traffic state for entire road network including the major links that do not have detection.	The ATCS technology has evolved and the proposed ATCS technology is a decade old. The model based optimisation is being used in the advanced system and the same shall be used in an important city such as Warangal	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1087	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation	18 of 146	5 Transit Signal Priority (TSP) for buses: The traffic signal controller shall provide transit signal priority for buses in the dedicated lane to ensure minimum stop delay at the intersection, without violating safety clearances.	<p>Requesting you to add the following clause:</p> <p>The traffic signal controller shall provide transit signal priority for buses and other emergency vehicles to ensure minimum stop delay at the intersection, without violating safety clearances. The system shall provide following functionalities:</p> <ul style="list-style-type: none"> - The ATCS system shall interface with the GPS device in the bus/ambulances and provide them the priority in crossing the junction. - It shall also be possible to integrate the RFID reader in the ATCS system for identifying the buses & other vehicles of significance near the junction to providing priorities. - The system shall be able to determine the priority order of each vehicle when there are multiple priority vehicles simultaneously present at a given junction, and accordingly determine which get the priority first. - The priority can be given either as an extension to green stage or a forced switching to a green stage depending on the current state of the signal. - The system shall also compensate the other stages for the lost green after the passage of the priority vehicle in order to minimize congestion. - An additional mobile application shall be provided for emergency/VIP vehicles without GPS devices with the following features: <ul style="list-style-type: none"> --Role-based selective user login --Emergency mode on/off --Auto timeout feature of the emergency mode --GPS based location information to the ATCS system 	This will improve the public transport efficiency within the city, which will, in turn, result in a modal shift towards public transport resulting in reduced congestion. This will also help in the quicker movement of emergency or priority or VIP vehicles.	No change
1088	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller Input and Output facilities	20 of 146	2 Detector Interface: A minimum of 16 vehicle detector inputs shall be available in the controller. All detector inputs shall be optically isolated and provided with LED indication for detection of the vehicle For future scalability to ATCS	<p>Requesting you to revise the clause as follows:</p> <p>2 Vehicle Detector Interface:</p> <ul style="list-style-type: none"> • Direct interface with detectors from the ethernet port. • Compatible with the proposed Camera Based detectors 	This basic open collector input is obsolete and is valid for capturing only vehicle presence in defined zones. However, the detailed traffic data generated from the proposed detectors itself would be lost because of it. Hence, it is better to have data transfer via an ethernet port. This data would include the conventional vehicle presence data along with classified counts and other traffic data.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1089	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	21 of 146	3 There should be alternate Red and Balance phase time for STOP or STP in Flashing 4 Alternate Green and Balance Phase Time for Go in Flashing	Requesting you to modify the clause to the following: 3. There should be alternate Red and Balance phase time for STOP or STP in Flashing by taking direct timing inputs from the controller instead of self-learning. 4. Alternate Green and Balance Phase Time for Go in Flashing by taking direct timing inputs from the controller instead of self-learning.	The self-learning timers won't work during adaptive modes and hence will show random values. In this case, it is better to use an adjustable advanced timer which can directly take the timing inputs from the controllers and change the times dynamically as per the requirement.	No change
1090	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System	15 of 146	Additional Clause	Requesting you to add the following OEM criteria for ATCS OEMs: The ATCS OEM should have deployed 5 Cities in India with a minimum of 20 junctions each in the past 5 years. Work orders and self-certified completion (above 90%) are to be submitted along with project details. Justification: The city has not asked for OEM Criteria from ATCS OEMs, since ATCS is a very crucial part of this tender we would request the city to add the above-mentioned criteria in order to evaluate the best system for the city.		No change
1091	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller Input and Output facilities	20 of 146	2 Detector Interface: A minimum of 16 vehicle detector inputs shall be available in the controller. All detector inputs shall be optically isolated and provided with LED indication for detection of the vehicle For future scalability to ATCS	Requesting you to revise the clause as follows: 2 Vehicle Detector Interface: • Direct interface with detectors from the ethernet port. • Compatible with the proposed Camera Based detectors Justification: This basic open collector input is obsolete and is valid for capturing only vehicle presence in defined zones. However, the detailed traffic data generated from the proposed detectors itself would be lost because of it. Hence, it is better to have data transfer via an ethernet port. This data would include the conventional vehicle presence data along with classified counts and other traffic data.		No change
1092	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer	21 of 146	3 There should be alternate Red and Balance phase time for STOP or STP in Flashing 4 Alternate Green and Balance Phase Time for Go in Flashing	Requesting you to modify the clause to the following: 3. There should be alternate Red and Balance phase time for STOP or STP in Flashing by taking direct timing inputs from the controller instead of self-learning. 4. Alternate Green and Balance Phase Time for Go in Flashing by taking direct timing inputs from the controller instead of self-learning. Justification: The self-learning timers won't work during adaptive modes and hence will show random values. In this case, it is better to use an adjustable advanced timer which can directly take the timing inputs from the controllers and change the times dynamically as per the requirement.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1093	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Countdown Timer 5 Technical Features	36 of 146	B Input Power 85-260V AC, 50Hz	Requesting you to kindly modify the clause to: B Input Power 85-260V AC, 50Hz or 12/24VDC Justification: DC lights are safer as they omit the chance of electrocution on short-circuiting and pedestrian safety on the poles.		No change
1094	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	5 The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Requesting you to modify the clause to the following: 5 The controller shall provide a real time clock (RTC) with battery backup that set and update the time, date and day of the week. Justification: As the RTC is GPS based timing mechanism and it works with NTP servers, hence there is no requirement of power backup. It doesn't drift due to the availability of GPS.		No change
1095	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through a keypad or laptop. A minimum of 512KB flash memory and 128KB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	Requesting you to revise the clause as follows: 3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through keypad or laptop. A minimum of 2GB flash memory (inbuilt/external) and 1GB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings. Justification: The detectors produce a lot of vehicle-by-vehicle data which will be lost if the controller memory or the processing power is less.		No change
1096	Volume -ii-147-end	6.4.19 Adaptive Traffic Control System Traffic Signal Controller	16 of 146	1 The Traffic Signal Controller equipment is a 32 bit or 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases, and junction groups. The controller will ideally have a conflict monitoring facility to ensure that conflicting, dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have 5 year warranty	Requesting you to modify the clause to the following: 1 The Traffic Signal Controller equipment should be a 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases and junction groups. The controller shall preferably have a conflict monitoring facility to ensure that conflicting, and dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have a 5-year warranty. The controller shall have a clock speed of at least 1.2 GHz Justification: This would enable the controller to run faster and process more data and complex logic quickly resulting in enabling of AI-based optimisation		No change
1097	Volume II	6.4.2	136	xi. Free Left Blocking Violation Detection xv. Driver Talking on Phone while Driving	These traffic VA use cases are mentioned in the scope of work, but they are not in the price bid BOQ or technical and functional specifications of the RFP. We request that you kindly clarify the same and incorporate the same in the price bid BOQ along with quantity and licences for each violation.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1098	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	12. Brightness (Calibrated) 5000 cd/m2 or better; Contrast Ratio 2500:1 or better	<p>Requesting you to kindly modify the clause to the following:</p> <p>"12. Brightness (Calibrated) 4000 cd/m2 or better; Contrast Ratio 2500:1 or better"</p> <p>Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.</p>		No change
1099	Volume -ii-147-end	6.7.2 Digital Bill Board	56 of 146	4. It should be Vandal Proof ; IP Level IP67 or better	<p>Requesting you to kindly modify the clause to the following:</p> <p>"4. It should be Vandal Proof ; IP Level shall be of IP65 on the front display and IP54 on the rear/sides or better"</p> <p>Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India</p>		No change
1100	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	7. Pixel Pitch 10 mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD	<p>Requesting you to kindly modify the clause to the following:</p> <p>"7. Pixel Pitch 4mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD"</p> <p>Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.</p>		No change
1101	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	8. Pixel Density Minimum 10,000 pixels per sqm or higher	<p>Requesting you to kindly modify the clause to the following:</p> <p>"8. Pixel Density Minimum 62,500 pixels per sqm or higher"</p> <p>Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby making the minimum pixel density requirement of 62500pixels/sq.m for giving better clarity to the images/text/ videos to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.</p>		No change
1102	Volume -ii-147-end	6.7.2 Digital Bill Board	56 of 146	4. It should be Vandal Proof ; IP Level IP67 or better	<p>Requesting you to kindly modify the clause to the following:</p> <p>"4. It should be Vandal Proof ; IP Level shall be of IP65 on the front display and IP54 on the rear/sides or better"</p>	Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1103	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	7. Pixel Pitch 10 mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD	Requesting you to kindly modify the clause to the following: "7. Pixel Pitch 4mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD"	Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.	No change
1104	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	8. Pixel Density Minimum 10,000 pixels per sqm or higher	Requesting you to kindly modify the clause to the following: "8. Pixel Density Minimum 62,500 pixels per sqm or higher"	Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby making the minimum pixel density requirement of 62500pixels/sq.m for giving better clarity to the images/text/ videos to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.	No change
1105	Volume -ii-147-end	6.7.2 Digital Bill Board	57 of 146	12. Brightness (Calibrated) 5000 cd/m2 or better; Contrast Ratio 2500:1 or better	Requesting you to kindly modify the clause to the following: "12. Brightness (Calibrated) 4000 cd/m2 or better; Contrast Ratio 2500:1 or better"	Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1106	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	10 The platform shall comprise of an Industrial PC running latest version OS and compatible software.	Requesting the authority to give clarity if the platform for Environmental sensors solution can directly run on server.		No change
1107	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	15 Data retrieval from CMS via USB and DVD shall be possible.	Requesting the authorities to clarify why such a requirement is there. Data retrieval should be done digitally from the control room or via USB. The current requirement of data retrieval via DVD is very OEM specific.		No change
1108	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	16 Generation of reports for pollution load, wind rose etc.	Please confirm that you mean Wind Load instead of Wind Rose and accordingly, please do the required modification		Please refer corrigendum
1109	Volume -ii-147-end	6.7.3 Environmental Sensors		Smart Environment Mobile application	Requesting the authority to let us know what are the number of user licenses to be considered for this app and what are the number of concurrent users.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1110	Volume -ii-147-end	6.7.3 Environmental Sensors	59 of 146	The Sensors should be ruggedized to be deployed in open air areas on streets and park . They should be able to read and report at least the following parameters: · Mosquito density	Requesting the authority to provide clarity for the use/functioning of "Mosquito density". Please also provide the functional and technical requirements since it is not present in the RFP. As per our understanding this clause shouldn't be there as mosquito accumulation is very site-specific and its density reduces with increase in height at which these sensors will be installed		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1111	Volume -ii-147-end	6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)	61 of 146	10 The platform shall comprise of an Industrial PC running latest version OS and compatible software.	Requesting the authority to give clarity if the platform for Environmental sensors solution can directly run on server.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1112	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	10 IP66 as per EN 60529, IK09 Protection EN 62262 or better	Requesting you to kindly modify the clause to the following: "10. IP66 as per EN 60529, IK09 Protection EN 62262 or better" Justification: The shape of the push button vary from OEMs to OEMs, therefore the authority is requested to do this modification for wider participation of OEMs.		No change
1113	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	13 Inbuilt Class D Amplifier, 99db SPL	Requesting you to delete this clause. Justification: This clause is OEM specific, thereby restricting OEMs to participate for the submission of the tender.		No change
1114	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	4 These should also be capable of being used for Public Address.	Requesting the authority to provide clarity for the requirement of usage of ECB as PAS separately. The speaker in ECB is not suitable for addressing the public purposes because too loud mic may lead to interference in distress communication.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1115	Volume -ii-147-end	6.7.4 Emergency Call Box	66 of 146	7 Call Button: Watertight Large backlit Rectangular Push Button, Visual Feedback for button press and call indication	Requesting you to kindly modify the clause to the following: "7 Call Button: Watertight Large backlit Rectangular/Circular Push Button, Visual Feedback for button press and call indication" Justification: The shape of the push button vary from OEMs to OEMs, therefore the authority is requested to do this modification for wider participation of OEMs.		Please refer corrigendum
1116	vol II	6.7.4 Emergency Call Box,SL NO -16	212	Transmission Bandwidth 16000 Hz	Request you to amend as " Transmission Bandwidth 7000 Hz/ G7.22"	16K HZ is specific to only one OEM , It is required only if we play high profile music and it will also consume more bandwidth as compared to G 7.22, and for voice messages/announcements G 7.22 is more than sufficient as human voice cannot go more than 7K Hz , Hence G 7.22 should also be allowed.	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1117	Volume -ii-147-end	6.7.5 IoT Gateway Specification	66 of 146	-	Since all the onfield components of a location will be connected via industrial network switch for the communication and this switch will be connected with the Control room through OFC fibre switch, the requirement of IoT Gateway is null. Requesting the authority to delete this requirement since it is not required. All the onfiled components will be connected with each other via industrial switch only and this switch will be connected with the Control room through OFC fibre switch.		No change
1118	Volume -ii-147-end	6.7.6 Public Address System IP PA Amplifier Technical Specifications	68 of 146	10 Compliant: CB/CE/EN/UL and BIS/IEC	Requesting you to kindly modify the clause to the following: "10. Compliant: CB/CE/EN/UL and BIS/IEC. A declaration can also be given which mentions that the certificates will be provided before the delivery of the solution " Justification: Since our application for the BIS certificate is work-in-progress, therefore, you are requested to also give us an option for providing the declaration for providing the required certificates before delivery.		No change
1119	Volume -ii-147-end	6.7.6 Public Address System Outdoor Horn Speaker Technical Specifications	67 of 146	2 Protection – IP66 and preferably IK10 or better	Requesting you to kindly modify the clause to the following: "2. Protection – IP66 or IK10 or better" Justification: Since the application for the speaker will be outdoor, IP66 or IK10 rated speakers itself will be sufficient. Also, IP66 is equivalent to IK10 ratings.		No change
1120	Volume -ii-147-end	6.7.6 Public Address System PAS Central Software Specifications	69 of 146	4 Central Server operating on 2 or more network interfaces 1Gbps or more data rate Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Central Server operating on 2 or more network interfaces 1Gbps or more data rate" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products		No change
1121	Volume -ii-147-end	6.7.6 Public Address System PAS Central Server	69 of 146	4 Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Compliance – UL 62368-1" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products.		No change
1122	Volume -ii-147-end	6.7.6 Public Address System IP PA Amplifier Technical Specifications	68 of 146	7 Speaker: Minimum 3 Speakers 30 W capacity per location	Requesting you to kindly modify the clause to the following: "7. Speaker: Minimum 2 Speakers 30 W capacity per location" Justification: Providing 2 speakers on each location will be sufficient. Also, this is contradictory to the clause mentioned under IP PA Amplifier as "6. Minimum 2 Inputs and 1 Output relay contacts in Amplifier for connecting external beacon"		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1123	Vol II	8	127	Native Firewall, EDR and WAF services both as a native PaaS from the CSP as well as certified third party solutions selectable from a marketplace hosted by the CSP without intervention from CSP.	Request for Deletion		Please refer corrigendum
1124	Vol II	8	77	Router should support VRRP, VRRPv3.	Request you delete.		No change
1125	Vol II	8	107	Support for call-processing and call-control	Request you to amend as "The communication server and gateway should support IP V6 from day one so as to be future proof "		No change
1126	Vol II	8	90	Switch should support IEEE 802.3ad, IEEE 802.3az standards	Request for deletion.		No change
1127	Vol II	89	133	Block Storage <ul style="list-style-type: none"> • Cloud provider should offer persistent block level storage volumes for use with compute instances. • Cloud provider should offer higher block storage volumes as required • Cloud service should support solid state drive (SSD) backed storage media that offer millisecond latencies. • Cloud service should support the needs of I/O-intensive workloads, particularly database workloads that are sensitive to storage performance and consistency in random access I/O throughput. • Cloud service should support encryption of data on volumes, disk I/O, and snapshots using industry standard AES-256 cryptographic algorithm. • Cloud service should support encryption using customer managed keys. • Cloud service should support point-in-time snapshots. These snapshots should be incremental in nature. • Cloud Service should support sharing of snapshots across 	Request for Deletion		No change
1128	Vol II	9	107	Should support signaling standards/Protocols – SIP, MGCP, H.323, Q.Sig	Request you to amend as "The entire solution (IP PBX, its hardware, Voice Gateway) should be from a single OEM "		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1129	Vol II	90	134	<p>Object Storage</p> <ul style="list-style-type: none"> • Cloud provider should offer secure, durable, highly scalable object storage for storing and retrieving any amount of data from the web. • Cloud provider should support an extremely low-cost storage for archival. The CSP should automatically tier the data. • Cloud service should support encryption for data at rest using 256-bit Advanced Encryption Standard (AES-256) encryption to encrypt your data. • Cloud service should support encryption using customer provided keys. These keys should be used to manage both the encryption, as data is written to disks, and decryption, when data is accessed. • Cloud service should support encryption using a Key Management Service that creates encryption keys, defines the policies that control how keys can be used, and 	Request for Deletion		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1130	Vol II	91	135	<p>File Storage</p> <ul style="list-style-type: none"> • Cloud provider should offer a simple scalable file storage service to use with compute instances in the cloud. • Cloud service should offer SSD backed storage media to provide the throughput, IOPS, and low latency needed for a broad range of workloads. • Cloud service should support petabyte-scale file systems and allow thousands of concurrent NFS connections. • Cloud service should support consistent low latency performance and should support scalable IOPS and throughput performance. • Cloud service should support thousands of instances so that many users can access and share a common data source. • Cloud service should automatically scale up or down as files are added or removed without disrupting applications. • Cloud service should be highly durable - file system object (i.e. directory, file, and link) should be redundantly 	Request for Deletion		No change
1131	Volume-II Scope, Functional & Technical Specification	15, SI. No. M6	275-276	<p>Milestone - M6 Payment Milestones for Implementation - Installation and Commissioning of 1. General Surveillance. 2. ITMS 3. Other Smart solution components 4. OFC Connectivity 5. ICC 6. Any other CAPEX items. Payment Schedule - 15% of the Capex Cost Time Schedule - T + 5 months Deliverable - Installation and commissioning certificate duly signed by RailTel official, Customer and SI.</p>	<p>We request you to consider the following change: "Milestone - M6 Payment Milestones for Implementation - Installation and Commissioning of 1. General Surveillance. 2. ITMS 3. Other Smart solution components 4. OFC Connectivity 5. ICC 6. Any other CAPEX items. Payment Schedule - 20% 15% of the Capex Cost Time Schedule - T + 5 months Deliverable - Installation and commissioning certificate duly signed by RailTel official, Customer and SI."</p>		Please refer corrigendum
1132	Volume-II Scope, Functional & Technical Specification	15, SI. No. M6	275-276	<p>Milestone - M8 Payment Milestones for Implementation - Completion of Integration of Smart devices and existing applications with ICC 6 and Go-Live Payment Schedule - 15% of the Capex Cost Time Schedule - T + 6 months Deliverable - 1. UAT report 2. Training Completion report 3. Go-live certificate.</p>	<p>We request you to consider the following change: "Milestone - M8 Payment Milestones for Implementation - Completion of Integration of Smart devices and existing applications with ICC 6 and Go-Live Payment Schedule - 10% 15% of the Capex Cost Time Schedule - T + 6 months Deliverable - 1. UAT report 2. Training Completion report 3. Go-live certificate."</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1133	Volume II	Object classification for detection of stray animals on the road	141	ii.The system should generate an automatic alert with the details (image, location etc..) of the animal blocking the traffic	This clause is not relevant for the ITMS system; animal detection is part of the video analytics system. The same has been covered under the video analytics system. Hence, we request that you kindly remove this clause from the ITMS system.		No change
1134	Volume II	Technical requirement of Vehicle Detector Sensor	141	Request for addition	Since the system will be used for Adaptive Traffic Control System and in maintaining law & order situation. Vehicle detection component is playing very crucial role in the RFP. OEM experience with considerable project experience should be incorporated which is somehow missing. Hence, we request you to add the OEM criteria for Vehicle detectors for quality OEM participation. 1. The sensor should provide live traffic status, average speed, counting, classification data to ICC for traffic planning and management.The data should to be encrypted and transferred to the controller & ICC in secured manner. Valid certificate for encryption & vulnerability assessment of system on the name of ITMS OEM, from CERT-In empaneled testing agency in India shall be submitted along with bid. 2. The vehicle detection system shall be interfaced with Traffic Signal Controller. The output of the same i.e., presence, vehicle queue length, count, Classification, headway, gap, average speed, reverse driving of vehicles and fallen object shall be used to influence the operation of the traffic signal controller, generate counts, demands and extensions for right-of-way. 3. Vehicle detector that does not change its status at least once during a stage execution shall be notified to the Central server at the termination of the associated stage. 4. Vehicle Detector camera should look at approaching traffic and should work in FOG/ Rain/ dirt conditions. 5. Vehicle Detector 5 Megapixel (or better) camera can be used for general surveillance camera and Evidence/RLVD.		No change
1135	Volume II	ICT Solution 4. Traffic Enforcement System:	148	To facilitate communication and information collaboration among the operators from various traffic zones, the ITMS shall provide the built-in chat function to exchange the text, image, video clips or any other file from the workstation to other fellow operators or supervisors, thus creating an ad-hoc collaborative environment for incident investigation.	It seems this clause has been put erroneously in the ITMS platform; however, the built-in chat functionality is part of "Collaboration Platform," i.e., already there in the RFP Vol-II page no. 196 " and not relevant for the ITMS platform. Hence, we request that you kindly clarify the same and shift this clause from the ITMS system to the collaboration platform.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1136	Volume II	ICT Solution 4. Traffic Enforcement System:	148	The ITMS shall provide all the use cases and functionalities mentioned in the specifications in a unified platform. The ITMS shall provide the multicasting functionality for monitoring live and archived videos from the unified client. It shall provide an integrated management functionality for camera, recording , traffic violation and incident use cases management and user management for ease of operation.	We understand that the recording of event/violation based videos in the ITMS unified platform. Hence, we request that you kindly clarify.		No change
1137	Volume II	Video Handling and General Functions	149	1. ITMS shall allow recording a matrix of cameras from the operator workstation in a single file to create investigative report as a single video file in case of an event or an accident. It shall be possible to share such a file to the fellow operators or supervisors using a built-in chat function .	It seems this clause has been put erroneously in the ITMS platform; however, the built-in chat functionality is part of "Collaboration Platform," i.e., already there in the RFP Vol-II page no. 196" and not relevant for the ITMS platform. Hence, we request that you kindly clarify the same and shift this clause from the ITMS system to the collaboration platform.		No change
1138	Volume II	Video Analytics: AI Based Camera Tampering Detection	243	Video Analytics: AI Based Camera Tampering Detection 1. Alert to be generated when camera is tampered by way of change of Field of view of camera, blurring of view, blocking of view by cloth or obstruction, camera disconnection, blinding of camera by laser or flashlights. 2. Once alert is generated, the incident should be flagged, and system should have the capability to trace the person responsible for the sabotage in other cameras and send notification to concerned authority.	Tampering analytics has already been asked in camera analytics itself, and the person is trackable in other camera recordings if any tampering alert is generated. Hence, we request that you modify the clause as mentioned below to avoid confusion. 2. Once an alert is generated, the incident should be flagged, and the system should have the capability to trace the person responsible for the sabotage in other cameras recordings and send notification to the concerned authority.		No change
1139	Volume II	Video Analytics	243	Video Summarisation	Asked about video summarization in the analytics section; however, video summarization is a separate module and functionality. Hence, we request that you kindly incorporate the video summarization module licences with quantiti to calculate the required server and storage sizing and type of analytics in the price component for CAPEX BOQ.		No change
1140	Volume II	Video Analytics	243	AI Based asset protection, Grouping, crowding and Person waving.	As per our understanding, grouping and crowding both have similar use cases. We request that you kindly clarify the same.		Please refer relevant clauses of RFP (Vol-II)
1141	Volume 2	RLVD Camera Technical Specification: S.No.4	323	Lens:5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Lens size are OEM specific , request you to relax same to "5.5 to 11-40 to 62mm"		No change
1142	Volume 2	RLVD Camera Technical Specification: S.No.9	323	Video Streams:Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	For RLVD feature single stream is enough, so request you to reduce 4 nos stream to single stream or triple stream.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1143	Volume 2	RLVD Camera Technical Specification: S.No.13	323	Wide Dynamic Range: 150 dB or better	150 dB WDR is OEM specific so request you amend it 120dB or 140dB as per industry standards.		No change
1144	Volume 2	RLVD Camera Technical Specification: S.No.16,17	323	Audio In,Audio Out	Request you to delete same as Audio feature is not required for RLVD camera		Please refer corrigendum
1145	Volume 2	RLVD Camera Technical Specification: S.No.28	324	Enclosure:IP67, IK10 & Nema4x or better	RLVD camera with Nema4x is OEM specific, so request you to delete same to make this requirement more open and competitive.		Please refer corrigendum
1146	Volume 2	RLVD Camera Technical Specification (Sr.No 32)	324	NDAAs	<p>it is in regarding to the NDAAs certifications associated with the camera hardware specifications mentioned in RFP document.</p> <p>We would like to bring to your attention that the camera hardware in question is intended for use in an Indian government project. As you may be aware, the NDAAs certifications are primarily applicable to products used in the United States, and their requirements do not apply to the Indian market. Therefore, we kindly request your assistance in removing the NDAAs certifications from the camera hardware specifications.</p> <p>The exclusion of these certifications will ensure that the camera hardware complies with the relevant regulations & Certifications and standards applicable to the Indian government project. It is imperative for us to maintain the appropriate documentation and specifications that align with Indian regulations and policies.</p> <p>We understand the significance of adhering to international regulations and the importance of security considerations. we assure you that our request is solely aimed at aligning the camera hardware specifications with the applicable Indian regulations, without compromising any essential security measures.</p>		Please refer corrigendum
1147	Vol II	13	82	Server should have remote management ILO/ILOM/IDRAC/IPMI/RSA or equivalent with support capabilities include KVM over IP, power on, off & reset, virtual media, SNMPv2 or higher with appropriate perpetual licenses.	Request to delete.		No change
1148	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	<p>Requesting you to modify the clause to the following:</p> <p>11 Should comply to IRC guidelines and should have minimum 5 year warranty</p> <p>Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1149	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indian environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		No change
1150	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum
1151	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		No change
1152	Vol II	6.2.21 Intranet router at DC:	109	6.2.21 Intranet router at DC:	Kindly provide clarity		Please refer relevant clauses of RFP (Vol-II)
1153	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1154	Vol II	Civil and Architectural Work	113	Civil and Architectural Work	Request for Changes in specification		No change
1155	Vol II	Fire Suppression System	115	Comply with NFPA 2001 or ISO 14520 standard or better . Hardware should have 5 year warranty	Request you to amend as "Hardware should have 5 year warranty"		No change
1156	Vol II	Air-conditioning	119	Compressor – As per site condition • Refrigerant – As per site condition	Request you to amend as " •Compressor – Hermetically Sealed Scroll Type •Refrigerant – solution provider may use any refrigerant R22/R410a/407c as per requirement"		No change
1157	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		No change
1158	Vol II	Contact Centre Functional Specification 1		For this size of contact center Quality scoring, feedback and Calibration might not be required to be automated and presented from within the application, Request you to remove this clause.	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1159	Vol II	Contact Centre Functional Specification 52,53		How many Voice based Agents are required, How many Chat Agents are required ? How Many Email Agents are required ? Is Agent Blending required ?	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1160	Vol II	13	77	IPv6 Features a) IPv6 Ping b) IPv6 trace route c) OSPF v3 d) IS-IS	Request you delete.		No change
1161	Vol II	4	109	Minimum 16 GB DDR4 or latest	Request you to amend as "Minimum 8 GB DDR3 ECC Memory @ 1600 Mhz.Slots should be free for future upgrade. Minimum 4 DIMM slots, supporting up to 32GB ECC"		No change
1162	Vol II		page 123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	As per the caluse required 60 kVA UPS and Scalable upto 300kva with Redundant(N+N) Please Clarify Required Modular UPS or Standalone with Parallel . In case required Modular UPS System then please clarify the actual Frame size is required , Frame Size standard is 120 KVA,150KVA ,200KVA,250 kVA & 300 KVA , Power Module standard is 25 KVA,30 KVA and 50 KVA		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1163	Vol II		page 123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	As per the caluse required 60 kVA UPS and Scalable upto 300kva with Redundant(N+N) As recommend based on the Load for modular Design (N+1) Redunat		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1164	Vol II	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	Request for Changes in specification		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1165	Vol II	4	127	Options for container registry and resource template libraries to support faster deployment and best practice implementation.	Request for Deletion		No change
1166	Vol II	Contact Centre Functional Specification 1		Predictive dialing might not be a use case which would be required. Request you to remove predictive dialing and add progressive dialing support	Kindly provide clarity		No change
1167	Vol II	Contact Centre Functional Specification 19		Request you to remove predictive dialing and add preview/progressive dialing as Predictive dialing might not be required	Kindly provide clarity		No change
1168	Vol II	Contact Centre Functional Specification 4		Requesting you to allow either Internal or external call recording solutions to be proposed from the same OEM.	Kindly provide clarity		No change
1169	Vol II	4	77	Router should support jumbo frames (9000) on all ports	Request you delete.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1170	Vol II	12	77	Shall support the OAM feature a) 802.3ah/802.1ag/TWAMP b) LLDP	Request you delete.		No change
1171	vol-2	Establishment of ICCC Project broad scope 4.4 ,page no - 14.	14	Smart Parking Management System	The Solution/product missing in BoQ. Either has to be removed or BoQ to be specified.		No change
1172	Vol II	12	83	Storage should be provided with the required optics, cables and rack mounting kit.	Request to delete.		No change
1173	Vol II		50	The ICCC OEM should be in existence in India since last 5 years. The OEM should have at least the following certificates: ISO 9001, 27001, and CMM I Level 3.	Request you to amend as •Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from MSI as documentary proof. •ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013. ICCC platform should be "make in India"		Please refer corrigendum
1174	Vol II	Establishment of ICCC Project broad scope 4.4 ,page no - 14.	14	Smart Parking Management System	Please specify the BoM for Smart Parking Solution.	Bill of Material for Smart Parking Management is missing.	No change
1175	Vol II	Fire Suppression System	115	Comply with NFPA 2001 or ISO 14520 standard or better . Hardware should have 5 year warranty	Request you to amend as "Hardware should have 5 year warranty"		No change
1176	Vol II	Online UPS for indoor (Data Center / ICCC) Location: 60 kVA	123	Online UPS for indoor (Data Center / ICCC) Location: 60 kVA	Request for Changes in specification	Specific to particular model on Specific OEM	The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1177	Vol II		125	UPS for Outdoor application (2 KVA)	Request for Changes in specification	Specific to particular model on Specific OEM	The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1178	Vol II	4	127	Options for container registry and resource template libraries to support faster deployment and best practice implementation.	Request for Deletion	Support Only One Specific OEM.	No change
1179	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion	Support Only One Specific OEM.	Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1180	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty	These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.	No change
1181	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming	This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.	Please refer corrigendum
1182	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indian environment	0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments	Please refer corrigendum
1183	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius	0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments	Please refer corrigendum
1184	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause.	EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.	No change
1185	Vol II	17.5 Physical & Environmental Security	281		Damage / losses due to theft/vandalism/ natural calamities to be borne by PSCDL.	Beyond the Scope of SI	No change
1186	Vol II	Diesel Generator Set 200 KVA Specification	121	diesel charges	All the fuel consumption (diesel) during implementation and in O&M Phase has to be borne by PSCDL.		No change
1187	Vol II		page 123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	As per the clause required 60 kVA UPS and Scalable upto 300kva with Redundant(N+N) As recommend based on the Load for modular Design (N+1) Redunat		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1188	Vol II		page 123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	As per the clause required 60 kVA UPS and Scalable upto 300kva with Redundant(N+N) Please Clarify Required Modular UPS or Standalone with Parallel . In case required Modular UPS System then please clarify the actual Frame size is required , Frame Size standard is 120 KVA,150KVA ,200KVA,250 kVA & 300 KVA , Power Module standard is 25 KVA,30 KVA and 50 KVA		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1189	Vol II	17.5 Physical & Environmental Security	281	insurance	Damage / losses due to theft/vandalism/ natural calamities to be borne by PSCDL.		No change
1190	vol II	14.1.7 Final Acceptance Testing(V)	273	The SI shall be responsible for the security audit of the established system to be carried out by a certified third party as agreed by RAILTEL / DRDM/ PSCDL. Any delay by the SI in the Final Acceptance Testing shall render him liable to the imposition of appropriate Penalties. However, delays identified beyond the control of SI shall be considered appropriately and as per mutual agreement between RAILTEL / DRDM/ PSCDL and SI. In the event the SI is not able to complete the installation due to non-availability of bandwidth from the bandwidth service providers, the Supplier and RAILTEL / DRDM/ PSCDL may mutually agree to redefine the Network so the SI can complete installation and conduct the Final Acceptance Test within the specified time	kindly ammend this clausue to no penalty as this equipement or solution already went through auditing process .		No change
1191	vol II	Mobilization Advance	277	i) Commenced construction work at the Site in accordance with the approved construction program. Deduction of Mobilization Advance: Mobilization advance shall be deducted starting from Second Interim Payment certificate @ of 10 % (Percent) of the certified amount of Interim payment certificate and to be recovered fully prior to the time when 90 percent (90%) of the work is completed. A bank Guarantee of 110 (%) percent against the Mobilization advance is to be submitted. The mobilization advances and interest on it shall be adjusted and recovered in the Interim Payment Certificates raised by the Contractor for the work completed as mentioned above. The bank Guarantee submitted against mobilization advance has to be valid till completion of the work. In case, the Contractor fails to mobilize necessary manpower, machinery, materials and any necessary procurement or purchase to start the preliminary work, the bank guarantee against mobilization advance may be forfeited and will lead to the termination of contract.	kindly ammend this clause to 0.1 of the certified amount interm payment .		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1192	vol II	RLVD Application(m)	177	The architecture must adopt an end-to-end security model that protects data and the infrastructure from malicious attacks, theft, etc. Provisions for the security of field equipment as well as protection of the software system from hackers and other threats shall be a part of the proposed system. Using Firewalls and Intrusion detection systems such as attacks and theft shall be controlled and well supported (and implemented) with the security policy. The virus and worms' attacks shall be well defended with Gateway level Anti-virus system, along with workstation level Anti-virus mechanism. There shall also be an endeavor to make use of the SSL/VPN technologies to have secured communication between Applications and their end-users. Furthermore, all the system logs shall be properly stored & archived for future analysis and forensics whenever desired	kindly ammend this clause to cyber security ,internet is dept scope (pscdl)		No change
1193	vol II	5.8 City Surveillance System – (CCTV Camera)	33	Ensure camera is protected from the on-field challenges of weather, physical damage and theft	kindly ammend this clause to field or ICC equipment once installed and audit competed the si cope is complete over all .		No change
1194	Vol II	17.12 Security Controls for Cloud Services(23)	287	For SLAs to be used to steer the behavior of a cloud services provider, imposition of financial penalties is to be incorporated.	kindly ammend this clause to no penalty		No change
1195	vol II	14.1.1.13 Physical Infrastructure Management and Maintenance Services(iii)	267	Component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame indicated in the Service Level Agreement (SLA). In case the selected SI fails to meet the above standards of maintenance, there will be a penalty as specified in the SLA	kindly ammend this clause to on penalty will be imposed as the si will be replacing the equipment with own cost of equipment cost and shipping cost to location .		No change
1196	Vol II	Contact Centre Functional Specification 1		For this size of contact center Quality scoring, feedback and Calibration might not be required to be automated and presented from within the application, Request you to remove this clause.	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1197	Vol II	Contact Centre Functional Specification 1		Predictive dialing might not be a use case which would be required. Request you to remove predictive dialing and add progressive dialing support	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1198	Vol II	Contact Centre Functional Specification 19		Request you to remove predictive dialing and add preview/progressive dialing as Predictive dialing might not be required	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1199	Vol II	Contact Centre Functional Specification 34		Request you to remove predictive dialing and add preview/progressive dialing as Predictive dialing might not be required	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1200	Vol II	Contact Centre Functional Specification 4		Requesting you to allow either Internal or external call recording solutions to be proposed from the same OEM.	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1201	Vol II	Contact Centre Functional Specification 52,53		How many Voice based Agents are required, How many Chat Agents are required ? How Many Email Agents are required ? Is Agent Blending required ?	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1202	vol II	14.1.1.7 Provision of the Operational Manpower & Contact Center(i)	265	All such manpower shall be minimum graduate pass	kinly ammend this clausue to minimum qualification 10 class pass with basic knowledge encourage number of participants.		No change
1203	Vol II	Civil and Architectural Work	113	Civil and Architectural Work	Request for Changes in specification		No change
1204	Vol II	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA (With Changed Specification , not as per DPR)	Request for Changes in specification		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1205	Vol II	4	127	Options for container registry and resource template libraries to support faster deployment and best practice implementation.	Request for Deletion		No change
1206	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		No change
1207	Vol II	12	83	Storage should be provided with the required optics, cables and rack mounting kit.	Request to delete.		No change
1208	Vol II	13	82	Server should have remote management ILO/ILOM/IDRAC/IPMI/RSA or equivalent with support capabilities include KVM over IP, power on, off & reset, virtual media, SNMPv2 or higher with appropriate perpetual licenses.	Request to delete.		No change
1209	Vol II	12	77	Shall support the OAM feature a) 802.3ah/802.1ag/TWAMP b) LLDP	Request you delete.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1210	Vol II	13	77	IPv6 Features a) IPv6 Ping b) IPv6 trace route c) OSPF v3 d) IS-IS	Request you delete.		No change
1211	Vol II		50	The ICCO OEM should be in existence in India since last 5 years. The OEM should have at least the following certificates: ISO 9001, 27001, and CMM I Level 3.	Request you to amend as •Proposed ICCO Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from MSI as documentary proof. •ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013. ICCO platform should be "make in India"		Please refer corrigendum
1212	Vol II	Air-conditioning	119	Compressor – As per site condition • Refrigerant – As per site condition	Request you to amend as " •Compressor – Hermetically Sealed Scroll Type •Refrigerant – solution provider may use any refrigerant R22/R410a/407c as per requirement"		No change
1213	Vol II	Fire Suppression System	115	Comply with NFPA 2001 or ISO 14520 standard or better . Hardware should have 5 year warranty	Request you to amend as "Hardware should have 5 year warranty"		No change
1214	Vol II	4	109	Minimum 16 GB DDR4 or latest	Request you to amend as "Minimum 8 GB DDR3 ECC Memory @ 1600 Mhz.Slots should be free for future upgrade. Minimum 4 DIMM slots, supporting up to 32GB ECC"		No change
1215	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		No change
1216	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.		No change
1217	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1218	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1219	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1220	Vol II	Diesel Generator Set 200 KVA Specification	121	diesel charges	All the fuel consumption (diesel) during implementation and in O&M Phase has to be borne by PSCDL.		No change
1221	Vol II	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA (With Changed Specification , not as per DPR)	Request for Changes in specification		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1222	Vol II		125	UPS for Outdoor application (2 KVA)(With Changed Specification , not as per DPR)	Request for Changes in specification		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1223	Vol II	4	127	Options for container registry and resource template libraries to support faster deployment and best practice implementation.	Request for Deletion		No change
1224	Vol II	19	128	CSP should have accreditations relevant to security, availability, confidentiality, processing integrity, and/or privacy Trust Services principles such as SOC 1, SOC 2, SOC 3.	Request for Deletion		No change
1225	vol II	RLVD Application(m)	177	The architecture must adopt an end-to-end security model that protects data and the infrastructure from malicious attacks, theft, etc. Provisions for the security of field equipment as well as protection of the software system from hackers and other threats shall be a part of the proposed system. Using Firewalls and Intrusion detection systems such as attacks and theft shall be controlled and well supported (and implemented) with the security policy. The virus and worms' attacks shall be well defended with Gateway level Anti-virus system, along with workstation level Anti-virus mechanism. There shall also be an endeavor to make use of the SSL/VPN technologies to have secured communication between Applications and their end-users. Furthermore, all the system logs shall be properly stored & archived for future analysis and forensics whenever desired	kindly ammend this clause to cyber security ,internet is dept scope (pscdl)		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1226	vol II	14.1.1.7 Provision of the Operational Manpower & Contact Center(i)	265	All such manpower shall be minimum graduate pass	kinly ammend this clausue to minimum qualification 10 class pass with basic knowledge encorage number of participants.		No change
1227	vol II	14.1.1.13 Physical Infrastructure Management and Maintenance Services(iii)	267	Component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame indicated in the Service Level Agreement (SLA). In case the selected SI fails to meet the above standards of maintenance, there will be a penalty as specified in the SLA	kinly ammend this clause to on penalty will be imposed as the si will be replacing the equipment with own cost of equipment cost and shipping cost to location .		No change
1228	vol II	14.1.7 Final Acceptance Testing(V)	273	The SI shall be responsible for the security audit of the established system to be carried out by a certified third party as agreed by RAILTEL / DRDM/ PSCDL. Any delay by the SI in the Final Acceptance Testing shall render him liable to the imposition of appropriate Penalties. However, delays identified beyond the control of SI shall be considered appropriately and as per mutual agreement between RAILTEL / DRDM/ PSCDL and SI. In the event the SI is not able to complete the installation due to non-availability of bandwidth from the bandwidth service providers, the Supplier and RAILTEL / DRDM/ PSCDL may mutually agree to redefine the Network so the SI can complete installation and conduct the Final Acceptance Test within the specified time	kinly ammend this clausue to no penalty as this equipement or solution already went through auditing process .		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1229	vol II	Mobilization Advance	277	i) Commenced construction work at the Site in accordance with the approved construction program. Deduction of Mobilization Advance: Mobilization advance shall be deducted starting from Second Interim Payment certificate @ of 10 % (Percent) of the certified amount of Interim payment certificate and to be recovered fully prior to the time when 90 percent (90%) of the work is completed. A bank Guarantee of 110 (%) percent against the Mobilization advance is to be submitted. The mobilization advances and interest on it shall be adjusted and recovered in the Interim Payment Certificates raised by the Contractor for the work completed as mentioned above. The bank Guarantee submitted against mobilization advance has to be valid till completion of the work. In case, the Contractor fails to mobilize necessary manpower, machinery, materials and any necessary procurement or purchase to start the preliminary work, the bank guarantee against mobilization advance may be forfeited and will lead to the termination of contract.	kindly ammend this clause to 0.1 of the certified amount interm payment .		No change
1230	Vol II	17.5 Physical & Environmental Security	281	insurance	Damage / losses due to theft/vandalism/ natural calmities to be borne by PSCDL.		No change
1231	Vol II	17.12 Security Controls for Cloud Services(23)	287	For SLAs to be used to steer the behavior of a cloud services provider, imposition of financial penalties is to be incorporated.	kindly ammend this clause to no penalty		No change
1232	vol II	5.8 City Surveillance System – (CCTV Camera	33	Ensure camera is protected from the on-field challenges of weather, physical damage and theft	kindly ammend this clause to field or ICCC equipment once installed and audit competed the si cope is complete over all .		No change
1233	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum
1234	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1235	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1236	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		No change
1237	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1238	Vol II	12	77	Shall support the OAM feature a) 802.3ah/802.1ag/TWAMP b) LLDP	Request you delete.		No change
1239	Vol II	4	77	Router should support jumbo frames (9000) on all ports	Request you delete.		No change
1240	Vol II	13	77	IPv6 Features a) IPv6 Ping b) IPv6 trace route c) OSPF v3 d) IS-IS	Request you delete.		No change
1241	Vol II	18	78	The router should support filtering based on different parameters like: src ip, dst ip, src port, dst port, protocol etc	Request you delete.		No change
1242	Vol II	19	78	The Router Should support DHCP server and client functionality, it Should support DHCPv6 server/relay as well.	Request you delete.		No change
1243	Vol II	12	83	Storage should be provided with the required optics, cables and rack mounting kit.	Request to delete.		No change
1244	Vol II		page 123	Online UPS for indoor (Data Center / ICC) Location: 60 kVA	As per the caluse required 60 kVA UPS and Scalable upto 300kva with Redundant(N+N) Please Clarify Required Modular UPS or Standalone with Parallel . In case required Modular UPS System then please clarify the actual Frame size is required , Frame Size standard is 120 KVA,150KVA ,200KVA,250 kVA & 300 KVA , Power Module standard is 25 KVA,30 KVA and 50 KVA		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1245	Vol II	Contact Centre Functional Specification 4		Requesting you to allow either internal or external call recording solutions to be proposed from the same OEM.	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1246	Vol II	Contact Centre Functional Specification 34		Request you to remove predictive dialing and add preview/progressive dialing as Predictive dialing might not be required	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1247	Vol II	Contact Centre Functional Specification 1		Predictive dialing might not be a use case which would be required. Request you to remove predictive dialing and add progressive dialing support	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1248	Vol II	Contact Centre Functional Specification 52,53		How many Voice based Agents are required, How many Chat Agents are required ? How Many Email Agents are required ? Is Agent Blending required ?	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1249	Vol II	Contact Centre Functional Specification 1		For this size of contact center Quality scoring, feedback and Calibration might not be required to be automated and presented from within the application, Request you to remove this clause.	Kindly provide clarity		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1250	Vol II	17.12 Security Controls for Cloud Services(23)	287	For SLAs to be used to steer the behavior of a cloud services provider, imposition of financial penalties is to be incorporated.	kindly ammend this clause to no penalty		No change
1251	vol II	5.8 City Surveillance System – (CCTV Camera	33	Ensure camera is protected from the on-field challenges of weather, physical damage and theft	kindly ammend this clause to field or ICCV equipment once installed and audit competed the si cope is complete over all .		No change
1252	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum
1253	Volume -ii-147-end	Pedestrian Lamp Heads: Signal Controller Specification:	36 of 146	11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.		No change
1254	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1255	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1256	Volume -ii-147-end	Pedestrian Graphical Count down timer	37 of 146	4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		Please refer corrigendum
1257	Vol II	4	77	Router should support jumbo frames (9000) on all ports	Request you delete.		No change
1258	Vol II	13	77	IPv6 Features a) IPv6 Ping b) IPv6 trace route c) OSPF v3 d) IS-IS	Request you delete.		No change
1259	Volume II	RLVD Camera Technical Specification	179	RLVD Camera Technical Specification: 4. 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	Majority OEM's in market have standard lens 5mm to 50mm. Many smartcity RFP have specifications with such standard lens. Request you to ammend the same as "5-50 mm (+/- 1mm) Motorized Varifocal Lens or better"		Please refer corrigendum
1260	Volume II	RLVD Camera Technical Specification	179	RLVD Camera Technical Specification: 9. Video Streams: Minimum 4 Nos, individually configurable simultaneous streams in H.265 @ 1920x1080 & 60 Fps	Majority OEM's in market have Triple streams with Main stream in higher configuration and rest in lower configuration. Hardly any OEM in market has this feature of 4 streams individually configurable in higher configuration . Request you to ammend as "Minimum 3 Nos, individually configurable at different resolution "		Please refer corrigendum
1261	Volume II	RLVD Camera Technical Specification	179	RLVD Camera Technical Specification: 19. Analytics: Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification. Can be achieved via VMS and VA	Analytics such as Audio detection, Sound classification, face detection etc., requires close environment and will not work on application of open environment as specified. We request you to remove the above analytics from this features.		Please refer corrigendum
1262	Volume II	RLVD Camera Technical Specification	179	RLVD Camera Technical Specification: 34. Embedded applications:The camera shall provide a platform allowing the upload of third-party applications into the camera	Request you to share what kind of third party applications are required for uploading.. Generally interface is available for integration with 3rd party analytics through API. Request you to remove embedded application point.		Please refer corrigendum
1263	Volume II	Poles for Traffic Signals	185	Poles for Traffic Signals 6. Bottom base plate: Minimum base plate of size 30x30x15 cm	We believe base plate width should be 1.5 cm. Request to ammend the same as "Minimum base plate of size 30x30x1.5 cm"		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1264	Volume II	Technical Requirements	223	Technical Requirements c)Proposed ICT Intervention. • Integration with existing safety & surveillance systems already implemented like existing cameras installed, existing command & control centre as Police Station, etc.	Request you to share details of existing camera and command & control centre.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1265	Volume II		222	Recording and Storage	There are Two types of system ITMS & VMS. Request you to confirm on below parameters for camera recording: 1. ITMS: No of days video to be stored of flagged data, at what resolution, fps and bit rate video to be recorded? 2. VMS: No of days video to be stored, at what resolution, fps and bit rate video to be recorded?		Please refer relevant clauses of RFP (Vol-II)
1266	Volume 2	ICCC Specifications	74	320: ICCO OEM Criteria Proposed ICCO Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013	We request to revise the ICCO OEM criteria as per below: Recommended for Revision: 320: ICCO OEM Criteria Proposed ICCO Platform should have been deployed in at least 3 smart cities/ ITMS projects in India /Global. All these implementations should be successfully operational for least 3-1 year. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCO Platform OEM should have ISO 9001:2015 & ISO 27001:2013		Please refer corrigendum
1267	Volume 2	ICCC Specifications	276	Mobilization Advance The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.	The advance payment is generally a non interest bearing amount and is recovered from the subsequent payments made to SI from each bills. so we request to delete the interest from advance payment. Recommended for Revision: Mobilization Advance The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.		No change
1268	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1269	Volume -ii-147-end	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type	37 of 146	8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1270	vol II	RLVD Application(m)	177	The architecture must adopt an end-to-end security model that protects data and the infrastructure from malicious attacks, theft, etc. Provisions for the security of field equipment as well as protection of the software system from hackers and other threats shall be a part of the proposed system. Using Firewalls and Intrusion detection systems such as attacks and theft shall be controlled and well supported (and implemented) with the security policy. The virus and worms' attacks shall be well defended with Gateway level Anti-virus system, along with workstation level Anti-virus mechanism. There shall also be an endeavor to make use of the SSL/VPN technologies to have secured communication between Applications and their end-users. Furthermore, all the system logs shall be properly stored & archived for future analysis and forensics whenever desired	kindly ammend this clause to cyber security ,internet is dept scope (pscdl)		No change
1271	Vol III	1.28	6	"Effective Date" means the date on which the Agreement is signed or letter of intent is issued by Authority, whichever is earlier and executed by the Parties hereto.	"Effective Date" means the date on which the Agreement is signed or letter of intent is issued by Authority, whichever is later and executed by the Parties hereto.		Please refer corrigendum
1272	Vol III	2. Passenger Information System	81	LED Display Boards 3. GPS based handheld device 4.Smart Light Unit 5. Smart Traffic Detectors & Controllers 6.Variable Message Signboard 7.PA system	Request to amend the target - quaterly basis		Please refer corrigendum
1273	Vol III	3.3.3	10	Conditions Precedent_3.3.3-Furnished the notarized copies of any/all contract(s) duly executed by SI and its OEMs existing <u>at the time of signing of the Contract</u> in relation to the Project.	Conditions Precedent_3.3.3-Furnished the notarized copies of any/all contract(s) duly executed by SI and its OEMs in relation to the Project.	This becomes very easy for OEM to take tough stands on agreements as they have no exposure to client on SLAs and Penalties. With such clauses, it will give lot of indirect advantage to OEMs with no bargaining power left with SI, who has to deliver project anyway in time to avoid penalties	No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1274	Vol III	A.4.1. Measurements & Targets	56	d.The upper limit of penalty would be capped at 10% of the O&M value for each quarter. In case the calculated penalty crosses 10% penalty of the O&M value in 2 subsequent quarters, Authority shall reserve the right to invoke the termination clause.	Request to Amend as "The upper limit of penalty would be capped at 10% of the O&M value for each quarter. In case the calculated penalty crosses 10% penalty of the O&M value in 3 subsequent quarters, Authority shall reserve the right to invoke the termination clause. "		Please refer corrigendum
1275	Vol III	A.4.1. Measurements & Targets	59	The penalties would be levied for every unit down time hour. SLA for Video Analytics Performance.	Request to amend as " Rs. 50/- per wrongly identified regd. Number plate below the prescribed limit of SLA Rs. 10/- per wrongly identified regd. Number plate below the prescribed limit of SLA		Please refer corrigendum
1276	Vol III	A.4.1. Measurements & Targets	59	m.SLA and Penalty for Helpdesk Response and Resolution time	Request you amend the penalty as "0.05 % of the monthly O&M value "		Please refer corrigendum
1277	Vol III	A.4.1. Measurements & Targets	59	n. SLA for Change Requests or enhancements	Request you to amend occurrence frequency as " Monthly"		Please refer corrigendum
1278	Vol III	A.4.1. Measurements & Targets	60	o. SLA for issue resolution	Request you to amend occurrence frequency as " Weekly"		Please refer corrigendum
1279	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs 1.Compliance in document versioning and maintenance (FRS, SRS, Business Blueprints, User Training Manual etc.), application version control, updates & patches etc.	Request to amend the penalty as "Rs.500 per occurrence per day of delay."		Please refer corrigendum
1280	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs - Manpower Availability & Readiness	Request to amend the penalty as "Rs 1000 per day in case there is shortage in manpower deployment or lack of adequate skills."		Please refer corrigendum
1281	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs Scheduled downtime for System Maintenance per Week	Request to amend the penalty as Rs. 1,00,000 per occurrence for unscheduled downtime or scheduled downtimes exceeding the specified metric.		Please refer corrigendum
1282	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs - Resource Replacement	Request to amend the penalty as "Rs. 500 per day of unavailability of resource"		Please refer corrigendum
1283	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs -Application Security	Request to amend the penalty as " Depending on the type of incident and its impact, a Penalty of 1% on the entire contract value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract		Please refer corrigendum
1284	Vol III	A.4.1. Measurements & Targets	59	The penalties would be levied for every unit down time hour. SLA for Video Analytics Performance.	Request to amend as " Rs. 50/- per wrongly identified regd. Number plate below the prescribed limit of SLA Rs. 10/- per wrongly identified regd. Number plate below the prescribed limit of SLA		Please refer corrigendum
1285	Vol III	A.4.1. Measurements & Targets	59	n. SLA for Change Requests or enhancements	Request you to amend occurrence frequency as " Monthly"		Please refer corrigendum
1286	Vol III	A.4.1. Measurements & Targets	59	m.SLA and Penalty for Helpdesk Response and Resolution time	Request you amend the penalty as "0.05 % of the monthly O&M value "		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1287	Vol III	A.4.1. Measurements & Targets	60	o. SLA for issue resolution	Request you to amend occurrence frequency as " Weekly"		Please refer corrigendum
1288	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs 1.Compliance in document versioning and maintenance (FRS, SRS, Business Blueprints, User Training Manual etc.), application version control, updates & patches etc.	Request to amend the penalty as "Rs.500 per occurrence per day of delay."		Please refer corrigendum
1289	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs -Application Security	Request to amend the penalty as " Depending on the type of incident and its impact, a Penalty of 1% on the entire contract value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract		Please refer corrigendum
1290	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs Scheduled downtime for System Maintenance per Week	Request to amend the penalty as Rs. 1,00,000 per occurrence for unscheduled downtime or scheduled downtimes exceeding the specified metric.		Please refer corrigendum
1291	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs - Resource Replacement	Request to amend the penalty as "Rs. 500 per day of unavailability of resource"		Please refer corrigendum
1292	Vol III	A.4.1. Measurements & Targets	61	p. Miscellaneous SLAs - Manpower Availability & Readiness	Request to amend the penalty as "Rs 1000 per day in case there is shortage in manpower deployment or lack of adequate skills."		Please refer corrigendum
1293	Vol III	A.4.1. Measurements & Targets	59	The penalties would be levied for every unit down time hour. SLA for Video Analytics Performance.	Request to amend as " Rs. 50/- per wrongly identified regd. Number plate below the prescribed limit of SLA Rs. 10/- per wrongly identified regd. Number plate below the prescribed limit of SLA		Please refer corrigendum
1294	Vol III	A.4.3. Wi-Fi related performance levels	64	Note: Downtime for single AP at any location should not be greater than 12 hours. For every hour beyond this penalty of Rs.1000/- per AP per location would be applicable additional to penalty specified as per SLA and Penalty Deduction for Wi-Fi.	Request you to amend as " Note: Downtime for single AP at any location should not be greater than 48 hours. For every hour beyond this penalty of Rs.50/- per AP per location would be applicable additional to penalty specified as per SLA and Penalty Deduction for Wi-Fi."		Please refer corrigendum
1295	Vol III	A.4.4 City surveillance and ICT Component related performance levels	64	Availability of Applications including: 1. Video Management Target - monthly basis	Request to amend the target - qaterly basis		Please refer corrigendum
1296	Vol III	A.4.4 City surveillance and ICT Component related performance levels	64	2. Video Analytics 3. ANPR 4. RLVD 5. SVD 6. Vehicle Detection 7. Evidence Camera	Request to amend the target - qaterly basis		Please refer corrigendum
1297	Vol III	A.4.6. Service Level for Lighting and Traffic	77	1. Smart Lighting Operation Management System 2. Adaptive Traffic Management System	Request to amend the target - qaterly basis		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1298	Vol III	A.4.6. Service Level for Lighting and Traffic	78	1. Variable message system 2. Public announcement system	Request to amend the target - quaterly basis		Please refer corrigendum
1299	Vol III	A.4.6. Service Level for Lighting and Traffic	79	Availability of other software including: 1. Enterprise Management System (EMS)	Request to amend the target - quaterly basis		Please refer corrigendum
1300	Volume III	8. Approvals and Required Consents	12	The Authority shall extend all necessary support to SI to obtain, maintain and observe all Applicable Permits/Approvals as may be necessary for SI to fulfil all its obligations under the Agreement and/or for providing Goods and Services to the Authority. The costs of such Applicable Permits/Approvals shall be solely borne by SI. Authority shall provide all reasonable co-operation, support and information available with it for obtaining such Approvals.	Please re-consider as this will create an extra financial exposure on the SI. Modification requested as- The Authority shall extend all necessary support to SI to obtain, maintain and observe all Applicable Permits/Approvals as may be necessary for SI to fulfil all its obligations under the Agreement and/or for providing Goods and Services to the Authority. The costs of such Applicable Permits/Approvals shall be solely borne by SI. Authority shall provide all reasonable co-operation, support and information available with it for obtaining such Approvals.		Please refer corrigendum
1301	Volume III	9. Constitution of Consortium	13	Where, during the term of the Agreement, Lead Member terminates any contract/arrangement or agreement relating to the performance of Services, Lead Member shall be responsible and liable for any consequences resulting from such termination. Lead Member shall in such case ensure the smooth continuation of Services by providing a suitable replacement to the satisfaction of the Authority at no additional charge and at the earliest opportunity	High Importance. Requested modification in order to limit financial exposure of SI. Please also note that to the satisfaction of the Authority is a very subjective term and may have different meanings for different people. Revised clause : "Where, during the term of the Agreement, Lead Member terminates any contract/arrangement or agreement relating to the performance of Services, Lead Member shall be responsible and liable for any consequences resulting from such termination. Lead Member shall in such case ensure the smooth continuation of Services by providing a suitable replacement to the satisfaction of the Authority at no additional charge and at the earliest opportunity"		Please refer corrigendum
1302	Volume-3	9. Constitution of Consortium	13	9.2 The Consortium Members have agreed that Lead Member is the main point of contact between the Consortium Members and the Authority and it shall be primarily responsible for the discharge and administration of all the obligation contained herein. The Authority, unless it deems necessary shall deal only with the Lead Member. However, the Lead Member and consortium members shall be jointly and severally liable to the Authority. Notwithstanding the foregoing, the Lead Member would have the sole responsibility of ensuring the delivery of products and services mentioned in all volumes of this RFP and each consortium member will only be responsible/liable for their scope of work.			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1303	Volume 3	14. Services provided by OEMs:	15	14.2 SI shall ensure that the Commercially available Off-The-Shelf (COTS) products supplied by the OEMs support SI in the installation/deployment, integration, roll-out and maintenance of the software applications during the entire period of Agreement. It must clearly be understood by SI that O & M of the System, Products and Services incorporated as part of System would commence from the day of Go- Live of the respective phase (of urban solution) including all the solutions proposed. 14.3 SI would be required to explicitly display that it/they have a back-to-back arrangement for provisioning of warranty/O&M support till the end of Agreement period with the relevant OEMs. The annual maintenance support shall include patches and updates of the software, hardware components and other devices.	Since project is awarded to SI and it is the responsibility of a SI to execute the project and to complete the project lifecycle successfully. So we request you to remove project's back to back conditions from the OEMs as the same are confidentially decided between SI and OEMs separately and are independent to project T&C. There are SLA's defined in the RFP document and the SI will have to adhere to the same irrespective of Bidder's arrangement with OEM. So we request to remove 14.3 clause and modify 14.2 accordingly.		Please refer corrigendum
1304	Volume 3	15. Software, Licenses obtained by SI	15	15.1 All the software licenses that SI proposes to obtain or use for the purposes of fulfilling its various obligations under the Agreement have to be genuine and should be perpetual in nature. The software licenses shall not be pirated or restricted based on location and the Authority should have the flexibility to use them for other requirements if necessary. All Applicable Permits / Approvals / software licenses shall be obtained by SI in the name of Authority only unless the Authority expressly agrees to give its consent in writing to do otherwise	The software/ license are offered and obtained for a project. They are project specific in nature and can not be used for other project or for other requirements. So we request to delete this statement.		Please refer corrigendum
1305	Volume 3	15. Software, Licenses obtained by SI	15	15.2 The Authority reserves the right to review the terms of the warranty and annual maintenance agreements entered into between SI and OEMs. If any such agreement /contract is executed, terminated and/ or amended / varied to the detriment of the Authority, then the Authority shall be informed and prior written consent of the Authority shall be taken for the agreements/ contracts, otherwise the authority shall have the right to consider this event as an " Event of default" of SI. The SI shall ensure that none of the components and sub-components is declared end of sale or end-of-support by the respective OEM at the time of submission of Bid. If the OEM declares any of the products/solutions end-of-sale subsequently, the SI shall ensure that the same is supported by the respective OEM for Agreement period.	Since project is awarded to SI and it is the responsibility of a SI to execute the project and to carry out the project during O&M. The OEMs T&C are confidentially decided between SI and OEMs separately and are independent to project T&C. There are SLA's defined in the RFP document and the SI will have to adhere to the same irrespective of Bidder's arrangement with OEM. So we request to remove the statement wherein authority can review the terms of the warranty and annual maintenance agreements entered into between SI and OEMs.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1306	Volume III	19. Commencement of Installation	17	19.2 As per guidelines of Telecom Regulatory Authority of India (TRAI), resale of bandwidth connectivity is not allowed. In such a case tripartite agreement should be entered into between the Authority, SI and internet/Network service provider(s). Tri partite agreement to be provided later.	High Importance Authority to clarify the role of the payment and PO process under this Tripartite Agreement.		Please refer corrigendum
1307	Vol III	24.1		Project Plan: Within seven calendar days of Effective Date of the Agreement/ issuance of letter of intent/ Letter of Award , SI shall submit to the Authority for its approval a detailed Project Plan with details of the Project showing the sequence, procedure and method in which it proposes to carry out the Works. The Plan so submitted by SI shall conform to the requirements and timelines specified in the Agreement. The Authority and SI shall discuss and agree upon the work procedures to be followed for effective execution of the Works, which SI intends to deploy and shall be clearly specified. The Project Plan shall include but not be limited to Project organization, communication structure, proposed staffing, roles and responsibilities, processes and tool sets to be used for quality assurance, security and confidentiality practices in accordance with Good Industry Practices and delivery schedule in accordance with the Agreement. Approval by the Authority's Representative of the Project Plan shall not relieve SI of any of its duties or responsibilities under the Agreement	Project Plan: Within seven calendar days of Effective Date of the Agreement, SI shall submit to the Authority for its approval a detailed Project Plan with details of the Project showing the sequence, procedure and method in which it proposes to carry out the Works. The Plan so submitted by SI shall conform to the requirements and timelines specified in the Agreement. The Authority and SI shall discuss and agree upon the work procedures to be followed for effective execution of the Works, which SI intends to deploy and shall be clearly specified. The Project Plan shall include but not be limited to Project organization, communication structure, proposed staffing, roles and responsibilities, processes and tool sets to be used for quality assurance, security and confidentiality practices in accordance with Good Industry Practices and delivery schedule in accordance with the Agreement. Approval by the Authority's Representative of the Project Plan shall not relieve SI of any of its duties or responsibilities under the Agreement	Effective date is from the date of the Agreement as Letter of Indent is not a binding document from the customer.	Please refer corrigendum
1308	Vol III	28.2	20	Payments: All payments agreed to be made by Authority to SI in accordance with the Bid shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/applicable, if any, and Authority shall not be liable to pay any such levies/other charges under or in relation to the Agreement and/or the Services.	Payments: All payments agreed to be made by Authority to SI in accordance with the Bid shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/applicable, if any, <u>except changes in statutory levies and taxes post the proposal submission date</u> and Authority shall not be liable to pay any such levies/other charges under or in relation to the Agreement and/or the Services.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1309	Volume III	29. Intellectual Property Rights	21	Authority shall exclusively own and have a right in perpetuity to use all newly created Intellectual Property Rights which have been developed solely during execution of the Agreement, including but not limited to all processes, software, technology, processes, methodologies, process improvements, ideas, concepts, products, specifications, reports and other documents which have been newly created and developed by SI or its Subcontractor solely during the performance of Services/execution of the Agreement (hereinafter "Developed Materials") and for the purposes of inter-alia use during the Project. SI shall have no rights in such Developed Materials and undertakes to promptly disclose to the Authority all such Intellectual Property Rights/Developed Materials created during the performance of the Services/Works. SI shall promptly assign, completely and in writing to Authority any such Developed Materials and shall execute all such agreements/documents and obtain all permits and approvals that may be necessary to perfect Authority's rights in the Developed Materials. It is a fundamental provision of the Agreement that SI will not violate or breach any Intellectual Property Rights of the Authority. Should SI use or provide unauthorized access to the Developed Materials or breach any of the confidentiality of these Developed Materials, the	High Importance Minor modifications suggested to protect business interests of the parties. Revised clause: "Authority shall exclusively own and have a right in perpetuity to use all newly created Intellectual Property Rights which have been developed solely during execution of the Agreement for the purposes of this Agreement , including but not limited to all processes, software, technology, processes, methodologies, process improvements, ideas, concepts, products, specifications, reports and other documents which have been newly created and developed by SI or its Subcontractor solely during the performance of Services/execution of the Agreement for the purposes of this Agreement (hereinafter "Developed Materials") and for the purposes of inter-alia use during the Project. SI shall have no rights in such Developed Materials and undertakes to promptly disclose to the Authority all such Intellectual Property Rights/Developed Materials created during the performance of the Services/Works. SI shall promptly assign, completely and in writing to Authority any such Developed Materials and shall execute all such agreements/documents and obtain all permits and approvals that may be necessary to perfect Authority's rights in the Developed Materials at the sole cost and risk of the Authority . It is a fundamental provision of the Agreement that SI will not violate or breach any Intellectual Property Rights of the Authority. Should SI use or provide unauthorized access to the Developed Materials or breach any of the confidentiality of these Developed Materials, the Authority shall have the right to terminate the Agreement forthwith and seek injunctive and other equitable reliefs."		Please refer corrigendum
1310	Volume III	29. Intellectual Property Rights	22	Pre-existing work: All Intellectual Property Rights existing prior to the Effective Date of the Agreement shall belong to the Party that owned such rights immediately prior to the Effective Date. Subject to the foregoing, the Authority will also have rights to use and copy all Intellectual Property Rights, process, specifications, reports and other document, drawings, manuals etc. provided or used by the SI / Consortium / Sub-Contractors as part of the Scope of Works under the Agreement for the purpose of the Agreement on non-exclusive, non-transferable, perpetual, royalty-free license to use basis.	High Importance SI will not be able to give a, non exclusive , royalty free and perpetual license to its IPR and Confidential property which can only be given to use for the purposes of the contract and at the descretion of the SI to protect the business and IPR rights of the SI .Modification requested: "Pre-existing work: All Intellectual Property Rights existing prior to the Effective Date of the Agreement shall belong to the Party that owned such rights immediately prior to the Effective Date. Subject to the foregoing, the Authority will also have rights to use and copy all Intellectual Property Rights, process, specifications, reports and other document, drawings, manuals etc. provided or used by the SI / Consortium / Sub-Contractors as part of the Scope of Works under the Agreement for the purpose of the Agreement on non-exclusive, non-transferable, perpetual, royalty free license to use basis."		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1311	Volume 3	29. Intellectual Property Rights	21	<p>29.1 Except for any ownership rights in any intellectual property that have been expressly granted to the SI under the Agreement, the Authority shall exclusively retain all rights, title and interest in and to any third-party licensed technology, including all worldwide technology and Intellectual Property Rights which has been used for the Project.</p> <p>29.2 Preservation of notice: SI shall not remove, efface or obscure any copyright notices or other proprietary notices or legends from any licensed technology or materials provided under the Agreement, and shall reproduce all such notices and legends when incorporating licensed technology or materials into any integrated products.</p> <p>29.3 Authority shall exclusively own and have a right in perpetuity to use all newly created Intellectual Property Rights which have been developed solely during execution of the Agreement, including but not limited to all processes, software, technology, processes, methodologies, process improvements, ideas, concepts, products, specifications, reports and other documents which have been newly created and developed by SI or its Subcontractor solely during the performance of Services/execution of the Agreement (hereinafter</p>	The software / Copyright product are bidder's IPR which can not be shared with any party. Requesting you to delete/modify the IPR requirement.		Please refer corrigendum
1312	Vol III	29.5	22	<p>29. Intellectual Property Rights: Commercially off the Shelf (COTS): / third party products: All COTS products and related solutions and fixes provided pursuant to the Agreement shall be licensed according to the terms of the license agreement packaged with or otherwise applicable to such products. Such licenses shall be brought on behalf of and in the name of the Authority or mentioning the Authority as the end user of such licenses. SI shall be responsible for arranging any licenses associated with products. Unless otherwise specifically restricted by the licensing terms of the COTS products, all Intellectual Property Rights in any development/enhancement/customization etc. done on the COTS products pursuant to the Agreement shall be owned by the Authority.</p>	<p>29. Intellectual Property Rights: Commercially off the Shelf (COTS): / third party products: All COTS products and related solutions and fixes provided pursuant to the Agreement shall be licensed according to the terms of the license agreement packaged with or otherwise applicable to such products. Such licenses shall be brought on behalf of and in the name of the Authority or mentioning the Authority as the end user of such licenses. SI shall be responsible for arranging any licenses associated with products. Unless otherwise specifically restricted by the licensing terms of the COTS products, all Intellectual Property Rights in any development/enhancement/customization etc. done on the COTS products pursuant to the Agreement shall be owned by the Authority. SI will not be accountable for the violation of any Intellectual Property right if the violation of the Intellectual Property Rights is on account of integration of the existing solutions or any modifications by th Customer.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1313	Vol III	30.2	22	<p>SI shall bear all outgoings, cess, taxes (including municipal taxes), levies, import duties, fees (including any license fees) rates and other user charges (including those applicable for existing utility connections and any other dues, assessments or outgoings payable in respect of implementation of the Project, (including new utility connections obtained by it, if any) or in respect of the materials stored therein which may be levied by any Government Authority as may be levied or imposed on SI under or in relation to the Agreement and under the Applicable Laws including but not limited to Goods & Services Tax (GST) (including any IGST,CGST & SGST) and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire Agreement period and thereafter till such time the liability relates to SI's obligation under the Agreement, i.e., on account of Goods supplied and Services rendered and payments received by it from the Authority under the Agreement. It shall be the responsibility of SI to submit to the concerned Indian authorities the returns and all other connected documents required for this purpose. SI shall also provide the Authority such information, as it may be required in regard to SI's details of payment made by the Authority under the Agreement for properassessment of taxes and</p>	<p>SI shall bear all outgoings, cess, taxes (including municipal taxes), levies, import duties, fees (including any license fees) rates and other user charges (including those applicable for existing utility connections and any other dues, assessments or outgoings payable in respect of implementation of the Project, (including new utility connections obtained by it, if any) or in respect of the materials stored therein which may be levied by any Government Authority as may be levied or imposed on SI under or in relation to the Agreement and under the Applicable Laws including but not limited to Goods & Services Tax (GST) (including any IGST,CGST & SGST) and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire Agreement period and thereafter till such time the liability relates to SI's obligation under the Agreement, i.e., on account of Goods supplied and Services rendered and payments received by it from the Authority under the Agreement. It shall be the responsibility of SI to submit to the concerned Indian authorities the returns and all other connected documents required for this purpose. SI shall also provide the Authority such information, as it may be required in regard to SI's details of payment made by the Authority under the Agreement for properassessment of taxes and duties as may be imposed under Applicable Laws. The amount of tax withheld by the Authority shall at all times be in accordance with Indian Tax Law or any other Government Agency and the Authority shall promptly and timely furnish to SI original certificates for tax deduction at source and paid to the Tax authorities.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1314	Volume III - Master Service Agreement	31. Indemnity 31.1	23	<p>31. Indemnity</p> <p>31.1 The SI hereby indemnifies and agrees and undertakes that from the Effective Date and thereafter during the Term and even after expiry of the Term, it shall keep indemnified and otherwise saved and harmless the Indemnified Parties from and against any and all third party claims for Liabilities, demands made against and/or loss caused and/or the damages suffered and/or cost, charges/expenses incurred or put to and/or penalty levied and/or any claim due to injury or death of any person and/or loss or damage caused or suffered to any property owned or belonging to Authority, their agents and employees or third party as a result of any acts, deeds or thing done or omitted to be done by SI (or any personnel, agent, representative, or Sub-Contractors thereof) or on the failure of the SI to perform any of its statutory duty and/or obligations or failure or negligence on the part of SI to comply with any applicable Laws applicable to the SI as an IT Service Provider or applicable Permits or as a consequence of any notice, show cause notice, action, suit or proceedings, given, initiated, filed or commenced by any third party (including end users or Government Authority) or as a result of any failure or negligence or default of the SI or the Sub-Contractors and/or</p>	<p>Indirect or consequential loss should not be applicable to both parties. So the same shall be modified as under:</p> <p><i>Notwithstanding anything to the contrary contained herein, in no event shall any of the either party be liable to indemnify the other party for any matter arising out of or in connection with the Agreement in respect of any indirect or consequential loss, including loss of profit, suffered by the SI.</i></p>		Please refer corrigendum
1315	Volume III	31. Indemnity	23	<p>In the event SI's Intellectual Property Rights are embedded in the Deliverables, SI grants to Authority a non-exclusive, non-transferable, irrevocable, royalty free and perpetual license for the Authority's internal use of the same as part of the Deliverables in which they are embedded. Nothing contained in this Agreement shall be construed to grant the Authority any right to use or exploit such SI's Intellectual Property Rights in its stand-alone form separate and apart from the Deliverables</p>	<p>High Importance SI will not be able to give a, non exclusive , royalty free and perpetual license to its IPR and Confidential property which can only be given to use for the purposes of the contract and at the descretion of the SI to protect the business and IPR rights of the SI .Modification requested: "In the event SI's Intellectual Property Rights are embedded in the Deliverables, SI grants to Authority a non-exclusive, non-transferable, irrevocable, royalty free and perpetual license for the Authority's internal use of the same as part of the Deliverables in which they are embedded. Nothing contained in this Agreement shall be construed to grant the Authority any right to use or exploit such SI's Intellectual Property Rights in its stand-alone form separate and apart from the Deliverables. "</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1316	Vol III	31.1	23	Indemnity: The SI hereby indemnifies and agrees and undertakes that from the Effective Date and thereafter during the Term <u>and even after expiry of the Term</u> , it shall keep indemnified and otherwise saved and harmless the Indemnified Parties from and against any and all third party claims for Liabilities, demands made against and/or loss caused and/or the damages suffered and/or cost, charges/expenses incurred or put to and/or penalty levied and/or any claim due to injury or death of any person and/or loss or damage caused or suffered to any property owned or belonging to Authority, their agents and employees or third party as a result of any acts, deeds or thing done or omitted to be done by SI (or any personnel, agent, representative, or Sub-Contractors thereof) or on the failure of the SI to perform any of its statutory duty and/or obligations or failure or negligence on the part of SI to comply with any applicable Laws applicable to the SI as an IT Service Provider or applicable Permits or as a consequence of any notice, show cause notice, action, suit or proceedings, given, initiated, filed or commenced by any third party (including end users or Government Authority) or as a result of any failure or negligence or default of the SI or the Sub-Contractors and/or their invitees as the case may be, in connection with or arising out of the Agreement or arising out of or	Indemnity: The SI hereby indemnifies and agrees and undertakes that from the Effective Date and thereafter during the Term of the Project , it shall keep indemnified and otherwise saved and harmless the Indemnified Parties from and against any and all third party claims for Liabilities, demands made against and/or loss caused and/or the damages suffered and/or cost, charges/expenses incurred or put to and/or penalty levied and/or any claim due to injury or death of any person and/or loss or damage caused or suffered to any property owned or belonging to Authority, their agents and employees or third party as a result of any acts, deeds or thing done or omitted to be done by SI (or any personnel, agent, representative, or Sub-Contractors thereof) or on the failure of the SI to perform any of its statutory duty and/or obligations or failure or negligence on the part of SI to comply with any applicable Laws applicable to the SI as an IT Service Provider or applicable Permits or as a consequence of any notice, show cause notice, action, suit or proceedings, given, initiated, filed or commenced by any third party (including end users or Government Authority) or as a result of any failure or negligence or default of the SI or the Sub-Contractors and/or their invitees as the case may be, in connection with or arising out of the Agreement or arising out of or in connection with SI's use and occupation of the Site located thereon. Notwithstanding anything to the contrary contained herein, in no event, SI shall be liable to indemnify the Authority for any matter arising out of or in connection with the Agreement in respect of any indirect or consequential loss, including loss of profit, suffered by the Authority .	It should be redrafted in conjunction with clause no. 32. Currently it is only talks about Indemnity from SI.	Please refer corrigendum
1317	Volume 3	34. Design Warranties	26	34.1.7 All Goods supplied by the SI under the Agreement shall be maintained through Annual Maintenance Contracts (AMC), with the original equipment manufacturer (OEM), outlining regular check-ups and routine work to regulate the performance and quality output. SI shall enter into such AMCs for an efficient upkeep of the equipment and installations. SI will indemnify the Authority that all the machines and equipment will remain functional during the contractual period.	Since project is awarded to SI and it is the responsibility of a SI to execute the project and to carry out the project during O&M. The OEMs T&C are confidentially decided between SI and OEMs separately and are independent to project T&C. There are SLA's defined in the RFP document and the SI will have to adhere to the same irrespective of Bidder's arrangement with OEM. So we request to remove this statement.		Please refer corrigendum
1318	Volume III	37. Term and Extension of the Agreement	27	If any delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in obtaining Applicable Permits/Approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time/ Term, upon a request being made by SI in writing at least three months in advance shall be granted by the Authority in writing.	High Importance. There may be situations out of control of the SI which happen immediately and the SI is unable to provide 3 months advance notice to the Authority. Kindly revise the 3 months period to an acceptable and lesser period.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1319	Volume III	37. Term and Extension of the Agreement	27	37.3 Notwithstanding what has been stated under Article 34.2, the Authority shall reserve the sole right to grant any such extension to the Term above mentioned and shall notify in writing to SI, at least 3 (three) months before the expiration of the Term hereof, whether it shall grant SI an extension of the Term or not. The decision to grant or refuse the extension of the Term shall be at the Authority's sole discretion and such extension of the Agreement, if any, shall be as per terms agreed mutually between the Parties. 37.4 Where the Authority is of the view that no further extension of the Term should be granted to SI, the Authority shall notify SI of its decision at least 3 (three) months prior to the expiry of the Term. Upon receipt of such notice, SI shall continue to perform all its obligations hereunder till the duration of the Term. During the notice period,	High Importance The extension should without any doubt be granted to situations covered in clause 37.2 as those incidents are beyond the SI's control. SI cannot be held liable for any delay due to reasons beyond SI's control. Any Replacement Service Provider shall be appointed at the sole risk and cost of the Authority. Kindly delete these clauses entirely.		Please refer corrigendum
1320	Volume III	37. Term and Extension of the Agreement	27	37.5 In the event of any failure or delay by Authority to hand over the right of way to the Site or Approvals to the SI, such failure or delay shall in no way affect or vitiate the Agreement or alter the character thereof or entitle the SI to damages or compensation thereof, but in any such case, Authority may grant such extension or extensions of the Completion Date, as may be considered reasonable.	High Importance Any delay by the Authority should be compensated for to the SI as it will be an additional cost and exposure for the SI due to reasons attributable to the Authority. Revised clause: "37.5 In the event of any failure or delay by Authority to hand over the right of way to the Site or Approvals to the SI, such failure or delay shall in no way affect or vitiate the Agreement or alter the character thereof or entitle the SI to damages or compensation thereof, but in any such case, Authority shall may grant such extension or extensions of the Completion Date, as may be considered reasonable by both the parties."		Please refer corrigendum
1321	Volume 3	37. Term and Extension of the Agreement	28	37.5 In the event of any failure or delay by Authority to hand over the right of way to the Site or Approvals to the SI, such failure or delay shall in no way affect or vitiate the Agreement or alter the character thereof or entitle the SI to damages or compensation thereof, but in any such case, Authority may grant such extension or extensions of the Completion Date, as may be considered reasonable.	We request the authority to compensate the SI as per actual if there is a failure / delay in giving Right of way to the site or approval to the SI, because SI has to mobilize its team / resources for implementation and any delays in obtaining clearance for RoW will have implication on SI. So the same should be appropriately compensated.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1322	Vol III	37	27	Term & Extension of the Agreement: The Agreement Term/period shall commence from the date of signing of Agreement or issuance of letter of intent/letter of award, whichever is earlier , and shall remain valid for 60 (Sixty) months from the date of start of O&M of the final phase of implementation milestone as defined in Section 2.4 of Part 1, Volume II, (hereinafter "Term"). SI shall complete all Works stipulated under the Agreement within the time period specified under this Article.	Term & Extension of the Agreement: The Agreement Term/period shall commence from the date of signing of Agreement or issuance of letter of intent/letter of award, whichever is Later , and shall remain valid for 60 (Sixty) months from the date of start of O&M of the final phase of implementation milestone as defined in Section 2.4 of Part 1, Volume II, (hereinafter "Term"). SI shall complete all Works stipulated under the Agreement within the time period specified under this Article.	Letter of Intent does not have any binding on the Customer/SI. So effective date should be that of the Agreement Date	Please refer corrigendum
1323	Vol III	37.2	27	If any delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in obtaining Applicable Permits/Approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time/ Term, upon a request being made by SI in writing at least three months in advance shall be granted by the Authority in writing.	If any delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in obtaining Applicable Permits/Approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time/ Term, upon a request being made by SI in writing at least 2 Weeks in advance shall be granted by the Authority in writing.	The delay on account of the above mentioned cases can't be anticipated 3 months in advance to give a request to the customer. Kindly reduce the period of request to 2 Weeks	Please refer corrigendum
1324	Volume III	38. Dispute Resolution	29	vii. If the Arbitrator so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the Authority to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both Parties consent for the same; otherwise, he shall proceed de novo. viii. It is a term of the Agreement that the Party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter. ix. It is also a term of the Agreement that neither Party to the Agreement shall be entitled for any interest on the amount of the award. x. The Arbitrator shall give reasoned award and the same shall be final, conclusive and binding on the Parties. xi. The fees of the arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the Parties.	High Importance Revision of the clause is suggested to protect the rights of both the parties. Revised clause: "vii. If the Arbitrator so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the party who had made the first appointment Authority to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both Parties consent for the same; otherwise, he shall proceed de novo. viii. It is a term of the Agreement that the Party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter. ix. It is also a term of the Agreement that neither Party to the Agreement shall be entitled for any interest on the amount of the award. x. The Arbitrator shall give reasoned award and the same shall be final, conclusive and binding on the Parties. xi. The fees of the arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the Parties."		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1325	Volume III	40. Publicity	29	SI shall not make or permit to be made a public announcement or media release about any aspect of this Agreement unless the Authority first gives SI its written consent	High Importance. Modification requested to make the clause mutual and beneficial to both the parties. "Neither Party SI shall not make or permit to be made a public announcement or media release about any aspect of this Agreement unless the one of the Party Authority first gives SI its written consent"		Please refer corrigendum
1326	Volume III	41. Force Majeure	29	Force Majeure Event" includes the following events and/ or circumstances to the extent that they or their consequences satisfy the requirements set forth in Article 38.2: war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy in each case involving or directly affecting the Project Land; b) revolution, riot, insurrection or other civil commotion, act of terrorism or sabotage in each case within the Project Land or near vicinity; c) nuclear explosion, radioactive or chemical contamination or ionizing radiation directly affecting the Project Land and/or the Assets, unless the source or cause of the explosion, contamination, radiation or hazardous thing is brought to or near the Project Land by the Developer or any Affiliate of the Developer or any Sub-Contractor of the Developer or any of their respective employees, servants or agents; d) strikes, working to rule, go-slows and/or lockouts which are in each case widespread, nationwide or political and affects the Project Land; e) any effect of the natural elements, including lighting, fire, earthquake,	High Importance. Modification requested to include covid 19 and quarantine restrictions undet the purview of this definition. Revised clause as- "Force Majeure Event" includes the following events and/ or circumstances to the extent that they or their consequences satisfy the requirements set forth in Article 38.2: war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy in each case involving or directly affecting the Project Land; b) revolution, riot, insurrection or other civil commotion, act of terrorism or sabotage in each case within the Project Land or near vicinity; c) nuclear explosion, radioactive or chemical contamination or ionizing radiation directly affecting the Project Land and/or the Assets, unless the source or cause of the explosion, contamination, radiation or hazardous thing is brought to or near the Project Land by the Developer or any Affiliate of the Developer or any Sub-Contractor of the Developer or any of their respective employees, servants or agents; d) strikes, working to rule, go-slows and/or lockouts which are in each case widespread, nationwide or political and affects the Project Land; e) any effect of the natural elements, including lighting, fire, earthquake, unprecedented rains, tidal wave, flood, storm, cyclone, typhoon or tornado, within the Project Land or near vicinity; f) explosion (other than a nuclear explosion or an explosion resulting from an act of war) within the Project Land or near vicinity;		Please refer corrigendum
1327	Volume III	45.Exit Management Plan	33	Certificate of acceptance from authorized representative of Replacement Service Provider issued to SI on successful completion of handover and knowledge transfer	High Importane This should be deleted as three months prescribed should be the only period to provide handover and in the event that the Replacement Service Provider does not issue this Certificate to the SI it will lead to huge financial losses to the SI		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1328	Volume-III - Master Service Agreement	46	34	46.Performance Security SI shall furnish Performance Security to the Authority at the time of signing the Contract which shall be equal to 5% of the value of the Contract and shall be in the form of a Bank Guarantee from a Nationalized / Scheduled Bank having branch at Secunderabad in the Proforma given in Annexure 5 (a) RFP volume I within 15 days after issuance of letter of intent (LOI) or Letter of Award (LOA) which would be valid up to a period of six months (6) after the contract completion period i.e., 'Go- Live' + 60 months of O&M. The Performance Bank Guarantee shall be encashed by the Authority in the event of SI's failure to complete obligations or breach by SI of any of the terms and conditions of the Agreement.	<p>We request you to accept the following change:</p> <p>"46.Performance Security SI shall furnish Performance Security to the Authority at the time of signing the Contract which shall be equal to 5% of the value of the CAPEX Contract and shall be in the form of a Bank Guarantee from a Nationalized / Scheduled Bank having branch at Secunderabad in the Proforma given in Annexure 5 (a) RFP volume I within 15 days after issuance of letter of intent (LOI) or Letter of Award (LOA) which would be valid up to a period of six months (6) after the CAPEX contract completion period.</p> <p>SI shall furnish additional Performance Security to the Authority after GO-LIVE which shall be equal to 5% of the value of the OPEX and shall be in the form of a Bank Guarantee from a Nationalized / Scheduled Bank having branch at Secunderabad in the Proforma given in Annexure 5 (a) RFP volume I within 15 days after GO-LIVE which would be valid up to a period of six months (6) after the contract completion period. i.e., 'Go- Live' + 60 months of O&M.</p> <p>The Performance Bank Guarantee shall be encashed by the Authority in the event of SI's failure to complete obligations or breach by SI of any of the terms and conditions of the Agreement."</p>		Please refer corrigendum
1329	Vol III	46		Perfiranace Security: SI shall furnish Performance Security to the Authority at the time of signing theContract which shall be equal to 5% of the value of the Contract and shall be in the form of a Bank Guarantee from a Nationalized / Scheduled Bank having branch at Secunderabad in the Proforma given in Annexure 5 (a) RFP volume I within 15 days after issuance of letter of intent (LOI) or Letter of Award (LOA) which would be valid up to a period of six months (6) after the contract completion period i.e., 'Go- Live'+ 60 months of O&M.			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1330	Volume III	47.Liquidated Damages	34	<p>47.Liquidated Damages</p> <p>47.1 If SI fails to supply, install or maintain any or all of the Goods or fails to complete the Works or fails to provide the Services as per the Agreement, within the time period(s) specified in the RFP Vol II, the Authority without prejudice to its other rights and remedies under the Agreement.</p> <p>47.2 The deduction shall not in any case exceed 10 % of 1.5 times the value of Performance Guarantee and upon reaching such limit, the Authority shall, in its sole discretion, be entitled to terminate the Agreement. The Authority may without prejudice to its right to effect recovery by any other method, deduct the amount of liquidated damages from any payments due to SI in its hands (which includes the Authority's right to claim such amount against SI's Bank Guarantee) or which may become due to SI at a prospective date. Any such recovery or liquidated damages shall not in any way relieve SI from any of its obligations to complete the Work or from any other obligations and liabilities under the Agreement.</p> <p>47.3 Delay not attributable to SI shall be considered for exclusion for the purpose of</p>	<p>High Importance. The clause 47.1 is incomplete and the same needs to be clearly defined to limit the financial exposure of the SI. Further, please ensure that the LD does not exceed 5 % of delayed value of the deliverables and the SI shall only be liable for delays solely attributable to the SI. The clause 47.2 needs to be revised to limit the threshold to 5% of the delayed value of the deliverables. Kindly revise the clause in totality as per the requirements.</p>		Please refer corrigendum
1331	Volume 3	47.Liquidated Damages	34	<p>47.2 The deduction shall not in any case exceed 10 % of 1.5 times the value of Performance Guarantee and upon reaching such limit, the Authority shall, in its sole discretion, be entitled to terminate the Agreement. The Authority may without prejudice to its right to effect recovery by any other method, deduct the amount of liquidated damages from any payments due to SI in its hands (which includes the Authority's right to claim such amount against SI's Bank Guarantee) or which may become due to SI at a prospective date. Any such recovery or liquidated damages shall not in any way relieve SI from any of its obligations to complete the Work or from any other obligations and liabilities under the Agreement.</p>	<p>The LDs are generally capped on 10% of the total contract value. The limit of 10% of 1.5 times of PG, comes out to be 0.75%. So , we request to revise this as per the same.</p> <p>Recommended for Revision:</p> <p>47.2 The deduction shall not in any case exceed 10 % the total contract value and upon reaching such limit, the Authority shall, in its sole discretion, be entitled to terminate the Agreement. The Authority may without prejudice to its right to effect recovery by any other method, deduct the amount of liquidated damages from any payments due to SI in its hands (which includes the Authority's right to claim such amount against SI's Bank Guarantee) or which may become due to SI at a prospective date. Any such recovery or liquidated damages shall not in any way relieve SI from any of its obligations to complete the Work or from any other obligations and liabilities under the Agreement.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1332	Volume III - Master Service Agreement	48. Limitation of Liability 48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions	34	<p>48.Limitation of Liability</p> <p>48.1 Notwithstanding anything to the contrary in this Agreement, the liability of one Part towards the other Party for any damages or compensation of any nature whatsoever under this Agreement, shall not exceed Total Project Cost. For avoidance of doubt, the limitation hereunder shall not apply to any or all liabilities in respect of third parties. The Parties agree that the SI's liability will be uncapped in case of any liabilities arising due to:</p> <p>48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions</p> <p>48.1.2 or fraud, gross negligence and wilful misconduct;</p> <p>48.1.3 breach of any Applicable Laws or any Applicable Permits;</p> <p>48.1.4 any claims or loss on account of Intellectual Property rights violation by the SI;</p> <p>48.1.5 any personal bodily injury or death of any person caused by, arising out of or in connection with its performance of this Agreement; or</p> <p>48.1.6 any loss of or physical damage to property of the Authority or any third party caused by, arising out of or in connection with the performance of this Agreement.</p> <p>48.2 The provisions of this Article 45 shall survive</p>	<p>Clause 48.1.1 entails unlimited liability of SI whereas Clause 48.1 in its opening lines cap the liability of SI to the extent of total project cost. We understand both are contradictory in nature as any damages or compensation of any nature whatsoever under this Agreement arises only due to acts or omissions of the SI.</p>		<p>Please refer corrigendum</p>

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1333	Volume III	48.Limitation of Liability	34	Notwithstanding anything to the contrary in this Agreement, the liability of one Party towards the other Party for any damages or compensation of any nature whatsoever under this Agreement, shall not exceed Total Project Cost. For avoidance of doubt, the limitation hereunder shall not apply to any or all liabilities in respect of third parties. The Parties agree that the SI's liability will be uncapped in case of any liabilities arising due to: 48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions 48.1.2 or fraud, gross negligence and wilful misconduct; 48.1.3 breach of any Applicable Laws or any Applicable Permits; 48.1.4 any claims or loss on account of Intellectual Property rights violation by the SI; 48.1.5 any personal bodily injury or death of any person caused by, arising out of or in connection with its performance of this Agreement; or 48.1.6 any loss of or physical damage to property of the Authority or any third party caused by, arising out of or in connection with the performance of this Agreement	High Importance The clause has been revised to limit the financial exposure of the SI. An SI cannot agree to an uncapped liability and thus the clause needs to be revised. Revised clause is as below: " Notwithstanding anything to the contrary in this Agreement, the liability of one Party towards the other Party for any direct damages or compensation of any nature whatsoever under this Agreement, shall not exceed Total Project Cost. For avoidance of doubt, the limitation hereunder shall not apply to any or all liabilities in respect of third parties. The Parties agree that the SI's liability will be uncapped in case of any direct liabilities arising due to: 48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions 48.1.2 or fraud, gross negligence and wilful misconduct; 48.1.3 breach of any Applicable Laws or any Applicable Permits; 48.1.4 any claims or loss on account of Intellectual Property rights violation by the SI; 48.1.5 any personal bodily injury or death of any person caused by, arising out of or in connection with its performance of this Agreement; or 48.1.6 any direct loss of or physical damage to property of the Authority or any third party caused by, arising out of or in connection with the performance of this Agreement"		Please refer corrigendum
1334	Volume 3	48.Limitation of Liability	35	48.2 The provisions of this Article 45 shall survive Termination	Article 45 mentioned in S.No 48.2 is typo error so requesting to change it to Article 48		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1335	Vol III	48	34	<p>Limitation of Liability: Notwithstanding anything to the contrary in this Agreement, the liability of one Party towards the other Party for any damages or compensation of any nature whatsoever under this Agreement, shall not exceed Total Project Cost. For avoidance of doubt, the limitation hereunder shall not apply to any or all liabilities in respect of third parties. The Parties agree that the SI's liability will be uncapped in case of any liabilities arising due to:</p> <p>48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions</p> <p>48.1.2 or fraud, gross negligence and wilful misconduct;</p> <p>48.1.3 breach of any Applicable Laws or any Applicable Permits;</p> <p>48.1.4 any claims or loss on account of Intellectual Property rights violation by the SI;</p> <p>48.1.5 any personal bodily injury or death of any person caused by, arising out of or in connection with its performance of this Agreement; or</p> <p>48.1.6 any loss of or physical damage to property of the Authority or any third party caused by, arising out of or in connection with the performance of this Agreement.</p> <p>48.2 The provisions of this Article 45 shall survive Termination.</p>	<p>Limitation of Liability: Notwithstanding anything to the contrary in this Agreement, the liability of one Party towards the other Party for any damages or compensation of any nature whatsoever under this Agreement, shall not exceed Total Project Cost. For avoidance of doubt, the limitation hereunder shall not apply to any or all liabilities in respect of third parties. The Parties agree that the SI's liability will be uncapped in case of any liabilities arising due to:</p> <p>48.1.1 any amount payable as indemnity to the Authority due to its acts or omissions</p> <p>48.1.2 or fraud, gross negligence and wilful misconduct;</p> <p>48.1.4 any claims or loss on account of Intellectual Property rights violation by the SI on Developed Materials as mentioned in clause no. 29.3</p> <p>48.1.5 any personal bodily injury or death of any person caused by, arising out of or in connection with its performance of this Agreement; or</p> <p>48.1.6 any loss of or physical damage to property of the Authority or any third party caused by, arising out of or in connection with the performance of this Agreement.</p> <p>48.2 The provisions of this Article 45 shall survive Termination.</p>		Please refer corrigendum
1336	Volume III	49.Ownership and Retention of Documents	34	<p>49.1 The Authority shall own the Document(s), prepared by or for SI arising out of or in connection with the Agreement.</p> <p>49.2 Forthwith upon expiry or earlier termination of this Agreement and at any other time on demand by the Authority, SI shall deliver to the Authority all Documents provided by or originating from the Authority and all Documents produced by or for SI in the course of performing the Services, unless otherwise directed in writing by the Authority at no additional cost. SI shall not, without the prior written consent of the Authority store, copy, distribute or retain any such Documents</p>	<p>High Importance. Modification requested as follows in order to secure the business interests of the SI. Revised clause is as follows: "- 49.1 The Authority shall own the Document(s), prepared by or for SI arising out of or in connection with the Agreement.</p> <p>49.2 Forthwith upon expiry or earlier termination of this Agreement and at any other time on demand by the Authority, SI shall deliver to the Authority all Documents provided by or originating from the Authority and all Documents produced by or for SI in the course of performing the Services, unless otherwise directed in writing by the Authority at no additional cost. SI shall not, without the prior written consent of the Authority store, copy, distribute or retain any such Documents"</p>		Please refer corrigendum
1337	Volume 3	50.Information Security	35	<p>50.1 SI shall not carry any written/printed document, layout diagrams, compact disk, hard disk, storage tapes, other storage devices or any other goods/material proprietary to Authority into/out of any Project Location without written permission from the Authority.</p>	<p>The requirement is un reasonable to impose such restrictions on SI as SI will be the one preparing system design and its related documents, layouts, drawings, diagrams etc. We request to delete this requirement.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1338	Volume III	53. Confidentiality	36	<p>53.1 SI shall not, either during the Term or after expiration of the Agreement, disclose any proprietary or Confidential Information relating to the Services/Agreement and/or Authority's business/operations, information, application/software, hardware, business data, architecture schematics, designs, storage media and other information/documents without the prior written consent of the Authority.</p> <p>53.2 The Authority reserves the right to adopt legal proceedings, civil or criminal, against SI in relation to a breach of obligation by SI under this Article.</p> <p>53.3 SI shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidentiality agreement with the Authority to the satisfaction of the Authority.</p> <p>53.4 SI shall notify the Authority promptly if it is aware of any unauthorized disclosure of the Confidential Information otherwise than as permitted by the Agreement or with the authority of the Authority.</p> <p>53.5 SI shall be liable to fully recompense the Authority for any loss of revenue arising from breach of confidentiality.</p>	<p>High Importance. The clause has been modified to secure the Confidential Information of the SI also and make the clause mutual. Revised Clause: "53.1 Neither Party SI shall not, either during the Term or after expiration of the Agreement, disclose any proprietary or Confidential Information relating to the Services/Agreement and/or Authority's business/operations, information, application/software, hardware, business data, architecture schematics, designs, storage media and other information/documents without the prior written consent of the disclosing Party. Authority.</p> <p>53.2 The Authority reserves the right to adopt legal proceedings, civil or criminal, against SI in relation to a breach of obligation by SI under this Article.</p> <p>53.3 Both Parties SI shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidentiality agreement with the Authority to the satisfaction of the Authority.</p> <p>53.4 Either Party SI shall notify the other Party Authority promptly if it is aware of any unauthorized disclosure of the Confidential Information otherwise than as permitted by the Agreement or with the authority of the Authority.</p> <p>53.5 SI shall be liable to fully recompense the Authority for any loss of revenue arising from breach of confidentiality."</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1339	Volume III	54.Events of Default	37		<p>High Importance. Authority is requested to also add a clause 54.2 - Events of Default by Authority as only the events of Default by SI are mentioned in the RFP under clause 54.1. Thus, request to kindly include another clause. The clause to be added is as below: "Events of Default by Authority 54.2 In the event that the any of the following events of default shall have occurred, the Authority shall be deemed to be in default of the Agreement ("Event of Default"), save and except to the extent that the same is attributable to a Force Majeure Event, which, if not remedied within the Cure Period upon receipt of Notice of Intention to Terminate from SI, shall provide SI the right to terminate this Agreement. The defaults referred to above shall mean the following default of obligations of the Authority under the Agreement:</p> <ul style="list-style-type: none"> a. The Authority becomes bankrupt or insolvent; b. The Authority is under liquidation. d. The Authority abandons the Agreement; e. The Authority breached or / and contravenes any provision of the Agreement. f. The Authority does or permits to do any act, matter, deed or thing in violation of Applicable Law and/or Applicable Permits. 54.2 Where there has been an occurrence of such defaults inter alia as stated above, the non breaching Party Authority shall issue a notice of default to the breaching party SI, setting out specific defaults/deviances/omissions/non-compliances/non-performances and providing a notice of Cure Period to enable the breaching Party SI to rectify such default committed. <p>54.3 Where despite the issuance of a default notice to SI, the breaching Party SI fails to rectify the default.</p>		Please refer corrigendum
1340	Vol III	54	37	Events of Default -by the Authority- New Clause	Events of Default-by the Authority - New Clause- 48.2.1 Failure to release the payments to SI as per the payment terms mentioned in the Agreement. 48.2.2 - Failure to provide the site ready in line with the implementation time period mentioned in the Agreement.		Please refer corrigendum
1341	Volume III	55.Termination	38	Without prejudice to any other rights or remedies which the non-defaulting Party may have under the Agreement or under the Applicable Laws, upon the occurrence of either an Event of Default SI, the SI shall be liable for the breach caused and consequences thereof and the Authority shall have the right to issue a Notice of Intention to Terminate. Upon the issuance of a Notice of Intention to Terminate, the SI shall have the right to rectify or cure the breach within the Cure Period. If the breach is not rectified by the SI within the Cure Period, the Authority shall have the right to terminate the Agreement by issuance of a Termination Notice.	<p>High Importance. Request the Authority to kindly modify the clause on mutual terms as both the Parties should have Termination right with a prior written notice. Modification requested as follows-Without prejudice to any other rights or remedies which the non-defaulting Party may have under the Agreement or under the Applicable Laws, upon the occurrence of either an Event of Default SI, the Defaulting Party SI shall be liable for the breach aused and consequences thereof and the Non-Defaulting Party Authority shall have the right to icssue a prior written Notice of Intention to Terminate. Upon the issuance of a Notice of Intention to Terminate, the Defaulting Party SI shall have the right to rectify or cure the breach within the Cure Period. If the breach is not rectified by the Defaulting Party SI within the Cure Period, the Non-Defaulting Party Authority shall have the right to terminate the Agreement by issuance of a Termination Notice.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1342	Volume 3	55. Termination	38	<p>55.2 Termination by Authority</p> <p>The Authority may, terminate the Agreement in whole or in under the following circumstances:</p> <p>a. Where the Authority is of the opinion that there has been such Event of Default on the part of SI/SI's Team which would make it proper and necessary to terminate the Agreement and may include failure on the part of SI to adhere to any part of its obligations under its Bid, the RFP or under the Agreement.</p> <p>b. Where it comes to the Authority's attention that SI (or SI's Team) is in a position of actual conflict of interest with the interests of the Authority, in relation to any of terms of SI's Bid, the RFP or the Agreement.</p> <p>c. Where SI's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against SI, any failure by SI to pay any of its dues to its creditors, the institution of any winding up proceedings against SI or the happening of any such events that are averse to the commercial viability of SI. In the event of the happening of any events of the above nature, the Authority shall reserve the right to take any steps as are necessary, to ensure the effective transition of the sites, pilot site to a successor agency, and to ensure business continuity.</p>	<p>The termination clauses, so mentioned in RFP are one sided favoring Authority only in all aspects. There should be termination by Bidder on account of following circumstances:</p> <p>a. non-payments by Authority within 30 days of submission of invoices along with all supporting documents.</p> <p>b. Where Authority is unable to give clearance for execution of work or RoW or approvals on documents and requests submitted by SI beyond a period of 30 days after SI making such request.</p> <p>c. Where Authority is unable to provide information and approvals required by SI from various stakeholders related to this project in order to complete system design, integration and/or execution of the project beyond a period of 30 days after SI making such request.</p> <p>We hereby request you to include above clauses to make it a neutral Contract for both Parties.</p>		Please refer corrigendum
1343	Vol III	55	38	<p>Termination by the SI - New Clause</p>	<p>The SI may suspend or terminate the Agreement in whole or in part under the following circumstances 55.3.1 Failure to release the payments to SI as per the payment terms mentioned in the Agreement. 55.3.1 - Failure to provide the site readiness in spite of repeated reminders.</p>		Please refer corrigendum
1344	Volume III	55.2 Termination by Authority	38	<p>Termination for Insolvency: The Authority may at any time terminate the Agreement by giving written notice to SI, without compensation to SI, if SI becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Authority</p>	<p>High Importance. Request the Authority to kindly modify the clause and make it mutual. Revised clause: " Termination for Insolvency: Either Party The Authority may at any time terminate the Agreement by giving written notice to other SI, without compensation to SI, if a Party SI becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Authority."</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1345	Volume III	56.Consequence of Termination	39	<p>a. In the event of termination of this Agreement, Authority shall pay a Termination Payment to SI as follows after recovering the outstanding dues if any, toward the Authority, any claims for losses/damages suffered by Authority due to any action by the SI or its Sub Contractors/ Sub-Lesseees:</p> <p>b. In the event of Termination before the Appointed Date, no payment shall be paid by the Authority to SI till the date of Termination.</p> <p>c. In the event of Termination after the Appointed Date, the Authority shall pay to SI, an amount for goods delivered and services and accepted by the Authority and rendered satisfactorily as per the Payment Schedule, till the date of Termination.</p>	<p>High Importance Clause has been revised to limit the financial exposure of the SI and secure all payments to be paid to the SI. "a. In the event of termination of this Agreement, Authority shall pay a Termination Payment to SI as follows after recovering the outstanding dues if any, toward the Authority, any claims for losses/damages suffered by Authority due to any action by the SI or its Sub Contractors/ Sub-Lesseees:</p> <p>b. In the event of Termination before the Appointed Date, no payment shall be paid by the Authority to SI till the date of Termination.</p> <p>c. In the event of Termination after the Appointed Date, the Authority shall pay to SI, an amount for goods delivered and services and accepted by the Authority and rendered satisfactorily as per the Payment Schedule, till the date of Termination. within 15 days of such termination for the value of the work already delivered and all the work that has been carried out by the SI but not delivered till the date of termination and the expenses incurred by SI up to and including the effective date of the termination . "</p>		Please refer corrigendum
1346	Volume III	56.Consequence of Termination, e	39	Without prejudice to any other rights, the Authority may retain such amounts from the payment due and payable by the Authority to SI as may be required to offset any losses caused to the Authority as a result of any acts of omissions or commission by SI. In case of any loss or damage due to default or inability on the part of SI in performing any of its obligations with regard to executing the Schedule of Requirements under the Agreement, SI shall compensate the Authority for any such loss, damages or other costs, incurred by the Authority.	High Importance. Modification requested as this clause is required to be deleted to limit the SI's financial exposure .		Please refer corrigendum
1347	Volume III	56.Consequence of Termination, f	39	In case the Agreement is terminated due to Event of Default by SI, Authority shall have the right to invoke the Performance Guarantee	High Importance. Modification requested as this clause is required to be deleted to limit the SI's financial exposure .		Please refer corrigendum
1348	Volume III	56.Consequence of Termination, h	39	Upon termination or after expiration of Agreement, SI shall forthwith return to the Authority, all papers, material and other properties held by/provided to SI during the Term of the Agreement, including all Confidential Information and proprietary information provided to SI for its use during the Project.	High Importance Kindly make this clause mutual in order to secure the confidential information of the SI as well.		Please refer corrigendum
1349	Vol III	56	38	Consequence of Termination:	In the event of termination of this Agreement by SI, Authority will release all the pending payments and cost of all the materials & Services that are accepted, installed, or Ordered and ready to be delivered at Customers' site along with the Performance Security.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1350	Volume III	57.Miscellaneous, b	39	SI or any of its Affiliates shall not directly or indirectly, solicit for employment or engagement any employees of the Authority. The provisions of this Article shall be applicable during the Term of the Agreement and shall survive the termination of the Agreement for a period of 2 years from the date of termination. In addition, SI shall not proceed to conduct operations/business similar to the Authority with any employee and/or consultant of the Authority who has knowledge of the Confidential Information, without the prior written consent of the Authority	High Importance. We cannot take liability o confirmation for our affiliates also . Accordingly, clause modification requested as- SI or any of its Affiliates shall not directly or indirectly, solicit for employment or engagement any employees of the Authority. The provisions of this Article shall be applicable during the Term of the Agreement and shall survive the termination of the Agreement for a period of 2 years from the date of termination. In addition, SI shall not proceed to conduct operations/business similar to the Authority with any employee and/or consultant of the Authority who has knowledge of the Confidential Information, without the prior written consent of the Authority		Please refer corrigendum
1351	Volume III	64.Measurement of SLA	46	b) Maximum Penalty applicable for any quarter shall not exceed 30% of the 'payment due' for the respective quarter. c) Three consecutive quarterly deductions of 30 % of the payment due on account of any reasons shall be deemed to be an event of default and termination as per Article 52 of this Agreement respectively and the consequences as provided in Article 53. d) The payment to the SI shall be on Quarterly basis however the penalty shall be calculated on monthly basis as per the SLAs stated in the Annexure IV of this Agreement.	High Importance The Maximum penalty in this clause seems to be very high. Kindly reduce the same. Further the point d needs to be deleted to limit the financial exposure of the SI.		Please refer corrigendum
1352	Vol III	64	47	b)Measurement of SLA: Maximum Penalty applicable for any quarter shall not exceed 30% of the 'payment due' for the respective quarter.	b)Measurement of SLA: Maximum Penalty applicable for any quarter shall not exceed 20% of the 'payment due' for the respective quarter.		Please refer corrigendum
1353	Volume 3	65.Conditions for No Penalties	49	iii. Theft cases by default/vandalism would not be considered as "beyond the control of SI". Hence, the SI should be taking adequate anti-theft measures, spares strategy, Insurance as required to maintain the desired Required SLA.	Theft are beyond control of SI or authority and its an open ended statement to maintain anti-theft measures by SI, pls clarify the anti theft measures and quantify the spares to consider on account of anti theft measures and we request not to consider the SLA downtime caused due to theft of material. Theft cases and its recovery is to be dealt separately by SI under insurance and during such period SLA should not be made applicable on SI.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1354	Volume III, 14 in Volume I and page 6 in volume III	Eligible Bidders - Clause 2.1.2 in volume 1 and Clause 1.22		<p>Clause 2.1.2 – “Consortium” - Maximum 2 Bidder, are allowed in the consortium including Lead Bidder.</p> <p>Clause 1.22 - “Consortium Member(s)” means each entity/member who have come together to form the consortium for the purposes of submitting a joint bid in response to this RFP.</p>	<p>Modification sought: The number of consortium members to be made as three instead of two.</p> <p>Supporting Contentions: As per clause 1.22 in Volume III of the RFP document, the word “Consortium members” is defined as “each entity/member who have come together to form the consortium for the purposes of submitting a joint bid in response to this RFP.”. As per this definition, to form a consortium, minimum two entity/members are required. In contrast to this definition, in clause 2.1.2 (Eligible Bidders), it is mentioned that Maximum 2 Bidder, are allowed in the consortium including Lead Bidder. Hence, It is unfair to limit the consortium members to two, as minimum members required to form a consortium itself is two and so two members cannot be a maximum number in a consortium.</p>		Please refer corrigendum
1355	Volume III - Master Service Agreement	PART C – SERVICE LEVELS 64.Measurement of SLA	47	b) Maximum Penalty applicable for any quarter shall not exceed 30% of the ‘payment due’ for the respective quarter.	<p>The maximum penalty for SLA breach during O&M phase is extremely high and not in line with the industry practice or benchmarks set by MoUD, JICA, ADB, World Bank, FIDIC. Smart City projects like Dholera Industrial City Development Limited (DICDL), Aligarh Smart City, Moradabad Smart City and Saharanpur Smart City have capped maximum penalty @ 10% of the OPEX value for each quarter.</p> <p>We request RailTel to kindly aligned the % of maximum penalty with industry practice.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1360	Vol III	Availability of Fixed ICCC infrastructure including:	67	1. Semi dome Cameras 2. Phones 3. Biometric access control system 4. Headphone 5. Microphone 6. IP PABX	Request to amend the target - quarterly basis		Please refer corrigendum
1361	Vol III	Availability of Mobile C&CC Infrastructure including:	68	1. Workstation 2. Camera 3. UPS/DG set etc.	Request to amend the target - quarterly basis		Please refer corrigendum
1362	Vol III	Availability of ICCC infrastructure	80	1. Workstations 2. Video wall	Request to amend the target - quarterly basis		Please refer corrigendum
1363	Vol III	Network Availability between	84	a. Field device/unit and network Switch b. Network switch and optical Fiber c. Optical fiber to Switch at C&CC and DC	Request to amend the target - quarterly basis		Please refer corrigendum
1364	Vol III	Penalty for non-achievement of SLA Requirement	46	Any delay in the delivery of the Project Deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.2% of the CAPEX of Agreement value per week for first 8 weeks and 0.3% per week for every subsequent week. If the liquidated damage reaches 10% of the total Agreement value, Authority may invoke termination Article.	Kindly Amend as "Any delay in the delivery of the Project Deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.05% of the CAPEX of Agreement value per week for first 12 weeks and 0.1% per week for every subsequent week. If the liquidated damage reaches 20% of the total Agreement value, Authority may invoke termination Article.		Please refer corrigendum
1365	Vol III	Availability of Mobile C&CC Infrastructure including:	68	1. Workstation 2. Camera 3. UPS/DG set etc.	Request to amend the target - quarterly basis		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1366	Volume III	Annexure III: Non-Disclosure Agreement	54	Damages from such unauthorized disclosure or use may be impossible to measure accurately and injury sustained by Authority may be impossible to calculate and remedy fully. Recipient acknowledges that in the event of such a breach or threatened breach of any provision of this Agreement, Discloser shall be entitled to specific performance by Recipient of Recipient's obligations contained in this Agreement. Recipient shall indemnify, save, hold harmless and defend Discloser promptly upon demand and at its expense, at any given point in time from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively "Losses") to which Discloser may become subject to, in so far as such Losses arise out of, in any way relate to, or result from breach of obligations under this Agreement by Recipient . Such Party shall also be entitled, without the requirement of posting a bond or other security, to seek preliminary and final injunctive relief, as well as any and all other applicable remedies at law or equity, including the recovery of damages	High Importance. Modification requested as- Damages from such unauthorized disclosure or use may be impossible to measure accurately and injury sustained by Authority may be impossible to calculate and remedy fully. Defaulting Party Recipient acknowledges that in the event of such a breach or threatened breach of any provision of this Agreement, Discloser shall be entitled to specific performance by Recipient of Recipient's obligations contained in this Agreement.Both Parties Recipient shall indemnify, save, hold harmless and defend Discloser promptly upon demand and at its expense, at any given point in time from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively "Losses") to which Discloser may become subject to, in so far as such Losses arise out of, in any way relate to, or result from breach of obligations under this Agreement by Recipient . Such Party shall also be entitled, without the requirement of posting a bond or other security, to seek preliminary and final injunctive relief, as well as any and all other applicable remedies at law or equity, including the recovery of damages		Please refer corrigendum
1367	Volume 3	SLA for Video Analytics Performance	59	SLA for Video Analytics Performance ANPR for Standard Roman Number plates (2 wheelers & above): 80% accuracy-Rs. 1000/- per wrongly identified regd. Number plate below the prescribed limit of SLA 2. ANPR for Non-Standard Roman Number plates (2 wheelers & above): 60% accuracy-Rs. 500/- per wrongly identified regd. Number plate below the prescribed limit of SLA	The penalties are on higher side, So we request to revise the ANPR non performance SLA based on % accuracy in place of wrongly identified number plate. Requesting to revise the criteria as below: Recommended for Revision: SLA for Video Analytics Performance ANPR for Standard Roman Number plates (2 wheelers & above): 80% accuracy-Rs. 1000/- per percentage dropped in the accuracy below 80% 2. ANPR for Non-Standard Roman Number plates (2 wheelers & above): 60% accuracy-Rs. 500/- per percentage dropped in the accuracy below 60%		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1368	Volume 3	Miscellaneous SLAs # Parameter Metric	61	Miscellaneous SLAs: 1. Compliance in document versioning and maintenance (FRS, SRS, Business Blueprints, User Training Manual etc.), application version control, updates & patches etc. -Rs.5,000 per occurrence per day of delay. 2-Manpower Availability & Readiness-Rs 10,000 per day in case there is shortage in manpower deployment or lack of adequate skills 3. Scheduled downtime for System Maintenance per Week-Rs. 1,00,000 per occurrence for unscheduled downtime or scheduled downtimes exceeding the specified metric. 4. Resource Replacement-Rs. 5,000 per day of unavailability of resource 5. Application Security-Depending on the type of incident and its impact, a Penalty of 10% on the entire contract value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract	The SLA penalties are on higher side. requesting to relax it as per below: Recommended for Relaxation: 1. Compliance in document versioning and maintenance (FRS, SRS, Business Blueprints, User Training Manual etc.), application version control, updates & patches etc. -Rs.500 per occurrence per day of delay. 2-Manpower Availability & Readiness-Rs 500 per day in case there is shortage in manpower deployment or lack of adequate skills 3. Scheduled downtime for System Maintenance per Week-Rs. 500 per occurrence for unscheduled downtime or scheduled downtimes exceeding the specified metric. 4. Resource Replacement-Rs.100 per day of unavailability of resource 5. Application Security-Depending on the type of incident and its impact, a Penalty of 0.1% on the entire contract value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract		Please refer corrigendum
1369		6.2.19 IP Phones 1		In Display Request you to add support for 3.2" or Higher Color Display.			No change
1370		6.2.19 IP Phones 2		For Integral Switch - request you to ad support for 10/100/1000Base T Support			No change
1371		6.2.19 IP Phones 5		VoIP Protocol - Request you to add Support for SIP and H.323 Protocols			No change
1372		6.2.19 IP Phones 7		Supported Protocols - Request you to add support for Supports optional J100 Wireless Module for Wi-Fi connectivity and / or Bluetooth® headsets.			No change
1373		6.2.19 IP Phones 10		In the Volume control sections request you to add support for Buttons - 8 buttons with dual LEDs (red, green), 4 softkeys, 24 administrative buttons			No change
1374		6.2.19.1 IP PABX 2		Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase theres is huge traffic surge in the Contact Center.			No change
1375		6.2.19.1 IP PABX 7		Request you to add IVR and Call Recording to be supplied by the same OEM	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, call recording and IVR) should be from a single OEM		No change
1376		4	2	3 phase 4 wire	3phase 3 wire means without neutral, so request for 3phase 4wire.		No change
1377		16	3	0 to 40 deg w/o derating, upto 50 deg with derating	Majority of UPS OEMs runs at the operating temperature of 0 to 40 deg. And upto 50deg there is de- rating. So request you to change the operating temperature to 0 to 40 instant to 0 to 50.		No change
1378			4	Manufacturer shall have TL 9000 certificate in India. Factory Lab of Manufacturer shall be NABL Accredited in India (All certificates for Indian Factory)	Request you to Please incorporate this as it will provide the quality products for the success of the project.		No change
1379			3	IP-55 cabinet with Aircon	As these UPS need to be installed in outdoor environment so we need to have IP-55 cabinet with Aircon. Normal UPS cannot run in the outdoor environment with IP20. Therefore pl amend the clause as per request.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1380			83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	Delivery schedule :		No change
1381		19.6.17.1	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	DG SET is required with CPCB-II Compliant or CPCB-IV Compliant Engine :		Please refer corrigendum
1382		19.6.17.1	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	Installation material scope Like Exhaust piping, Cabling and Earthing.:		SI Scope of survey
1383		19.6.17.1	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	Distance between DG SET and AMF Panel to calculate Power / control Cable length :		SI Scope of survey
1384		19.6.17.1	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	Distance between DG SET and Earthing Pit to calculate earth strip length :		SI Scope of survey
1385		19.6.17.1	83	SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change over with accessories	Exhaust pipe Length :		SI Scope of survey
1386		19.6.17.1		The allowed diameter will be as per the BIS regulations and wind speed requirement	Please remove the BIS ,because Smart pole is customized product		No change
1387		7		• Mosquito density	As same is not the functionality requirement of the environmenyal sensor, therefore please remove this clause.		Please refer corrigendum
1388		6.2.18 IP Phones	106	Supported Protocols: SNMP, DHCP, DNS	We suggest TR 069 Protocol should be added to make the solution more futuristic.SNMP can communicate with specific CPE's where as TR-069 is a standard to communicate with all CPE's. TR-069 Protocol also includes business rules Please refer to https://friendly-tech.com/whitepapers/snmp-vs-tr-069-protocol-comparison/ https://www.quora.com/What-is-main-difference-between-TR-069-and-SNMP-with-respect-to-parameters-and-specifications . Based on above we suggest to remove SNMP or make it optional by Modifying the clause as "Supported Protocols: SNMP/TR-069, DHCP, DNS		No change
1389			Vol 1 Pg no 15 of 144, 2.2 Consortium Conditions	v. The role and responsibility of any consortium member must be commensurate with the technical/financial capabilities that such member is contributing towards meeting the qualification criteria. Each consortium member is liable to contribute resources in terms of knowledge, skills and trained manpower commensurate with its role and responsibilities during the Contract Period.	The tender allows a consortium of only 2 members. In case the R&R needs to be split in exact proportion based on their contribution towards the qualification criteria, it would jeopardize the entire project execution schedule and deliveries in time. We may kindly request you to allow the Lead Bidder and their partner to decide amongst themselves on their R&R for smooth execution of the project. The Lead Bidder would in any case be jointly and severally liable for the overall execution and O&M of the project. Hence we request you to kindly delete this clause as this would limit the participation in this tender narrowing down chances of a fair and transparent competetion.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1390			Vol 1 Pg no 15 of 144, 2.2 Consortium Conditions	vii. The agreement between the consortium members (Consortium Agreement) would be available for legal vetting and open to suggestions by the RailTel, DRDM / PSCDL. RailTel, DRDM / PSCDL will suggest binding corrections, if it finds that such contract does not meet its requirements and interests as per the Tender in letter and spirit.	The agreement between the lead bidder and its partner should be governed by the internal policies of their organizations. Considering the requirements and interests as per the Tender in letter and spirit, The Lead Bidder would in any case be jointly and severely liable for the overall execution and O&M of the project. Hence we kindly request you to delete the clause. However, in case RailTel would like to have the Agreement as per their T&Cs, we may kindly request you to provide a format of the same before hand for our review as changing any T&Cs at a later stage post Bid would be difficult and can have severe financial as well as legal implications.		Please refer corrigendum
1391			Vol 1 Pg no 33 of 144, 3.4.4 Successful Bidder Evaluation	70:30 Quality and Cost based Selection (QCBS) method shall be used for evaluation of the bids, as per the formula given below: The scores will be calculated as: $Bb = (0.7)*Tb + (0.3)*(Cmin/Cb * 100)$	Considering the magnitude of the bid, we kindly request you to change the evaluation criteria to Least Cost Basis (L1) . This would allow a fair and transparent competition amongst the qualified bidders thus saving a lot of exchequer money.		Please refer corrigendum
1392			Vol 1 Pg no 38 of 144, 3.5 Pre-Qualification Criteria	9 Project Experience The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC	We kindly request you to amend the clauses as hereunder:: 9 Project Experience The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria 1.One project involving SITC of minimum 400 High Resolution IP CCTV Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 50 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1393			Vol 1 Pg no 42 of 144, 3.6 Technical Evaluation Framework	All Project Experience During last 5 years (Letter of Intent shall be on or after 1st May 2018)	In most of the Govt Tenders, Experience of the last 7 years is accounted and considered for evaluation purposes. The criteria of only 5 years would narrow down the no of potential bidders and would further restrict participation of only few bidders without a fair and transparent competition. Hence we kindly request you to amend the clause as hereunder: During last 7 years (Letter of Intent shall be on or after 1st May 2016) for any state/central govt/PSU		Please refer corrigendum
1394			Vol 1 Pg no 43 of 144, 3.6 Technical Evaluation Framework	4 Integration Experience- Smart City The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos	This clause is very restrictive hence we kindly amend as hereunder:: The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and-Control center in the last Five (5) years. i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System or Emergency Call Box (ECB) 20 nos Total iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >20 Sq. Ft - 10 Nos v. Flood Sensors :10 no's vi. Smart Poles – 10 nos vii. Environmental Sensor – 10 nos viii. EGov Application ix. Integration of Echallan/NIC x. Smart Kiosk xi . PIS System - 10 Nos xii. Solid Waste Management System		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1395			Vol 1 Pg no 45 of 144, 3.6 Technical Evaluation Framework	<p>9</p> <p>VMD Implementation</p> <p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark</p> <p>b) >=30 to <40 nos. - 4 marks</p> <p>c) >= 40 nos. – 6 marks</p>	<p>Kindly request you to amend the clause as hereunder:</p> <p>VMD Implementation</p> <p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 10 VMD's /Outdoor Digital Display Board >= 20 sq. ft.</p> <p>The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=10 to 15 nos. - 2 mark</p> <p>b) >=15 to <20 nos. - 4 marks</p> <p>c) >= 20 nos. – 6 marks</p>		Please refer corrigendum
1396			Vol 1 Pg no 45 of 144, 3.6 Technical Evaluation Framework	<p>10</p> <p>MeitY Cloud Hosting Implementation</p> <p>The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years.</p> <p>a) 1 project = 2 Marks</p> <p>b) 3 projects = 4 Marks</p> <p>c) 5 or more projects = 6 Marks</p>	<p>Kindly request you to amend the clause as hereunder:</p> <p>a) 1 project = 2 Marks</p> <p>b) 2 projects = 4 Marks</p> <p>c) 3 or more projects = 6 Marks</p>		Please refer corrigendum
1397			Vol 1 Pg no 45 of 144, 3.6 Technical Evaluation Framework	<p>11</p> <p>O&M activity of Smart City</p> <p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks</p> <p>b) 3 years O&M completed- 4 marks</p> <p>c) 4 years and above O&M completed -6 marks.</p>	<p>Kindly amend the clause as hereunder:</p> <p>a) 0.5 years O&M completed- 2 marks</p> <p>b) 1 years O&M completed- 4 marks</p> <p>c) 1.5 years and above O&M completed -6 marks.</p>		Please refer corrigendum

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1398		Elegible Bidders- Clause 2.1.2	14	The Bidder should be an entity register in India under the Companies Act 1956/2013 or LLP Register under LLP act 2008 or subsequent amendment thereof	Modification sought: Startups should be given an opportunity to bid as a consortium member with exemption on prior turnover and prior experience. Supporting Contentions: As per Rule 173 of General Financial Rules, 2017, the condition of prior turnover and prior experience may be relaxed for Startups (as defined by Department for Promotion of Industry and Internal Trade) subject to meeting of quality & technical specifications and making suitable provisions in the bidding document. There is no such relaxation mentioned in the RFP document for startups. Hence, a suitable clause should be added in the RFP document to encourage and promote startups to participate in the projects. The exemption is available for such start-up in terms of Circular No. DPE/7(4)/2017- Fin dated 08th November 2016.		Please refer corrigendum
1399		Section - Notice Inviting RFP – Clause (h)		RFP portal for Submission of Bids - https://railtel.eNiv ida.com	Modification sought: The bidding documents should be deposited in Govt. of Puducherry portal or any other Govt. portal. Supporting contentions: Submission of bids in e- procurement portal of Railtel Corporation of India Limited is unfair. We are not alleging anything but before going into the conformity of RailTel servers to the CVC spelt regulation it is better to deposit in the government portal. CVC guidelines for compliance to quality requirements of eProcurement systems has clearly spelt out on bidding document submission environment		Please refer corrigendum
1400		Option			Solution must be Provide make in india		Please refer corrigendum
1401		Point 8 / Section 6.3 / Cloud Services to deploy all smart solutions	Page 127		Suggested clause: The technical specification for WAF is not specified. As a critical information infrastructure project, we recommend some essential WAF capabilities that must exist to ensure comprehensive security for all web applications. (Annexure 1)		No change
1402		Point 28 / Section 6.3 / Cloud Services to deploy all smart solutions	Page 129		Suggested clause: The technical specification for load balancer is not specified. As a critical information infrastructure project, we recommend Load Balancing solution capabilities that will be necessary to ensure all hosted applications have high performance and reliability. (Annexure 2)		No change
1403		PSCDL RFP Vol II Clause No : 6.4.6 Speed Violation Detection (SVD)		The offered system should be able to detect vehicle license plates along with speed violation detection for vehicles having speed in excess of 5KMPH or as defined by the local authorities (with suitable camera with required frame rate) with an accuracy of at least ±2KMPH as compared to conventional speed laser gun system. The system should generate an automatic alert in case of a speed violation.	We understand that, Normally the application of this use case is to detect the high speed vehicles (higher speed than user specified usually ranging from 80,100 to 250). Whereas speed is mentioned as 5KMPH - Kindly confirm		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1404		PSCDL RFP Vol II Page No : 140 ITMS		In case of any failure in any LPUs, the SI must ensure design and implementation for no data loss and functionalities of video analytics processing of failed LPU at ICCC	This will require additional bandwidth and compute provision for full resolution streams from each junction to ICCC at all the times which will be the expensive proposal. Hence we request you to provide the junction server at central location through which redundancy can be achieved smoothly.		No change
1405		PSCDL RFP Vol II Page No : 222 VMS		The camera shall be capable of recording an event as pre and post event images to on-board SD Media Card and share it with ICCC	Is the requirement is for pushing of pre and post event image direct from camera to ICCC? Please confirm However, VMS recording of pre and post event images can be shared to ICCC		No change
1406		PSCDL RFP Vol II Page No : 222 VMS		• Trail Report on specific person / object / vehicle for a specific period / location	kindly elaborate more on this requirement		No change
1407		PSCDL RFP Vol II Page No : 222 VMS		• Personalized Dashboard (depending upon grade of police officer)	Please confirm the hierarchy levels also we request to consider this under the scope of ICCC. Since ICCC is a reporting platform for all the system and all systems are sending alerts to ICCC.		No change
1408		PSCDL RFP Vol II Page No : 223 VMS		The system should enable tracking of the vehicle on a GIS map to locate any suspicious / identified vehicle	This is mentioned under VMS. However, we can track the suspicious vehicle through ITMS		No change
1409		PSCDL RFP Vol II Page No : 223 VMS		Integration with ECB and Citizen App for SOS Management should be available.	Is the requirement is for integration of VMS with these systems? Please confirm		No change
1410		VA		Generic	Please provide the analytics breakup (Type of analytic with Qty required)		No change
1411		VMS		Generic	Please specify the recording parameter details like recording & viewing resolution, FPS, Compression and bandwidth		No change
1412		ITMS		LPU & Junction server	We understand that requirement is for distributed architecture which is field level LPU installation and central aggregation. Because BoQ captures the LPU Qty for ITMS whereas specs is calling for junction server.		No change
1413		PSCDL RFP Vol II Page No : 252 LPU		It shall support Secondary Storage 1*1TB 3.5"SATA HDD	Primary storage for LPU not captured. We assume the requirement is for fan based LPU. Please confirm		No change
1414		Generic		ONVIF Full membership	We request you to kindly change the VMS PQ to ONVIF full membership for more flexibility and openness in integration with multiple third party devices and hardware brands.		Please refer corrigendum
1415		Generic		STQC certification	By keeping the view of volume of project and scope of works for the environment of smart city to more qualitative, We request you to add OEM PQ for STQC certification.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1416		Generic		OEM PQ	<p>By keepig the view of volume of project and scope of works for the enviroment of smart city and to have smoother experience, we request you to add OEM PQ as below.</p> <p>The ITMS OEM should have supplied minimum 2000 ANPR camera licenses in at least three projects in India. The ITMS OEM should have supplied ANPR, Red Light Violation, No Helmet Detection, Triple Ride Detection and Speed Violation Detection in at least three cities in India.</p> <p>The proposed eChallan solution should have been deployed and operational in at least two projects in India with automatic validation of violations based on the ANPR confidence level.</p>		Please refer corrigendum
1417		PSCDL RFP Vol II Page No : 221 VMS		It should be possible to integrate the Surveillance System with 3rd-party software, to enable the users to develop customized applications for enhancing the use of video surveillance solution. (e.g., integrating alarm management to initiate SMS, E-Mail, VoIP call etc	Since VoIP calling even for non sensitive alarms has the potential of diverting the emergency, We request you to restrict the cluase to SMS and email.		No change
1418		RLVD Camera Technical Specification		Electronic shutter-1/10 to 1/12,000s or better	Kindly consider as 2-1/12000s as its standard value		No change
1419				General Query	<p>We request to consider allowing the financial qualifications of parent firm, if the bidder is wholly/99.9%% owned subsidiary of its parent firm. So, requesting to include the below statement for Pre-qualification and Technical qualification.</p> <p><u>Recommended for inclusion:</u></p> <p>If the bidding entity is a wholly owned subsidiary, then its parent company qualifications will be considered. For this purpose, the parent company shall give an undertaking to allow its credentials to be used in the bid.</p>		Please refer corrigendum
1420				<p>(2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks)</p> <p>a. One element control : 2.0 Marks</p> <p>b. Two elements control : 3.0 Marks</p> <p>c. Three elements control : 5.0 Marks</p> <p>System</p> <p>CCTV surveillance solution</p> <p>VMD Solution</p> <p>Traffic Management</p> <p>Smart Pole with PA system/</p> <p>Environmental Sensor</p> <p>Water SCADA</p>			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1421				(3) Demonstrate 3D simulation for proposed solutions: (5 Marks) 1 Demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS-2.5 2.Demonstrate 3D simulation for proposed solutions-2.5			Please refer corrigendum
1422				*Bidder is required to showcase 3D simulation for a functional smart city with ICCC showcasing use cases as mentioned in this RFP. This simulation should show movement of data / feeds, working of field devices, ICCC dashboards, incident Management from ICCC. Finally, how the whole scenario is helping citizens in the Smart City. Note: The Bidder will be required to submit softcopy of both presentation and simulation video to Authority after presentation is over.			Please refer corrigendum
1423				Technical Demonstration of Proof of Concept (PoC) Objective of Technical Demonstration/ POC is to evaluate the technology & system performance for getting city outcome. During the Technical Demonstration/PoC at the technical evaluation stage, the Technical Committee of Authority shall give special attention to verify the quality, robustness and appropriateness of the proposed Solutions/Equipment. If any brand / products are found unsuitable, Bidder may get dis-qualified or may be asked to replace the product with better brands meeting the RFP requirements, without any change in commercial bid.			Please refer corrigendum
1424					least one project with establishment of command & control centers (CCR), of which 1 project should be smart city ICCC project during the last 5 years – 1. 10 CCRs in a project OR 1 smart city project; worth 50Cr 2. 20 CCRs in a project OR 2 smart city projects; worth 100Cr 3. 30 CCRs in a project OR 3 smart city projects; worth 150Cr		Please refer corrigendum
1425					1. Surveillance system with 500 cameras with edge analytics – 50 cameras 2. Camera PA & ECB, 10 each 3. VMD > 40 Sq. ft – 7 no's 4. Environmental sensors – 5 no's 5. GIS 6. ATCS – 5 no's 7. ANPR and e-challan system for min 50 Cameras		Please refer corrigendum
1426					The OEM of ICCC platform as proposed by bidder, should be implemented in at least 2 projects in India – 1. 2 projects – 2 marks 2. 3 projects – 4 marks 3. 4 or more – 6 marks		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1427					a) E-challan for ANPR/RLVD camera – 100 no challan for ANPR/RLVD camera – 500 no ANPR/RLVD camera – 1000 no	b) E- c) E-challan for	Please refer corrigendum
1428					a) 750 to 1500 IOT OR GIS covering 10,000 properties/POIs in the smart city 20,000 properties/POIs in the smart city >3000 IOT OR GIS covering 30,000 properties/POIs in the smart city	b) 1500 to 3000 IOT OR GIS covering c)	Please refer corrigendum
1429					OEM of proposed VMD should have been implemented in at least 3 smart cities – smart city projects – 2 marks	1. 50 VMDs from max 2 2. 100 VMDs from max 4 smart city projects – 4 marks	Please refer corrigendum
1430	Volume - 1	2.7 RFP/Tender Document Fee	17	Without the payment of Tender Document Fee the bids will be taken as incomplete and non responsive and shall not be considered.	In page.no: 6 of volume 1, Under "NOTICE INVITING RFP" Point g) it is mentioned Cost of RFP Document as Nil. These two statements are Conflicting. We request you to please clarify this.		Please refer corrigendum
1431	Volume - 1	2.8 Earnest Money Deposit (EMD) / Bid Security	17	General	Request you kindly provide us with the bank details for the payment of EMD		Please refer corrigendum
1432	Volume - 1	3.1, Point c. Set 4 (Commercial bid)	30	Selection Process for Bidder it is mentioned The Commercial Bids of only those bidders will be opened who score equal to or more than 70% in Technical Evaluation.	In page. No: 42 of volume - 1, Under Important Note, „Bidder getting Technical Score of 60% will qualify for Commercial Evaluation stage is mentioned. These two statement are Contradicting. We request you to please clarify this.		Please refer corrigendum
1433	Volume - 1	3.5 Pre-Qualification Criteria Point: 2	34	Consortium Agreement (in case of Consortium) 2.1 The Bid can only be submitted by Consortium led by Lead Member. 2.2. In case of Consortium, the same shall be limited to two members in total. Including the Lead Member. 2.3. The Consortium member of one Consortium cannot be a member of another consortium which is also participating in this tender.	This tender has multiple components and more expertise is needed for successful completion pf project in provided timelines. Hence, we request to allow maximum 3 Bidders in the consortium including Lead Bidder Consortium Agreement (in case of Consortium) 2.1 The Bid can only be submitted by Consortium led by Lead Member. 2.2. In case of Consortium, the same shall be limited to three members in total. Including the Lead Member. 2.3. The Consortium member of one Consortium cannot be a member of another consortium which is also participating in this tender.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1434	Volume - 1	3.5 Pre-Qualification Criteria Point: 9	38	<p>The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving SITC of minimum 400 High Resolution Cameras 2.One project involving SITC of minimum 40 Industrial Grade Switches 3.One project involving SITC of minimum 100 ANPR Cameras 4.One project involving SITC of minimum 50 RLVD/SVD Cameras 5.One project involving SITC of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving SITC of ICCC with minimum 10 Smart Poles with IoT integrations (5 components per Pole) 	<p>This is a restrictive clause which can be met by only few companies, hence we kindly request you to change SITC to implementation/ Integration amend the clause as below in order to allow fair competition.</p> <p>The sole bidder / any consortium members should have experience in India related to safe city/smart city/ ITMS/CCTV Surveillance with any Central/State gov/PSU in at least 3 areas of the following criteria</p> <ol style="list-style-type: none"> 1.One project involving Implementation/ Integaraton of minimum 400 High Resolution Cameras 2.One project involving Implementation/ Integaraton of minimum 40 Industrial Grade Switches 3.One project involving Implementation/ Integaraton of minimum 100 ANPR Cameras 4.One project involving Implementation/ Integaraton of minimum 50 RLVD/SVD Cameras 5.One project involving Implementation/ Integaraton of minimum ATCS in 10 Junctions 6.One project involving laying of minimum 30 KM OFC 7.One Project involving Implementation of ICCC with minimum 10 Smart Poles integrations 		Please refer corrigendum
1435	Volume - 1	Important Note:	41	<ol style="list-style-type: none"> 1. For all the project experience, following documentary evidences are required: <ul style="list-style-type: none"> • Work order/ Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. • Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead. • Citations 2. In case project is on-going, <ol style="list-style-type: none"> a. Work-in-progress letter/certificate from client indicating project completion by 90% or more, in terms of financial (or) project scope perspective. b. Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 90% or more, in terms of financial (or) project scope perspective. 	<p>We request to amend the clause as follows,</p> <ol style="list-style-type: none"> 1. For all the project experience, following documentary evidences are required: <ul style="list-style-type: none"> • Work order/ Contract clearly highlighting the scope of work / Bill of Material and value of the contract/order. • Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead. • Citations 2. In case project is on-going, <ol style="list-style-type: none"> a. Work-in-progress letter/certificate from client indicating project completion by 90% or more, in terms of financial (or) project scope perspective. b. Self-certificate from bidder signed by statutory auditor/ CA indicating project completion by 90% or more, in terms of financial (or) project scope perspective. 		Please refer corrigendum
1436	Volume - 1	3.6 Technical Evaluation Framework Point: 1	42	<p>The sole bidder or the consortium (members together) should have an Average Annual Turnover from for last 3 audited financial years (2021-22, 2020-21, 2019-20) (in INR) Marks shall be allotted as follows:</p> <ol style="list-style-type: none"> a. >160 Crores and < 250 Crores - 2 marks. b. >=250 Crores and <350 Crores - 4 marks c. >=350 Crores - 6 marks 	<p>The turnover asked is higher for the project value as this tender has multiple components and more expertise is needed. We request to allow maximum 3 Bidders in the consortium including Lead Bidder.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1437	Volume - 1	3.6 Technical Evaluation Framework Point: 2	42	<p>The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU</p> <p>Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks 	<p>Asking for single project experience worth 100 Cr is a restrictive clause which can be met by only few companies, hence we kindly request you to amend the clause as below in order to allow fair competition.</p> <p>The sole bidder or any consortium member shall have successfully executed minimum 40 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 7 years (Letter of Intent shall be on or after 1st May 2016) for any state/central govt/PSU</p> <p>Marks shall be allotted based on the value of single project as follows:</p> <ol style="list-style-type: none"> 1. 40 crores to 50 crores - 2 marks 2. >50 crores to 60 crores - 4 marks 3. >60 crores – 6 marks 		Please refer corrigendum
1438	Volume - 1	3.6 Technical Evaluation Framework Point: 3	43	<p>The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 50 crore each during the last 5 years</p> <ol style="list-style-type: none"> a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks. 	<p>Smart city mission is older than 5 years and in covid many projects got moved. Project experiences in last 5 years is a restrictive clause which can be met by only few companies, hence we kindly request you to amend the clause as below in order to allow fair competition.</p> <p>The sole bidder or the consortium (members together) in case of consortium should have experience in executing at least one smart city ICC project of value not less than INR 40 crore each during the last 7 years</p> <ol style="list-style-type: none"> a) 1 project – 2 marks b) 2 Projects – 4 marks c) 3 projects - 6 marks. 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1439	Volume - 1	3.6 Technical Evaluation Framework Point: 4	43	<p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and- Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>Smart city mission is older than 5 years and in covid many projects got moved. Project experiences in last 5 years including O&M phase since last 1 year only in a single project is a restrictive clause which can be met by only few companies, hence we kindly request you to amend the clause as below in order to allow fair competition.</p> <p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 40 Cr project including O&M phase since last 1 year or above with integration of at least 3 components from the list below with command-and- Control center in the last Seven (7) years.</p> <p>i. Surveillance System with 100 cameras. ii. Camera With Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 10 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) - 20 Nos v. Public Wifi :20 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 10 nos</p> <p>Number of components integrated,</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>		Please refer corrigendum
1440	Volume - 1	3.6 Technical Evaluation Framework Point: 9	45	<p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. - 6 marks</p>	<p>In order to allow maximum participation and enhance Bid competitiveness, request you to kindly consider the following clause:</p> <p>The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 5 VMD's /Outdoor Digital Display Board The above definition applies to a single project and order.</p> <p>Marks shall be allocated based on the number of VMD's in a single project as follows.</p> <p>a) >=5 to 10 nos. - 2 mark b) >=10 to <20 nos. - 4 marks c) >= 20 nos. - 6 marks</p>		Please refer corrigendum
1441	Volume - 1	3.6 Technical Evaluation Framework Point: 11	45	<p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project along with ITMS in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p>	<p>In order to allow maximum participation and enhance Bid competitiveness, request you to kindly consider the following clause:</p> <p>The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICC project in a single project post Go-Live.</p> <p>a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks.</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1442	Volume - 2	Edge Analytics	51	Edge Analytics	As per RFP requirement there is no IoT gateway hardware device requirement. Edge analytics is not applicable, hence we request to please remove it.		Please refer corrigendum
1443	Volume - 2	ICCC OEM Criteria. Point: 320	74	Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.	This is a restrictive clause which can be met by only few companies, hence we kindly request you to amend the clause as below in order to allow fair competition. Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. Out of 3 implementation atleast one should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit Completion Certificate from end client. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.		Please refer corrigendum
1444	Volume - 2	Key Integration Requirement S.no:8 Future Applications	76	ICCC should be integrated with future applications that are used for engaging citizens, ICCC should be ready to fetch the standard reports and KPI's, display the same over the dashboard. ICCC should fetch relevant KPI's and reports from all future applications/System and display the same over ICCC dashboard. ICCC should have provision for defining SOP's related to future applications. ICCC should generate the specific reports based on the alerts for the future Applications	The mentioned points are open-ended so we request to delete this point. Any future applications to integrated with ICCC, shall be based on complexity followed by change request which shall be mutually discussed between PSDCL and MSI.		Please refer corrigendum
1445	Volume - 2	Edge Analytics	51	Edge Analytics	As per RFP requirement there is no IoT gateway hardware device requirement. Edge analytics is not applicable, hence we request to please remove it.		Please refer corrigendum
1446	Volume - 2	5.4.1 Survey And Commencement of Works	28	Prior to starting the site clearance, the SI shall carry out survey of field locations, for buildings, structures, fences, UG utilities' – Power Cables & Water Pipelines, OFC Network of other Operators, Trees, existing installations, etc. The Authorities shall be fully informed of the results of the survey and the amount and extent of the demolition and site clearance shall then be agreed with the Authorities. Restoration will be the responsibility of the SI. Right of Way and Track rent will be borne by PSCDL/DRDM.	We request you to please confirm if the survey is only for Site Clearance, to erect smart devices as per ICCC requirement and is not a traditional GIS survey for topographic mapping.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1447	Volume - 2	6.3 Cloud Services to deploy all smart solutions S.No: 5	127	Managed instances and Database as a service for databases such as Microsoft SQL, MYSQL and PostGre SQL.	We request you to amend the clause as follows, MSI should needs to deploy database in Managed instances and Database as a service for databases such as Microsoft SQL, MYSQL and PostgreSQL with high availability.		No change
1448	Volume - 2	Data Center		General	Request you to clarify on the below mentioned points <ul style="list-style-type: none"> • No RPO & RTO details evidenced from the RFP. • No Secondary Storage or Tape Drive Details have been provided. • The Application load Balancer is not evidenced from the given ICT to manage the High Availability among ISP connections. 		Please refer relevant clause of RFP
1449	Additional				Please let us know the consumer base and internal & external users access the application		Please refer relevant clause of RFP
1450	volume 2	4.10.3 Post Implementation Scope for the Operation and Maintenance Phase b) Activities related to City ICC	17	v. Provide a Helpdesk and Incident Management Support at State level till the end of contractual period	Is their any existing helpdesk and incident management available ?		Please refer relevant clause of RFP
1451	Additional				We request you to let us know the number of DR Drill per year		Please refer relevant clause of RFP
1452	Volume - 2	Early Warning and Dissemination System:	218	1. Warning and Dissemination system development in collaboration with DRDM. 2. Mobile application for citizens & Dashboard development for administrators. 3. Integration with ICC.	We request you to please confirm if there is any existing historical flood vulnerable maps that will be provided by the department, or MSI needs to prepare such maps, and at what scale? Also, if available please clarify how recent the data is provided and at what scale.		Please refer relevant clause of RFP
1453	Volume - 2	General			We request you to please confirm if there is any existing GIS Vector Map and Satellite/Raster image, and will the data be provided by the department?		Basemap will be provided by the authorities. Integration is the scope of SI.

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1454	Volume - 2	Inclusion - GIS Platform		Inclusion	<p>Indicative Scope of GIS Platform</p> <ol style="list-style-type: none"> 1. Defining the Data sharing procedures, inter-operability procedures conforming to guidelines of Govt. of India and OGC Standards. 2. Normalisation of fragmented, inconsistent data formats, projections and scales to use across agencies to avoid duplication of efforts. 3. Define the data structure and Interoperable standardised GIS data 4. Work closely with the Master System of ICCC Project for cross functional data curating and detailed analysis 5. Continuously make GIS data available at all levels for an Integrated GIS for all City level departments with respect to Citizen services as defined in the ICCC by increased access to geospatial information 6. Assist in integrating all workflows into GIS based systems 7. Update existing databases in real time and share thematic data & geospatial data attributes pertaining to the respective stakeholder departments 8. Make available GIS maps to ICCC for its use in day-to-day operations 9. Capacity Development Program and Interventions for GIS Gap Capability enhancement. 		No change
1455	Volume - 2	Inclusion - GIS Platform		Inclusion	<p>Proposed Solution for City-wide GIS</p> <p>City GIS Portal provides framework for accessing spatial data across organizations or group of users in an efficient and flexible manner. This has the following components:</p> <ol style="list-style-type: none"> 1. Map Viewer is an internet based interactive map viewing application, which allows a user to view the spatial data. Map Viewer also facilitates map discovery, querying, analysing and update. 2. Map Catalogue is list of map (API) services available as a map directory. It allows the user to browse the directory of spatial datasets that are available as map layers. It facilitates authorized data to publish map data as service, which can be accessed remotely. 3. Metadata is information about spatial data. This would enable a user to view the descriptions of the metadata before actually accessing/working with the data. The authorised users would be able to Create, Update, Remove and Export Metadata is provided. 		No change
1456	Volume - 2	Inclusion - GIS Platform		Inclusion	<p>Role of City Stakeholders</p> <p>The system should integrate with existing city GIS datasets with GIS platform on regular basis</p> <p>Update respective GIS maps on a regular basis and inform to ICCC for integration of updates</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1457	Volume - 2	Inclusion - GIS Platform		Inclusion	<p>GIS Application stakeholder departments Design and Implementation of Integrated Command & Control Center System</p> <p>S.No. Integration of Existing Applications</p> <ol style="list-style-type: none"> 1. E-Governance Platform 2. Electrical SCADA 3. e-Health 4. Solid waste Management 5. Water/ Sewage SCADA 6. ERSS (Dial 100/112) 7. Disaster Management 8. Transport 9. Public Bike Sharing System 10. Town Planning <p>S.No. Smart elements</p> <ol style="list-style-type: none"> 1. City Surveillance system(CCTV/PTZ) 2. Intelligent Traffic management system(ATCS, RLVD,ANPR,SVD) 3. Environmental sensors, Flood sensor 4. Variable Message Board 5. Smart Poles with Emergency Call Box 6. Public Announcement system, Public address system 7. Smart street lighting 8. digital billboard 9. public Wi Fi 10. OFC network. 		No change
1458	Volume - 2	Inclusion - GIS Platform		Inclusion	GIS Data storage, backup and retrieval		No change
1459	Volume - 2	6.9 Flood Sensors & Alert System		Inclusion of Flood Measuring alarm and measuring instruments	Flood Measuring alarm and measuring instruments are missing in the RFP. We request to please add the below instruments		Please refer corrigendum
1460					MEASURING INSTRUMENTS		
1461					Required Specifications		
1462					Proper arrangement for mounting of instruments at the Sensor Stations shall be made based on the actual site conditions, which shall be assessed by site visit. Wherever there is a bridge across the river, the same may be used for installation of the sensors. However, in case a bridge is not available or is not suitable for the requirement, separate structures shall be constructed for the purpose subject to approval of the Employer.		No change
1463					Radar or ultrasonic sensors should be mounted such that they have a direct vertical shot to the water surface with no obstruction of their beams. Beam spread must be determined based on the manufacturer's specification and the maximum expected distance to be measured at low flows. Consideration should be made in designing the mounting structure to allow for easy access to the instrument for maintenance.		No change
1464					Important technical parameters of the instruments are indicated below.		No change
1465							
1466					a) RADAR TYPE LEVEL TRANSMITTER		

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1467				Parameter Description	Specification Requirements		
1468				Site Conditions			No change
1469				Ambient Temperature	-30°C to +55°C		No change
1470				Humidity	0 to 100%		No change
1471				Altitude	0 to 5000m		No change
1472				Sensor			No change
1473				Sensor Type	Microwave non-contact sensor communicating over Wireless		No change
1474				Range	30 mtrs. and above		No change
1475				Resolution / Accuracy	3 mm or better / 0.5% of Calibrated Span		No change
1476				Beam Angle:	≤ 16 °		No change
1477				Output Interface	SDI-12/RS 485/4-20 mA / Wireless / compatible with data logger		No change
1478				Power Supply	9 to 27 V DC		No change
1479				General Features			No change
1480				Radar Type	W-band 77-81 GHz FMCW radar		No change
1481				Material	Corrosion resistant metal (stainless steel / aluminium or PVC)		No change
1482				Enclosure	The sensor shall be easy to dismount and replace in the event of malfunction.		No change
1483				Tools	Complete tool kit for operation and routine maintenance		No change
1484				Manuals	Full documentation and maintenance manual in English		No change
1485				Accessories	Sensor mounting support, cables and other accessories as required		No change
1486				Local Display	Radar sensor should have display feature for diagnostic purpose		No change
1487				Protection	NEMA 4 or IP65 as a minimum. IP 68 is preferable for these applications.		No change
1488					Note: Four wire type transmitters can also be provided for applications where 2- wire transmitter has some technical limitations, subject to Employer's approval during detailed engineering stage. However, in such cases isolated 4-20 mA DC (analog) output shall be provided.		No change
1489							
1490				b) RADAR TYPE WATER VELOCITY / FLOW SENSOR			
1491				Parameter Description	Specification Requirements		
1492				Site Conditions	Detection distance		No change
1493				Ambient Temperature	-30°C to +55°C		No change
1494				Humidity	0 to 100%		No change
1495				Sensor Details			No change
1496				Surface Velocity Radar Type	K-band 24.125 GHz Doppler radar, 20 / 21 dBm EIRP		No change
1497				Surface Velocity Radar Beam Angle	12°Azimuth 24° Elevation		No change
1498				Speed Range	0.03 m/s to 15 m/s		No change
1499				Speed Resolution	0.001 m/s		No change
1500				Speed Accuracy	1% or better or +/- 0.03 m/s		No change
1501				IP Rating	IP68		No change
1502				Power Input	9 to 27 VDC		No change
1503				Power Consumption	typically 5 - 6 W		No change
1504				Maximum Current	<= 750 mA		No change
1505				Temperature Range	- 35°C to +70°C or better (without heating or coolers)		No change
1506					*A combined water level and velocity measurement system in place of two separate transducer systems may also be supplied subject to Employer's approval.		No change
1507							

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1508				c) TRI-AXIAL TILT METER			
1509				Parameter Description	Specification Requirements		
1510				Resolution	0.0001° (0.00175 mm/m)		No change
1511				Repeatability	±0.0007° (±0.0087 mm/m)		No change
1512				Range	±90° (Degree)		No change
1513				Communication Type	Mesh Networking Protocols		No change
1514				Frequency Band	2400 MHz - 2485 MHz		No change
1515				Battery Type and Life	Integrated up-to 10 years or more		No change
1516				Temperature Sensor	Integrated		No change
1517				Ingress Protection	IP68		No change
1518				Tri-Axial Tilt Meter shall be mounted on top of each transducer system with wireless gateway.			No change
1519	Volume-1	111	124	Variable Message Display (VMD) and VMD Controller (3m X 2m) Double side display including VMS controller (with all accessories)	Query-1: Size of VMS at volume-1 is 3m x 2m where as in VOL-2 it is 3.8m x 1.9m		No change
1520	Volume-2	6.4.14	156	Variable Message Display: The Variable Message Display(VMD) will be able to play Text Image and Full Color Video and approximately 3.8 meterX1.9 meter. Hardware should have minimum 5 year warranty	Please confirm correct size Query-2: With given specifications pitch of VMS is P20 Possible matrix : 96 x 144 For size 2m (H) x 3m (L) Possible matrix : 88 x 176 For size 1.9m (H) x 3.8m (L)		No change
1521	Volume-2	6.4.14	156	Variable Message Display: The (VMD) should have : pixel density 2500Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels , brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	For better video display 144 x 192 matrix required which can be achieved by reducing pitch or increasing size Ex: With P12 pitch 144 x 240 Matrix for size 1.9m (H) x 3m (L)		No change
1522	Volume-2	6.4.14	156	Variable Message Display: The (VMD) shall be of IP 67	Change req : IP65 front and IP54 back		No change
1523	Volume-2	6.4.14	156	Variable Message Display: The cabinet material should be steel and should double side back door for traffic display	Change req : steel/Mild Steel, Powder Coated – Black		Please refer corrigendum
1524	Volume-2	6.4.19.5	162	Adaptive Traffic Control System: The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Change Req : Either drop this clause or amend to RTC with 3-7 days battery backup. Justification : The GPS receiver for updating time, date and day of the week information of the traffic signal controller is the integral part of the traffic signal controller so no need of 10years battery backup.		No change
1525	Volume-2	6.4.19	166	Input and Output facilities: Lamp Switching: The controller shall have a minimum of 48 (Scalable to 64) individual output for signal lamp switching. The signal lamps shall be operating on appropriate DC/AC voltage of applicable rating	Change req : As per design recommendation/Delete Justification : Our system design based on MASTER slave concept (Connectivity from Master to slave & Slaves to lamps) & RFP functional requirements will not effect with this.		No change
1526	Volume-2	2.A	181	Countdown Timer: Structural Material-Polycarbonate strengthened against UV rays	Change req : Polycarbonate/Mild Steel, Powder Coated – Black		No change
1527	Volume-2	2.C	181	Countdown Timer: Dimensions-360mm x 370mm x 220mm	Change req : As per design recommendation Junctification : For 3Digit countdown timer 300mm dia not sufficeint and		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1528	Volume-2	3.A	181	Countdown Timer: Lamp Diameter-300mm	we prefer with size approx.597 (L) X 331(H) X 101(D)mm		No change
1529	Volume-2	3.D	181	Countdown Timer: No. of Digit- 3			No change
1530	Volume-2	3.B	181	Countdown Timer: Digit Height 150 -165mm	Change req : Deletion		No change
1531	Volume-2	4.A	181	Countdown Timer: LED Diameter- 5mm LED	Change req : 5mm LED/SMD LED		No change
1532	Volume-2	4.C	181	Countdown Timer: LED Wave Length: 505nm - 520nm (Blue- Green)	Change Req: 489nm -508nm (Blue-Green)		No change
1533	Volume-2	5.E	182	Countdown Timer: Water & Dust Ingress- IP 67	Change Req: IP-54		No change
1534	Volume-2	5.F	182	Countdown Timer: Standard - EN12966 Compliant	Change req : Deletion		No change
1535	Volume-2	3	182	Pedestrian Lamp Heads- Signal Controller Specification: Should have a minimum of 16 independent lamp outputs.	Change req : As per design recommendation/Delete Justification : Our system design based on MASTER slave concept (Connectivity from Master to slave & Slaves to lamps) & RFP functional requirements will not effect with this.		No change
1536	Volume-2	4	182	Pedestrian Lamp Heads- Signal Controller Specification: Integrated Keyboard and LCD for easy junction programming	Change req : Deletion/Optional		Please refer corrigendum
1537	Volume-2	11	182	Pedestrian Lamp Heads- Signal Controller Specification: Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Change req : Deletion/Optional		No change
1538	Volume-2	A	183	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green): Single Source LED type	Change Req: Single Source LED type/Discrete Hi Bright LED		No change
1539	Volume-2	A.2	183	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green): The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Query: Different specifications given at different caluses		No change
1540	Volume-2	A.8	183	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green): Should withstand temperatures ranging from 0 Degree Celsius to 70Degree Celsius			No change
1541	Volume-2	A.7	183	SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green): The minimum working life of LEDs should be at least 18,000 hours	Query: Different specifications given at different caluses		No change
1542	Volume-2	5	184	Pedestrian Graphical Count down timer: LED lifetime should be 1,00,000 Hrs. from the date of commissioning			No change
1543	Volume-2	2	183	Pedestrian Graphical Count down timer: Housing should be made of polycarbonate and should be IP65/67	Change req : Polycarbonate/Mild Steel, Powder Coated – Black with IP-54		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1544	Volume-2	3	183	Pedestrian Graphical Count down timer: Dimensions 360 mmx 370mm x 220mm	Change req : As per design recommendation Justification : For 3Digit countdown timer 300mm dia not sufficeint and we prefer with size approx.597 (L) X 331(H) X 101(D)mm		Please refer corrigendum
1545	Volume-2	6	184	Pedestrian Graphical Count down timer: Full graphic and dual-color display	Change req : Delete Justification : Red for STP, and Green color for GO		No change
1546	Volume-2	4	183	Pedestrian Graphical Count down timer: Should comply with EN12699	Change req : Deletion		No change
1547	Volume-2	2	184	Housing for Lights: The color of the signal body and visors shall be black UV stabilized high impact or impact a. Modified Polypropylene.	Change req : polycarbonate/Modified Polypropylene/Aluminium, Powder Coated – Black Justification : For Better heat dissipation		No change
1548	Volume-2	3	184	Housing for Lights: It should be made of polycarbonate and should have adequate mechanical strength and durability to withstand the conditions of installation, operation, and maintenance.			No change
1549	Volume-2	3	185	Cables for Traffic Signals: No's of core -7 and 14 core1.5 sq.mm. 3 Core 2.5 sq. mm	Change req : As per design recommendation		No change
1550	VOL1 3.4.2 Stage 2: Technical Evaluation Page 32 of 144			h. Only those bids who get an overall technical score of 60% or more of the Technical Evaluation Framework as given in Section 3.6 shall be considered technically qualified. Failing to secure minimum marks shall lead to rejection of the bids	Both the clause are contradictory. Kindly confirm the minimum technical score for commercial bid opening is 60% or 70%.		Please refer corrigendum
1551	VOL1 3 Selection Process for Bidder Page 30 of 144			The Commercial Bids of only those bidders will be opened who score equal to or more than 70% in Technical Evaluation			Please refer corrigendum
1552	VOL1 Important Note Page 41 of 144			Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead.	We understand that Completion certificate mentioned here is referred to Project Golive Certificate. Kindly amend the clause as for better understanding : Go-Live Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead.		Please refer corrigendum
1553	VOL1 3.6.1 Technical Bid Evaluation Criteria 2. Executing Large Information and Communication Technology projects Page 42 of 145			The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 crores - 2 marks 2. >200 crores to 300 crores - 4 marks 3. >300 crores – 6 marks	Last few years mainly due to Covid pandemic, there are not much projects released in this domain with such higher project values. Hence we request you to reduce the Project value for marking criteria as mentioned below. Hence, we request you to amend the clause as, "The sole bidder or any consortium member shall have successfully executed minimum 100 crores worth single project related to City or state surveillance /safe city/ITMS/ smart city in India during last 5 years (Letter of Intent shall be on or after 1st May 2018) for any state/central govt/PSU Marks shall be allotted based on the value of single project as follows: 1. 100 crores to 200 150 crores - 2 marks 2. >150 200 crores to 300 200 crores - 4 marks 3. >200 300 crores – 6 marks"		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification	
1554	VOL1	3.6.1 Technical Bid Evaluation Criteria	4. Integration Experience Smart City	Page 43 of 146	<p>The sole bidder or the consortium (members together) should have been awarded and successfully executed at least one smart city project of minimum value of 100 Cr project including O&M phase since last 1 year or above with implementation and integration of at least 3 components in single project from the list below with command-and Control center in the last Five (5) years.</p> <p>i. Surveillance System with 500 cameras. ii. Camera With Edge Analytics 50 cameras iii. Public Address (PA) System and Emergency Call Box (ECB) 40 nos each iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 Sq. Ft - 20 Nos v. Flood Sensors :10 no’s vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos</p> <p>Number of components implemented and integrated under single project and order.</p> <p>a) Any 3 components - 2 marks b) Any 4 components - 4 marks c) Any 5 components - 6 Marks d) Any 6 components - 8 Marks e) All 7 components - 10 Marks</p>	<p>Size of Variable Message display supplied in most of the Smart City RFP is (2.88 m X 1.92 m) which comes approx 59 Sq Ft. Hence the size asked in the technical evaluation criteria shall not be available in major smart city projects. Hence we request a minor modification in the criteria as below: "iv. Variable Message Display (VMD) /Outdoor Digital Display Board (ODDB) – size >70 50 Sq. Ft - 20 10 Nos"</p>		Please refer corrigendum
1555	VOL1	3.6.1 Technical Bid Evaluation Criteria	5. ICCO OEM Experience	Page 43 of 146	<p>The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India.</p> <p>a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks</p>	<p>Selection of the ICCO OEM partner varies based on multiple criterias and technical specifications setout in the RFP. Based on case to case basis, we partner with different OEMs and execute the project as per client requirement. Hence we request you to consider the experience of bidder with any ICCO OEM for technicalbid evaluation criteria. We request you to amend the clause as: "The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India. a) 2 projects – 2 marks b) 3 projects – 4 marks c) 4 projects or more -6 marks" <u>or</u> "The Sole Bidder or lead bidder or consortium member in case of consortium should have experience of Implementation of ICCO with the proposed OEM platform in India. a) 2 projects One Project – 2 marks b) 3 projects Two Projects – 4 marks c) 4 projects Three projects or more - 6 marks"</p>		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1556	VOL1 3.6.1 Technical Bid Evaluation Criteria 6.TES Implementation Page 44 of 147			The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	The experience for AI based ANPR or RLVD or SVD is counted on the nos of AI license supplied and implemented because one camera can be having multiple license running. Hence we recommend the minor change in the clause as: "The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based analytics like ANPR or RLVD or SVD or other cameras traffic related analytics license in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras License - 2 marks b) 251 to 450 cameras License - 4 marks c) 451 and more License - 6 marks"		Please refer corrigendum
1557	VOL1 3.6.1 Technical Bid Evaluation Criteria 6.TES Implementation Page 44 of 147			The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks	All the analytics like ANPR/RLVD/SVD shall have a AI based algorithm working at backend and same may not be mentioned in the Client certificate of MSI. Hence we request you to kindly amend the clause as mentioned below: The Sole bidder or any consortium member should have designed and implemented minimum 50 AI based ANPR or RLVD or SVD cameras in a project related to City or State surveillance /ITMS/ Safe city/Smart city project in India during last 5 years. Marks shall be allocated based on the number of cameras (ANPR + RLVD + SVD cameras) under single project as follows: a) 50 to 250 cameras - 2 marks b) 251 to 450 cameras - 4 marks c) 451 and more - 6 marks		Please refer corrigendum
1558	VOL1 3.6.1 Technical Bid Evaluation Criteria 7.ATCS Experience Page 44 of 148			The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers under a single project and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) more than 100 controllers – 6 marks	The nos of ATCS controller implemented is mainly depends upon the nos of Traffic junctions in the city where project has to be implemented. Most of the Smart City / Safe City projects which are released in India does not have 100 traffic junctions in a single city and hence this criteria can be met by cumulatively considering experience of 2 projects. In the same line, we recommend a minor amendment in the criteria as below: "The sole bidder or the consortium (members together) should have managed 20 Adaptive Traffic Controllers in a single project in India during last 5 Years. Marks shall be allocated based on the number of controllers implemented cumulative under a single two projects and order. as follows: a) >=20 to < 60 controllers - 2 marks b) >= 60 to <100 controllers – 4 marks c) Equal to or more than 100 controllers – 6 marks"		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification	
1559	VOL1	3.6.1 Technical Bid Evaluation Criteria	8.IoT Implementation Experience	Page 44 of 149	The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components (PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years. The above definition applies to a single project and order. Marks shall be allocated based on the number of IOT components in a single project as follows. a) >=750 to <1500 IoT Components - 2 mark b) > 1500 to <3000 IoT components - 4 marks c) >3000 IoT components – 6 marks	We understand that for the mentioned criteria (<i>the number of IOT components in a single project</i>), the IOT Smart components mentioned can be any of the Smart components cumulatively. Kindly confirm. We request you to amend the clause as: "The sole bidder or the consortium (members together) shall have integrated minimum 750 IoT smart components cummulative (Any of the mentioned Smart components like PA, Emergency Call Box, Flood sensor, VMD, Camera, Environmental sensor, Smart Light) in a single project related smart city in India during last 5 years."		Please refer corrigendum
1560	VOL1	3.6.1 Technical Bid Evaluation Criteria	9.VMD Implementation	Page 45 of 150	The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 sq. ft. The above definition applies to a single project and order. Marks shall be allocated based on the number of VMD's in a single project as follows. a) >=20 to 30 nos. - 2 mark b) >=30 to <40 nos. - 4 marks c) >= 40 nos. – 6 marks	Size of Variable Message display supplied in most of the Smart City RFP is (2.88 m X 1.92 m) which comes approx 59 Sq Ft. Hence the size asked in the technical evaluation criteria shall not be available in major smart city projects. Hence we request a minor modification in the criteria as below: "The sole bidder or the consortium (members together) shall have successfully designed and implemented minimum 20 VMD's /Outdoor Digital Display Board >= 70 50 sq. ft. "		Please refer corrigendum
1561	VOL1	3.6.1 Technical Bid Evaluation Criteria	9.VMD Implementation	Page 45 of 150	The sole bidder or any consortium member should submit the following documents. Work order/signed contract and client completion certificate to be submitted.	We request you to accept the Ongoing project credential for this experience criteria.		Please refer corrigendum
1562	VOL1	3.6.1 Technical Bid Evaluation Criteria	10.MeitY Cloud Hosting Implementation	Page 45 of 151	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	We request you to amend the criteria as below: "a) 1 project = 2 Marks b) 3 3 projects = 4 Marks c) 5 4 or more projects = 6 Marks"		Please refer corrigendum
1563	VOL1	3.6.1 Technical Bid Evaluation Criteria	10.MeitY Cloud Hosting Implementation	Page 45 of 151	The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Marks	We request you to accept the Ongoing project credential for this experience criteria.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1564	VOL3 B PART B – SPECIAL CONDITIONS OF AGREEMENT 46.Performance Security Page number - 34			SI shall furnish Performance Security to the Authority at the time of signing the Contract which shall be equal to 5% of the value of the Contract and shall be in the form of a Bank Guarantee from a Nationalized / Scheduled Bank having branch at Secunderabad in the Proforma given in Annexure 5 (a) RFP volume I within 15 days after issuance of letter of intent (LOI) or Letter of Award (LOA) which would be valid up to a period of six months (6) after the contract completion period i.e., 'Go- Live' + 60 months of O&M.	Both the clauses are contradictory. Kindly confirm whether Performance security is 5% or 10%.		Please refer corrigendum
1565	VOL1 4.3 Performance Bank Guarantee (PBG) Page 51 of 144			This Performance Bank Guarantee shall be for an amount equivalent to 10% of total contract value. PBG shall be invoked by Authority, in the event the Bidder:			Please refer corrigendum
1566	VOL1 15 Annexure III: Project Milestones and Payment Schedules for Implementation Mobilization Advance			The Authority will, if requested by the CONTRACTOR, make mobilization advance payments of 10(%) percent of the Awarded Contract Value to the CONTRACTOR to assist in defraying the initial expenses that will necessarily be incurred by the CONTRACTOR for mobilization and design. The Mobilization Advance will be given to the CONTRACTOR with Simple Interest of 10 % (Percent) per annum.	We request you to kindly provide the Interest free Mobilization Advance so that same can be availed by the contractor without any financial liability.		Please refer corrigendum
1567	VOL3 Annexure IV- Service Levels p. Miscellaneous SLAs 5. Application Security Page number - 60			Depending on the type of incident and its impact, a Penalty of 10% on the entire contract value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract	We request you to remove the termination clause for the application security cyber crime which is beyond the control of the bidder. Hence we request you to amend the clause as below, "Depending on the type of incident and its impact, a Penalty of 10% 1% on the entire contract Opex value or in case of severe issue (as defined by Authority) such breach may lead to termination of contract"		Please refer corrigendum
1568	VOL2 5.19 Project Timelines – Component wise Deployment of Resources			After T/0+2 weeks, a penalty of 2% per week on the amount to be released in phase 1 thereof up to the maximum value of 10% on the amount to be released in phase 1. However, Delay beyond three (03) weeks would lead to termination of contract.	SI shall be responsible for overall delivery of the project as per scope of work within the timeline specified in RFP. So we request you to remove this penalty and termination clause for deployment of resources and allow the MSI to deploy the Resources as per Project actual requirement.		Please refer corrigendum
1569	VOL2 5.19 Project Timelines – Component wise Implementation of Project			After T0+180 days, a penalty of 5% on the amount to be released on completion of same milestone value per week up to the maximum value of 10% on the amount to be released on completion of same milestone. However, Delay beyond two (2) weeks would lead to termination of contract.	Liquidated Damages penalty is already defined in the RFP Vol 3, page 46 which shall be applicable for any delay in the milestone completion. Hence we request you to remove the penalty clause mentioned in the "clause 5.19 Project Timelines – Component wise" as this would lead to multiple penalties on the contractor.		Please refer corrigendum
1570	VOL2 5.19 Project Timelines – Component wise Project Deliverables			After 15 days of T/0+180 days, a penalty of 1 lakh per day with a capping of 15 lakh. Delay beyond 60 days would lead to termination of contract.	Liquidated Damages penalty is already defined in the RFP Vol 3, page 46 which shall be applicable for any delay in the milestone completion. Hence we request you to remove the penalty clause mentioned in the "clause 5.19 Project Timelines – Component wise" as this would lead to multiple penalties on the contractor.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1571	VOL2 15 Annexure III: Project Milestones and Payment Schedules for Implementation			M1 - Contract / Work Order - T M2 - Project Kickoff - T + 7 days M3 - Site Survey - T + 1 month M4 - Solution design signoff - T + 45 days M5 - Supply of IT and Non-IT Infra and systems pertaining to all the Solution components. - T + 3 months M6 - Installation and Commissioning of (1. General Surveillance, 2. ITMS, 3. Other Smart solution components, 4. OFC Connectivity, 5. ICCC, 6. Any other CAPEX items.) - T + 5 months M8 - Completion of Integration of Smart devices and existing applications with ICCC and Go-Live - T + 6 months M9 - Operations and maintenance - 5 years from Go-Live	We would like to bring to your kind attention that the timelines mentioned in the RFP are very stringent. We recommend some minor change in the Project Milestone as mentioned below: "M1 - Contract / Work Order - T M2 - Project Kickoff - T + 7 days M3 - Site Survey - T + 45 days M4 - Solution design signoff - T + 2 Months M5 - Supply of IT and Non-IT Infra and systems pertaining to all the Solution components. - T + 5 months M6 - Installation and Commissioning of (1. General Surveillance, 2. ITMS, 3. Other Smart solution components, 4. OFC Connectivity, 5. ICCC, 6. Any other CAPEX items.) - T + 8 months M7 - Completion of Integration of Smart devices and existing applications with ICCC and Go-Live - T + 9 months M8 - Operations and maintenance - 5 years from Go-Live"		No change
1572	Vol 3 64.Measurement of SLA Page no. 46			Any delay in the delivery of the Project Deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.2% of the CAPEX of Agreement value per week for first 8 weeks and 0.3% per week for every subsequent week. If the liquidated damage reaches 10% of the total Agreement value, Authority may invoke termination Article.	We request you to amend the clause as: "Any delay in the delivery of the Project Deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.2% 0.01% of the undelivered items CAPEX of Agreement value per week for first 8 weeks and 0.3% 0.02% of the undelivered items value of Capex per week for every subsequent week. If the liquidated damage reaches 10% of the total Agreement value, Authority may invoke termination Article."		No change
1573	Vol 2 5.4.3 Electrical Works and Power Supply			The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	We understand the bills shall be reimbursed as per actual invoices submitted. Hence bidders are not required to consider this cost in the bid value and the electricity bills reimbursed shall be over and above the contract value. Kindly confirm.		SI need to follow procedure as decided by the Puducherry Government.
1574	Vol 3 55.Termination Page no. 38			55.2 Termination by Authority	We request you to include the clause of "Termination by SI" so that contract is balanced. Reference clause is given below for your immediate perusal; "55.3 Termination by SI <i>a. SI may, subject to written approval by the Authority, terminate the Agreement before the expiry of the Term by giving the Authority a prior and written notice at least 3 (three) months in advance indicating its intention to terminate the Agreement.</i> <i>b. In case of Deliverables/ milestone which is approved by the Authority and payment is undisputed, the SI may terminate the Agreement in case of non payment after 90 (ninety) days of serving the invoice to the Authority "</i>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1575	Vol 1 2.29 Eligible Goods and Services, and OEM Criteria: Page 28 of 144			b. The Bidder shall quote only one specific make and model of OEM, for each of the goods. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item code and names and with printed literature describing configuration and functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.	We request you to kindly allow us to propose multiple makes for the auxiliary systems like Servers, Storage, Networking, Bandwidth, Cyber Security Solution, Junction boxes, Video Wall, Poles etc as the same are only support systems and do not play a role in the overall function of the project. This will enable the SI with optimal solution during the project execution and will benefit authority with competitive offers ensuring timely delivery of the project.		No change
1576	Vol 1 2.29 Eligible Goods and Services, and OEM Criteria: Page 28 of 144			b. The Bidder shall quote only one specific make and model of OEM, for each of the goods. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item code and names and with printed literature describing configuration and functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.	Bidder shall provide the Make and model number details of the items along with Product datasheet. We understand that "Item code" referred in the mentioned clause is model number of the product. Kindly confirm.		No change
1577	Vol 1 NOTICE INVITING RFP Page 6 of 144			Earnest Money Deposit (EMD) : Rs. 1,00,00,000/- in the form of Bank Guarantee as per format in RFP Vol-1. The validity for the EMD would be 60 days beyond the original validity period of the bid.	As per the recent Notification No. F.9/4/2020-PPD from the Ministry of Finance, we request you to kindly accept EMD declaration instead of Bank Guarantee. We would like to inform you that recent safe & smart city tenders are issued with this EMD exemption clause.		Please refer corrigendum
1578	Vol 1 4.3 Performance Bank Guarantee (PBG) Page 51 of 144			This Performance Bank Guarantee shall be for an amount equivalent to 10% of total contract value	As per the recent Notification No. F.9/4/42020-PPD from the Ministry of Finance, we request you to kindly limit the Performance Bank Guarantee to 3% of contract value. Hence request you to amend the clause as: "The Performance Bank Guarantee (PBG) shall be for an amount equivalent to 3% of the CAPEX amount at the commencement of Project in the format prescribed in RFP, issued by any of the nationalized banks only. To guarantee its performance under the O&M phase, the Successful Bidder shall provide to Authority in its favour a Performance Bank Guarantee (PBG) which is unconditional, unequivocal and irrevocable for an amount equivalent to 3% of the OPEX amount at the commencement of O&M of the final phase of the Project in the format prescribed in RFP issued by any of the nationalized banks only."		Please refer corrigendum
1579	Vol 2 5.17 Project Deliverables			Go-Live Report	- Partial or Provisional Go-Live Clause to be included with systems which have undergone FAT with no reduction in quarterly opex payment. - Third party audit and related any punch points can be carried post Go-Live - 3rd party integrations should not be linked to Go-Live and It shall be part of O&M as a separate line item, payment against this shall be paid separately - Details of integration shall be clearly defined like API, make and model of existing system etc		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1580	Vol 1 2.11 Bid Formats Page 19 of 144			<p>Certificate from the Statutory Auditor / CA clearly specifying the annual turnover for the specified years As per Pre-qualification criteria – SI # 6</p> <p>Certificate from the Statutory Auditor/ CA clearly specifying the net worth of the firm As per Pre-qualification criteria – SI # 7</p>	As per the clause mentioned on Page 19 of 144, Certificate from the Statutory Auditor / CA is accepted against PQ_6 & PQ_7. However in the "3.5 Pre-Qualification Criteria Page 37 of 144", its is mentioned only statutory Auditor. We understand that CA Certificate is accepted for PQ_6 & PQ_7. Kindly confirm.		Please refer corrigendum
1581	Vol 1 3.5 Pre-Qualification Criteria Page 37 of 144			<p>PQ_6 : Average Annual Turnover : The Bidder should submit the following documents. 1. Audited Balance sheets for the last 3 years. 2. Certificate duly signed by the Auditor with the turnover details from the specific business areas over the last three financial years.</p> <p>PQ_7 : Net worth : In case of Sole Bidder, The Sole Bidder should furnish 7.1.1 Certificate from the statutory auditor of Sole Bidder ascertaining Total Net Worth and Profit after Tax for the last 3 audited financial years (FY 2021- 22, 2020-21, 2019-20).</p>			Please refer corrigendum
1582	Vol 1 3.6.3 Manpower Evaluation Criteria Page 50 of 144			Notes: The above-mentioned manpower should be on role of the sole bidder / consortium partners.	<p>The sole responsibility of the manpower deployment and project execution lies with the bidder however all the resources necessarily may not be required on bidder payroll. Hence, we request you to kindly amend the clause as, "Notes: The above-mentioned manpower should be on role of the sole bidder / consortium partners / OEM / Sub contractor nominated by bidder."</p>		No change
1583	Vol 1 PRICE AND VALIDITY Page 109 of 144			The Total price excluding taxes levies and Duties indicated above will be used for L1 calculations and will be considered as Lumpsum cost quoted by the bidder which should be uploaded online.	We understand that Total Price Excluding taxes levies and Duties shall be considered for L1 calculations. However in the Price bid format, there is no column to quote for the TotalPrice Excluding Taxes. Kindly amend the Price schedule accordingly and provide the revised price bid.		Please refer corrigendum
1584	Vol 1 7.3 Price component for CAPEX Page 110 of 144			Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)			Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1585	Vol 1 7.4 Price component for OPEX Page 131 of 144			The Authority will decide total Man months/man power required during O&M phase Bidder is required to quote for the following staff.	<p>We request you to go through the below mentioned scenario and confirm the understanding for better clarity.</p> <p>Scenario 1 - We understand that bidder need to quote for the Unit Manmonth Cost for the Resources mentioned in the table on page 131 of 144. Unit Manmonth Cost shall be added for arriving the bid price and taken for evaluation, however payment shall be released for Manpower actually deployed as per Authority's decision. Kindly confirm.</p> <p>Scenario 2 - Bidder need to quote for the quantity of Resources mentioned in the table on page 131 of 144 for total 60 Months of O&M. Total cost for 60 Months of O&M shall be added for arriving the bid price and taken for evaluation, however payment shall be released for Manpower actually deployed as per Authority's decision. Kindly confirm.</p> <p>Kindly confirm which of the above mentioned scenario shall be applicable.</p>		No change
1586	Vol 1 7 Annexure 4 – Formats for Submission of the Commercial Bid Page 104 of 144			<p>We offer our Price Bid as mentioned below:</p> <ol style="list-style-type: none"> 1. Total CAPEX price (Excl Tax, Levies Duties) 2. Total OPEX price for 5 years(Excl. Tax, Levies, Duties) 3. Total Price ((1+2) Excl, Tax, Levies Duties) In figures 4. Total Price ((1+2) Excl, Tax, Levies Duties) In Words 5. Total – Tax Levies and Duties, etc. for Capex Price 6. Total – Tax Levies and Duties Tax, etc. for Opex Price for 5 years 7. Total Price All Incl. (Tax, levies Duties Etc.) (3+5+6) 	We understand that bidder need to submit the "Annexure 4 – Formats for Submission of the Commercial Bid" as a part of Commercial bid and same shall be taken for evaluation. Detailed line item wise price with Capex Opex breakup as per Table 7.3 & 7.4 shall be submitted later by the successful bidder. Kindly confirm.		Please refer corrigendum
1587	Vol 3 37. Term and Extension of the Agreement Page number - 27			If any delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in obtaining Applicable Permits/Approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time/ Term, upon a request being made by SI in writing at least three months in advance shall be granted by the Authority in writing.	We request you to kindly change this clause to :- If any delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in obtaining Applicable Permits/Approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time/ Term, upon a request being made by SI in writing at least three months 15 days in advance shall be granted by the Authority in writing.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1588	Vol 2	5.4.3 Electrical Works and Power Supply		The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	We understand that if any transformer is required to be set up for taking / extending the power connection, charges for same shall be borne by the authority. Kindly confirm.		Please refer relevant clause of RFP
1589	Vol 1	6.2 Pre-Qualification Bid Covering Letter	Page 60 of 144	a. We hereby acknowledge and unconditionally accept that the Authority can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of Agency for providing services.	Kindly amend the clause as below: a. We hereby acknowledge and unconditionally accept that the Authority can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of Agency for providing services.		No change
1590	Vol 1	Annexure 5 (b) – Bank Guarantee for Earnest Money Deposit	Page 134 of 144	Know all Men by these presents that we <<... >> having our office at <<Address>> (hereinafter called "the Bank") are bound unto the <<Authority>> (hereinafter called "the Authority") in the sum of Indian Rupees<<Amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Authority, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <<Date>>.	Kindly amend the clause as below: Know all Men by these presents that we <<... >> having our office at <<Address>> (hereinafter called "the Bank") are bound unto the <<Authority>> (hereinafter called "the Authority") in the sum of Indian Rupees<<Amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Authority, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <<Date>>.		No change
1591	Vol 1	Annexure 8 - Format for Power of Attorney to Authorize Signatory	Page 142 of 144	Notes: a. To be executed by all the members individually. b. The Mode of execution of the power of attorney should be in accordance with the procedure, if any laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.	Kindly amend the clause as below: Notes: a. To be executed by all the members individually. b. The Mode of execution of the power of attorney should be in accordance with the procedure, if any laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common / company seal affixed in accordance with the required procedure.		No change
1592	Vol 2	320. ICCC OEM Criteria		Proposed ICCC Platform should have been deployed in at least 3 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.	We request you to amend this clause as, Proposed ICCC Platform should have been deployed in at least 3 smart cities 2 smart cities in India /Global. All these implementations should be successfully operational for least 3 years with Integration to minimum 10 different sub systems /applications. Document Proof: OEM Shall submit P.O and Completion Certificate/ Installation Notes/UAT Certificates from SI as documentary proof. ICCC Platform OEM should have ISO 9001:2015 & ISO 27001:2013.		Please refer corrigendum
1593	Vol 2			T0: Date of issue of LoA/PO.	Both the clause are contradictory. We understand that Project schedule		Please refer corrigendum
1594	Vol 2			T - Contract / Work Order	shall be started once contract is signed with the successful bidder. Hence T		Please refer corrigendum
1595	Vol 1			6.17 Bill of Material	There are so many discrepencies in the Bill of material given at Page 82 of		Please refer corrigendum
1596	Vol 1			7.3 Price component for CAPEX	144 & Price Components provided at page 110 of 144. We request you to		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1597	Vol 1 7.3 Price component for CAPEX Page 110 of 144			7.3 Price component for CAPEX	<p>Few of the items for which quantities are different in Bill of material & Price Schedule are as below:</p> <ul style="list-style-type: none"> -SITC of Traffic Light Aspect- Red (Traffic Enforcement System) - SITC of Traffic Light Aspect- Green (Left, Straight and Right Arrow) (Traffic Enforcement System) - SITC of Traffic Light Aspect- Ambern (Traffic Enforcement System) - SITC of Outdoor Field Junction Box with all necessary accessories (Traffic Enforcement System) - HDPE Pipe (Traffic Enforcement System) - DWC pipe(Traffic Enforcement System) - CAT6 Cable(Traffic Enforcement System) - Pole Mounted Junction Box(Traffic Enforcement System) - SITC of Red LightVoilation Detection (RLVD) System including No Helmet Detection, and TripleRiding detection for covering 4 arms & 8 lanes (2 Lanes in each arm) at each junction with complete hardware including ANPR cameras, Overview Cameras, IR Illuminator, Local Processing Unit, with cabling, accessories & mounting infrastructure as required (Traffic Enforcement System) - SVD Software Application License with ICCC platform Integration 		Please refer corrigendum
1598	Vol 1 7.3 Price component for CAPEX Page 110 of 144			7.3 Price component for CAPEX	<p>Few of the items for which Item decription is different in Bill of material & Price Schedule are as below:</p> <ul style="list-style-type: none"> - Variable Message Display (VMD) and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controler (with all accessories) (Bill of material) Variable Message Display (VMD) and VMD Controller (3m X 2m) Double side display including VMS controler (with all accessories) (Price schedule) - GIS information system - GIS Map Engine, Integration of shape files on base map, crowd sourcing based data and GIS platform with ICCC platform (Bill of Material) GIS integration with ICCC platform (Price schedule) 		Please refer corrigendum
1599	Volume 1,6.17 Bill of Material, 6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance, Page 97 of 144			SITC of PA system (with speakers, UPS and all accessories) (PA for 18 junctions and remaining at various locations across city)- 36 Lot	<ol style="list-style-type: none"> 1. Kindly share the Proposed locations with coordinates for PA System. 2. PA system is mentioned for 18 junctions, however the quantity is given as 36 Lot. Kindly provide the exact quantities of PA system required. 3. Kindly provide clarity on the term "remaining at various locations across city". if additional locations are to be covered with PA System please mention the additional location and additional quantities in the BOQ. 		Please refer corrigendum
1600	Volume 1,6.17 Bill of Material, Smart solution components (i.e., PA, ECB and VMD), Page 98 of 144			SITC of Wireless integrated PA system with 10 speakers, amplifier and integration with existing wireless system: 3 Nos.	<ol style="list-style-type: none"> 1. Kindly provide the detailed technical specifications for the Wireless Integrated PA system 2. Kindly provide make and model details and the functionalify of the existing wireless system. 3. Kindly mention the location details for the Wireless integrated PA System. 		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1601	Volume 2, 6.7 Smart Poles, Page No. 243			It is now proposed to install smart poles in different locations of the city which shall be in turn connected to the ICCC. The various components that are envisaged in the said smart poles are as follows: <ul style="list-style-type: none"> • Fixed Box Camera • Smart Lighting 	Kindly provide the detailed technical specifications of the Smart Lighting to be provided as part of Smart Poles		Please refer relevant clause of RFP
1602	Volume 1, 6.17.1 Integrated Command & Control Centre (ICCC), Page 82 of 144			Installation, Setting up, Interior, Configuration and Testing of Command and Control Centre Integrated Command Control Center = 1350 Sq.ft. Conference Room + Reception + Waiting area = 1400 Sq.ft. Data center Room = 250 Sq.ft Power room = 1110 Sq.ft ICCC Interior (paneling & painting) and all necessary accessories, rodent repellent system, water leakage system, access control system works (Raised Floor, False Ceiling, Ceiling speakers, PVC conduits, MCBs, wiring, cable work, illumination, PA system, earthing, air conditioning, Fire detection and Fire supression, Biometric system, civil, electrical, networking and with all standards). Face lifting of ICCC Building.	Kindly share the Location details along with the Building Layouts and Co-Ordinates of Command and control center for Puducherry Smart City.		To be decided by the Puducherry Government.
1603	Volume 1, 6.17 Bill of Material, Page 81 of 144			General	Kindly provide the field location details, CCC Building details with Co-Ordinates for each systems.		To be decided by the Puducherry Government.
1604	Volume 2, Online UPS for indoor (Data Center / ICCC) Location: 60 kVA, Page No. 123			Capacity / Credentials: Adequate capacity to cover all above IT Components at respective location. Modular (only for ICCC/DC), Redundant(N+N), Scalable up to 300kva & with Hot Swappable type full rated rectifier, inverter & battery charger Power Modules of capacity more than 60 kVA for Command Centre/Data Centre UPS with 10" inch Touch LCD. Hot swap type Dual and Redundant main Controller & Hot swap type with Static Switch. Unitary type UPS for all other purpose in Indoor requirements.	Kindly confirm the the rating of the UPS is 60 KVA only and the modular UPS rack is scalable upto 300KVA.		Please refer relevant clause of RFP
1605	Volume 2, Online UPS for indoor (Data Center / ICCC) Location: 60 kVA, Page No. 123			3. Output Power Factor at Full Load: >0.90 for input & Unity for Output 11. Battery Back-up: Min 2 Hours and as per design consideration (On 0.8 O/P PF load)	The mentioned clauses are contradicting with each other. Kindly Consider the output Power factor as 0.8 only to provide better solution		No change
1606	Volume 2, Online UPS for indoor (Data Center / ICCC) Location: 60 kVA, Page No. 124			Battery: For ICCC/DC, only Li-Ion batteries to be supplied with NMC technology. Compliance/Certification to IEC 62619 or equivalent or Higher, UN38.3. Compact form factor with individual rack of 600mm(W) x 1090mm(D) x 2000mm(H). 2 Level BMS Design (Module CMU & Rack BMU). Communication - CAN2.0/RS485	Please remove the dimensions of racks so that bidders can design the solution and provide better solution.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1607	Volume 2, Online UPS for indoor (Data Center / ICC) Location: 60 kVA, Page No. 124			13. Indicators for AC Mains, Load on Battery, Fault, Load Level, Battery Low Warning, Inverter On, UPS on Bypass, Overload, etc. Metering for Input Voltage, Output Voltage and frequency, battery voltage, output current etc. Event log in display – min 200 no's for 3Ph Unitary UPS & min. 10000 no's for Modular UPS (for ICC/DC)	As we are connecting the ICC/DC UPS to Network and the logs will be collected by the BMS for Monitong. Kindly revise the clause as mentioned below "Event Log for both Unitary & Modular UPS – can store up to 999 Events" .		No change
1608	Volume 2, Online UPS for indoor (Data Center / ICC) Location: 60 kVA, Page No. 124			14. Indicators for AC Mains, Load on Battery, Fault, Load Level, Battery Low Warning, Inverter On, UPS on Bypass, Overload, etc. Metering for Input Voltage, Output Voltage and frequency, battery voltage, output current etc. Event log in display – min 200 no's for 3Ph Unitary UPS & min. 10000 no's for Modular UPS (for ICC/DC)	As we are connecting the ICC/DC UPS to Network and the logs will be collected by the BMS for Monitong. Kindly revise the clause as mentioned below "Event Log for both Unitary & Modular UPS – can store up to 999 Events" .		No change
1609	Volume 2, Online UPS for indoor (Data Center / ICC) Location: 60 kVA, Page No. 124			Operating Temperature - As per City condition and requirement (0 to 50 deg without de-rating on offered O/p Power Factor)	Standard Operating Temperature of UPS is 0 to 40 deg. Kindly revise the operating temperature. As CCC/DC UPS will be located inside the building with proper ventilation to dissipate the heat generated.		No change
1610	Volume 2, UPS for Outdoor application (2 KVA), Page No. 125			3. Input & Output Power Factor at Full Load: min. 0.90. 11. Battery Back-up: Min 2 Hours and as per design consideration (on 0.8 O/p PF load). All UPS below 5kva shall have min. internal charger capacity of 15A	The mentioned clauses are contradicting with each other. Kindly Consider the output Power factor as 0.8 only to provide better solution		No change
1611	Volume 2, UPS for Outdoor application (2 KVA), Page No. 125			11. Battery Back-up: Min 2 Hours and as per design consideration (on 0.8 O/p PF load). All UPS below 5kva shall have min. internal charger capacity of 15A	The Charging Capacity is designed based on the 10% of the Battery. This is standard for all UPS manufacturers. Kindly remove the clause for internal charger capacity .		No change
1612	Volume 2, UPS for Outdoor application (2 KVA), Page No. 125			Inverter efficiency: >90% Overall AC-AC Efficiency: >89% for 1 Ph up to 3kva. For 5kva or higher – 95%	Kindly revise the inverter efficiency to >85% to provide better solution.		No change
1613	Volume 2, UPS for Outdoor application (2 KVA), Page No. 125			6. Output Voltage: 400V AC, Three Phase for over 2 KVA UPS. Single Phase 220/230/240Vac for any rating below 10kva. UPS below 3kva shall have min. one programmable inbuilt Indian type Outlet at back of UPS	1. Kindly remove the clause as this is specific to single OEM. 2. Any load above 5KVA is normally considered to be 3 Phase only. Kindly revise the clause as "Three Phase, 440V AC for any rating below 5 kva".		No change
1614	Volume 2, 6.4.14 Variable Message Display, Page 156			The (VMD) should have : pixel density 2500Pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	Kindly revise the brightness as ">7000 cd/sq.m." for more OEM Participation.		No change
1615	Volume 2, 6.4.14 Variable Message Display,			The (VMD) shall be of IP 67	Kindly revise the VMD IP rating as "IP 54" for More OEM Participation.		No change
1616	Volume 2, 6.4.14 Variable Message Display, Page 156			The cabinet material should be steel and should double side back door for traffic display	Kindly revise the clause as "steel/Mild Steel, Powder Coated – Black" for more OEM participation		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1617	Volume 2, 6.2.19 Three Monitoring Workstations, Page 107 Volume 1, 6.17.1 Integrated Command & Control Centre (ICCC), Page 82			Three Monitors of 22" TFT LED monitor, Minimum 1920 x 1080 resolution, 5 ms or better response time, TCO 05 (or higher) certified. The TFT Monitor, CPU, Mouse and keyboard workstation shall be of same make. 3. SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus	Kindly confirm the number of Monitors. As the mentioned points are contradicting with each other.		Please refer corrigendum
1618	Volume 1, 6.17.1 Integrated Command & Control Centre (ICCC), Page 82			4. Laptop for higher management with office productivity suite licenses	Kindly provide the detailed technical Specification for Laptop for higher management with office productivity suite licenses		No change
1619	Volume 1, 6.17 Bill of Material, Page 81 Volume 1, 7.3 Price component for CAPEX, Page 110			General	The BoM from the section 6.17 and the Price component is not matching. Kindly confirm the Bill of material to be considered. Video conferencing unit is not mentioned in the BoQ but mentioned in the price component		Please refer corrigendum
1620	Volume 1, 7.3 Price component for CAPEX, Page 110			SITC of Video Conferencing Unit	Kindly provide the detailed technical Specification for Video Conferencing Unit		Please refer relevant clause of RFP
1621	Volume 1, 6.17 Bill of Material, 6.17.12 Other Use cases Page No. 104			Digital assistant Application with ICCC platform Integration	As per BOQ, we understand that the integration of Digital assistant application with ICCC is in current scope. Kindly confirm that its is customer responsibility to align the existing partner for the integration support.		Please refer relevant clause of RFP
1622	Volume 1,6.17 Bill of Material, 6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance, Page 97			K.Integration with E Challan software (Central/State/Local), Application at ICCC, including integration with State RTO/ Vahan & Sarathi, Payment Portal, City Mobile App (Emergency vehicles priority, Citizen Cop etc.) / Payment portal and Gateway, PUC integration, SMS portal etc.	As per RFP, we understand that the Integration of the mentioned application has been considered as part of scope. Any kind of support for the necessary integration from the existing partner will be provisioned by Customer.		Please refer relevant clause of RFP
1623	Volume 2,5.12 Junction Box / Outdoor Cabinet, Poles and Cantilever, Page 37			vi. The Junction Box for UPS with Battery bank needs to be considered separately.	Kindly allow us to provide the IT and UPS Battery in the Same junction box by considering separate power compartment and IT Compartment inside the same Junction box. This shall optimise the solution and cost of the project without any impact on the performance.		Please refer relevant clause of RFP
1624	Volume 2,5.13 Power & UPS - for Field Locations, Page 37			iii. SI shall carry out a study and identify locations to provide UPS backup, depending upon power situation across city, to meet the camera and other field equipment's uptime requirements.	Kindly confirm that the battery Backup time will be provided as per RFP BoQ.		Please refer relevant clause of RFP
1625	Volume 1,6.17 Bill of Material, 6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance, Page 85			Adaptive Traffic Control System (ATCS) SITC of 24 Port L2 Industrial Grade Switch with POE at edge location - 44Nos	1. Kindly revise the Field switch at the edge location to have Minimum 8 Port and the overall port requirement will not exceed beyond 8 Ports based on the current input. 2. Kindly add the specifications for Industrial Grade switch.		No change
1626	Volume 1,6.17 Bill of Material, 6.17.1 Integrated Command & Control Centre (ICCC), Page 84			SITC of Internet Connectivity-1G (from 2 Different ISP) to cloud and internet connectivity -1G for smart pole WiFi and indoor WiFi	As per RFP BoQ, we understand that internet connectivity has to be considered from Two different ISP for ICCC/DC. However based on our earlier experience, we can meet the SLA for internet connectivity with single ISP and shall provide a redundant internet connectivity from the same ISP. Hence, kindly revise the bill of material to provide internet connectivity from same ISP. This shall optimise the solution and cost of the project without any impact on the performance.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1627	Volume 2, 5.3 Finalization of Detailed Technical Architecture, Page 25			5.3 Finalization of Detailed Technical Architecture Application Architecture	As per RFP, we understand that the DR is on cloud. However, kindly clarify the following details for DR Deployment. 1. RPO and RTO for Cloud Disaster Recovery Center 2. Whether the DC and DR should in active-active or active- passive 3. DR is 50% of Cloud DC production capacity, clarify whether are understanding is correct. 4. DR is not required for On premise DC (VMS , EMS/NMS)? Kindly clarify 5. If DR is required for On premise DC, kindly share the production capacity of the DR.		Please refer corrigendum
1628	Volume 2, 5.3 Finalization of Detailed Technical Architecture, Page 25			5.3 Finalization of Detailed Technical Architecture Application Architecture	As per the architecture provided in RFP, we understand that the VA application is mentioned in both DC (on-prem) and DC Cloud. Kindly clarify the whether the VA Application shall be hosted on DC only or both DC & DR.		Please refer corrigendum
1629	Volume 2, 6.2.4 Server Specification, Page 82			6.2.4 Server Specification / 3. Processor 2 processors Intel® Xeon® Scalable or AMD 2nd Gen processors	Kindly revise the specification as, "2 processors Intel® Xeon® Scalable or AMD latest Gen processors" as 4th and 3rd generations are latest processors available. To provide better solution		Please refer corrigendum
1630	Volume 2, 6.2.5 Storage, Page 83			1) Storage Capacity should be as per Overall Solution Requirement (usable, after configuring in offered RAID 5 configuration). Storage Capacity after RAID to be provided with 20% additional capacity for future use to be provided. 2) RAID solution offered must protect against double disc failure. 3) Disks should be preferably minimum of 1.2 TB capacity for SSD / SAS and 3 TB for SATA/ NL-SAS (combination as per performance and SLA requirements of overall solution) 4) To store all types of data (Data, Voice, Images, Video, etc) 5) Proposed Storage System should be scalable (vertically/horizontally)	The mentioned clauses are contradicting. Double Disc failure is a functionality of RAID 6. Hence kindly rephrase the clause as below. " 1) Storage Capacity should be as per Overall Solution Requirement (usable, after configuring in offered RAID 6 configuration). Storage Capacity after RAID to be provided with 20% additional capacity for future use to be provided."		Please refer corrigendum
1631	Volume 2, 6.2.7 Core Switch, Page 84			1. Should have minimum 16 nos. QSFP28 based 40/100G ports day one. Should have dual power supply with hot swappable. 2. Should have at least 1.6 Tbps switching fabric. 3. Should have minimum 1000 Mpps (64 Byte) throughput	As per RFP, we understand that the Core switch's port requirement is mentioned as 16 ports only. However standard port requirement in a Data center core switch shall be 24 ports or higher. If the port requirement are changed, subsequently, switching fabric and throughput will impact accordingly. Hence, kindly revise the specifications of Core switch.		Please refer corrigendum
1632	Volume 2, 6.2.7 Core Switch, Page 84			Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	The mentioned clause is OEM specific. For wider OEM participation, kindly remove this clause for all the Switches.		No change
1633	Volume 2, 6.2 On Premise Data Centre (DC) , Page 76			(c) Historical and Other Data like VA Alerts and Violations data should be Stored upto 5 years at on-prem and cloud. (d) Data gathered from all sensors to be stored in Cloud from 1st day till 5 years.	1. Historical and Other Data like VA Alerts and Violations data shall be stored in On premise DC or On cloud DC? Kindly clarify. 2. Storing 5 years of data will increase the cloud infra, hence we suggest to keep data of only 1 year in storage. 3. As DR will be for disaster management, kindly mention the number of days of storage to be considered in DR. We suggest to store data in DR for 7-14 days for 50% of the application.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1634	Volume 2, 6.2 On Premise Data Centre (DC), Page 76			(a) Storage of all outdoor camera feeds at on premise Data Centre primary storage for first 30 days. (b) Storage of all outdoor cameras feeds on secondary storage for further 60 days .	As per RFP, we understand that the Primary storage for 30 days and Secondary storage for 60 days of camera feeds will increase the storage infra, hence we suggest to keep primary storage of camera feeds for 7 days and secondary storage for 23 days.		Please refer corrigendum
1635	Volume 2, 6.2.2 Core Router, Page 77			The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	Kindly rephrase the specification as, "The Router Should support minimum 400 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 4x40/100G QSFP based ports on day one." as the router will connect to the firewall and as per firewall consideration, 2x40 will have scalling issue. Hence, kindly increase the rotuer throughput & 40G port as above for congestion free network.		No change
1636	Volume 2, 6.2.10. Access Switch-24 Port –POE, Page 90			Should have at least 52 Gbps switching fabric.	Kindly revisit the specifications, as the standard switching fabric for 24 port switch will be minimum 128 Gbps.		No change
1637	Volume 2, 6.7.3 Environmental Sensors, Page 247			They should be able to read and report at least the following parameters • Temperature, Humidity • Ambient Light, Sound • CO, NO2 • Mosquito density	Kindly provide the detailed functional requirement and technical specifications for mosquito density Sensor.		Please refer corrigendum
1638	Volume 2, 6.7.3 Environmental Sensors, Page 246			Environmental sensors recorded data shall be used by Smart Environment Mobile application	As per RFP, we understand that a smart environment mobile application is required, kindly provide the details of total number of user licenses and number of concurrent users required.		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1639	Volume 2, 6.7.3 Environmental Sensors, Page 246			Mobile app should be developed for Grievance Redressal of Citizen – where citizen can take the picture, upload the same with Geo Tagging.	Kindly clarify the grievance redressal should be provided as part of Smart Environment Mobile application or a separate application is required for the functionality.		Please refer relevant clause of RFP
1640	Volume 2, 6.7.3 Environmental Sensors, Page 249			15 Data retrieval from CMS via USB and DVD shall be possible	Kindly revise the clause as follows to allow more OEM participation. " Data retrieval from CMS via USB/ DVD shall be possible"		Please refer corrigendum
1641	Volume 2, 6.11 Smart Kiosks, Page 292			The selected Agency is required to use third party portal integration for Hotel, Travel and Event ticket booking services.	We understand that the necessary API/SDK for integration of Kiosk application with third party portals will be provided by the client. Kindly confirm		Please refer relevant clause of RFP
1642	Volume 2, 6.4.14 Variable Message Display, Page 164			6.4.14 Variable Message Display	We observed that only some minor details for Variable Message display is given. We request you to kindly provide detailed technical specifications for Variable Message Display.		No change
1643	Volume 2, 6.7.4 Emergency Call Box, Page 254			4 These should also be capable of being used for Public Address	Requesting the authority to provide clarity for the requirement of usage of ECB as PAS separately. The speaker in ECB is not suitable for addressing the public purposes because too loud mic may lead to interference in distress communication. Hence we recommend the deletion of the mentioned clause.		No change
1644	Volume 2, 6.7.4 Emergency Call Box, Page 254			7 Call Button: Watertight Large backlit Rectangular Push Button, Visual Feedback for button press and call indication	Requesting you to kindly modify the clause to the following to allow more OEM participation "Call Button: Watertight Large backlit Rectangular/Circular Push Button, Visual Feedback for button press and call indication"		Please refer corrigendum
1645	Volume 2, 6.7.4 Emergency Call Box, Page 254			13 Inbuilt Class D Amplifier, 99db SPL	Requesting you to kindly delete this clause as it is restrictive to multiple OEM participation		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1646	Volume 2, 6.7.6 Public Address System, Page 256			7 Speaker: Minimum 3 Speakers 30 W capacity per location	This clause is contradictory to the clause mentioned under IP PA Amplifier as "6. Minimum 2 Inputs and 1 Output relay contacts in Amplifier for connecting external beacon. Therefore requesting you to kindly modify the clause to the following: "7. Speaker: Minimum 2 Speakers 30 W capacity per location"		No change
1647	Volume 2, 6.7.6 Public Address System, Page 257			4. Central Server operating on 2 or more network interfaces 1Gbps or more data rate Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following to allow more OEM participation "4. Central Server operating on 2 or more network interfaces 1Gbps or more data rate"		No change
1648	Volume 2,6.9 Flood Sensors & Alert System, Page 261			Range Options: 2. Max Range: 3 ft (91cm) 30 ft (9.1m) 50ft (15.2m)	As per the BoQ, total requirement for flood sensors are 20 nos. However, as per the technical specifications there are 3 range options provided for the flood sensors. No breakup for each of 3 types are given. Therefore, the authority is requested to provide clarity for the breakup of the 20 nos quantity (Range option wise) since this will have a commercial impact.		No change
1649	Volume 2, 5.9 Integrated Traffic Management System (ITMS)			This system shall capture the infractions of Red light and stop line violations at these junctions.	As per RFP, we understand that Stop line violation licenses are required. Kindly add the Number of licenses required for stop line violations in Bill of material.		No change
1650	Volume 2, 5.9 Integrated Traffic Management System (ITMS) A. Traffic Violation Detection System/B. ANPR System/C.RLVD System,Page 33			The SI shall be responsible for providing all the necessary IT infrastructure for analysis, storage & retrieval of the infraction information at ICCC or any other location as specified in the RFP.	As per RFP,we understand that LPU with the storage of all the infractions (Snapshots only) is only required. Also confirm all the proposed analytics are considered centrally in DC only. Kindly confirm.		No change
1651	Volume 2, 5.9 Integrated Traffic Management System (ITMS) D. Speed Violation Detection (SVD)			iii. System will be able to record the vehicle speed with proof of video/photograph and event time and date	As per RFP,we understand that violation with proof of Video to be considered. We suggest to consider the evidence video shall be T+5sec to T-5sec & snapshot of the violation to be considered as part of evidence. Kindly confirm		The requirement to be met as a complete solution required as per technical design being offered by the bidder.
1652	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.4 Automatic Number Plate Recognition (ANPR),Page 138			The system should detect the vehicles with no license plate and should raise an alert along with the video and snapshots of the vehicle.	As per RFP,we understand that violation with proof of Video to be considered. We suggest to consider the video shall be T+5sec to T-5sec & snapshot of the violation to be considered as part of evidence .Kindly confirm		Please refer relevant clause of RFP
1653	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.5 Red Light Violation Detection (RLVD),Page 139			The system should synchronize the evidence camera, license plate recognition camera and store the record in database with License plate image, image of the vehicle, and at least five snaps showing clearly that the vehicle is crossing the red light / stop line while the signal is RED.	As per RFP clause,we understand that the five snapshots need to be stored as part of the RLVD Solution.But in ANPR section it is mentioned to have video of violation to be recorded as part of the solution.So kindly clarify whether the snapshot and video evidence is required as part of the RLVD solution.		Please refer relevant clause of RFP
1654	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.7 Traffic Analytics,Page 140			The system should have the proven technology-based video analytics for intelligent traffic management applications such as: a) No Helmet Detection System b) Triple Ride and No Helmet Detection System c) Free Left Blocking Detection d) Object classification for detection of stray animals on the road	1.As per RFP, we understood that only these four analytics need to be considered as part of traffic analytics.Kindly confirm. 2. As per BoQ,license for " Free Left Blocking Detection "," Object classification for detection of stray animals on the road " is not considered .Kindly clarify whether bidder need to provide the same as part of the solution.		Please refer relevant clause of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1655	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.11 Video Management &Operator Functions,Page 153			The system should have operator clients for all ITMS related functions including video management functions and configuration of the system.	As per RFP, we understand that operator clients are required for all ITMS related functions. 1.Kindly clarify how many operator licenses need to be considered as part of the ITMS solutions. 2.Kindly clarify any VMS license to be considered for ITMS cameras		Please refer relevant clause of RFP
1656	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.11 Video Management &Operator			Archive Search using dates, time, event etc. a) High Availability/Redundancy of Recording & Database	Kindly clarify whether N:1 or N:N redundancy need to be considered for recording and database servers.		Please refer relevant clause of RFP
1657	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.11 Video Management &Operator Functions,Page 157			The Junction Servers shall record the camera streams locally (continuous, event based, schedule based, trigger based) for the duration as per the requirement.	As per RFP, we understand that camera feeds(Only violations) need to be recorded. No continuous recording of camera feed is required in the junction server. Kindly confirm.		Please refer relevant clause of RFP
1658	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.12.1 ANPR for Entry Exit,Page 195			e. The system shall provide 95% and better detection accuracy and 90% and better license plate conversion accuracy into a text string for Four wheelers and above vehicles for standard reflective license plates	Kindly revise the license plate conversion accuracy to 85% to have more OEM participation		Please refer relevant clause of RFP
1659	Volume 2, 6.4 Intelligent Traffic Management System. 6.4.15 Specification for Speed Violation Camera,Page 203			37.Speed detection system to capture speed upto 200Kmph+/-5% The speed detection use case (along with license plate recognition) should be capable to read speeds in excess of 100- 250 km/hr. A certificate from an institute of repute, which can issue such a certificate in India should be provided to substantiate the claim	As per the speed violation camera specification, "Speed detection system to capture upto 200kmph +/- 5%". Whereas in Functional Specification for Instant Speed System it is mentioned "The speed detection use case (along with license plate recognition) should be capable to read speeds in excess of 100- 250 km/hr". The above mentioned clauses are contradicting. kindly clarify the maximum speed to be captured..		Please refer corrigendum
1660	Volume 2, Red Light Violation Detection System,Page 216			g.The Evidence and ANPR camera should continuously record all footage in its field of view to be stored at the local base station.	Kindly clarify whether continuous recording of camera feeds are required at LPU level.		Please refer relevant clause of RFP
1661	Volume 2, Red Light Violation Detection System,Page			g.The option of live viewing of evidence cameras from the locations shall be available at the ICC.	Kindly confirm that live viewing of evidence camera is required only on need basis.		Please refer relevant clause of RFP
1662	Volume 2, 6.4.20 Automatic E Challan System,Page 227			The proposed system is a comprehensive digital solution for Transport enforcement wing and Traffic Police delivered through an Android based mobile application and a web portal.	Kindly clarify number of mobile and web client access license is required as part of the solution.		Please refer relevant clause of RFP
1663	Volume 2, 6.10 City Surveillance System, Recording and Storage,Page 264			The Recording System shall run independently of the Video Management system and continue to operate in the event that the Management system is off-line.	Kindly provide the camera bitrate /resolution/frame rate at which the Surveillance CCTV cameras are to be recorded.		Please refer relevant clause of RFP
1664	Volume 2, 6.10 City Surveillance System, Recording and Storage,Page 264			For incidents that are flagged by the Police, Authority or any court order, the video of the relevant portion from all relevant cameras should be stored/archived separately for investigation purposes and a committee at Authority can decide when this video feed can be deleted	As per RFP, we understand that we need to store the flagged/registered evidence video for significant number of days.Kindly clarify the number of days the data Storage to be considered.		Please refer relevant clause of RFP
1665	Volume 2, 6.10 City Surveillance System,			General	Kindly clarify whether the bidder need to consider separate license for Investigation scene rebuilding.		Please refer relevant clause of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1666	Volume 2, 6.10 City Surveillance System, c)Proposed ICT Intervention,Page 265			Integration with existing safety & surveillance systems already implemented like existing cameras installed, existing command & control centre as Police Station, etc	As per RFP ,we Understand that existing cameras to be integrated.If yes, 1.Kindly clarify whether any storage for that also to be considered. 2.Provide the camera bit rate/frame rate/resolution /compression rate etc with make and model.		Please refer relevant clause of RFP
1667	Volume 2, 6.10.1 Video Management System: System Architecture,Page 266			The single master server should handle unlimited cameras, unlimited recording servers and unlimited users.	Kindly clarify how many user access license need to be considered for VMS.		Please refer relevant clause of RFP
1668	Volume 2,			General	Kindly add the licenses count in the Bill of material.		No change
1669				Following video analytics and features should be supported based on licensing:	Kindly clarify the following: 1.How many analytics/Usecase need to be considered per camera. 2.Kindly clarify how many online and offline license need to be considered for video summarisation.		The requirement to be met as a complete solution required as per technical design being offered by the bidder.
1670	Volume 2,Video Analytics,Page 284				3.Kindly provide the required technical/functional specification for video summarisation system. 4.How many channels do we need to consider Attribute based search analytics.		The requirement to be met as a complete solution required as per technical design being offered by the bidder.
1671	Volume 1,2.29.d Eligible Goods and Services, and OEM Criteria,Page 29			All CCTV Cameras, Video Management System, Video Analytics Solution/Software and any video/image processing solution within overall project offering should be compliant to ONVIF Core Specification '2.X' for Profile 'S' and preferably Profile 'G'	ONVIF ensures cross-compatibility between different OEMs of cameras and video management software for live view and recording the video feed, including other control signals like time stamping, motion, etc., whereas video analytics software and any video or image processing solution don't send any control signals to the camera by using the ONVIF protocol. Video analytics software and any video or image processing solution use a video feed by using an RTSP stream directly from the camera or through video management software. Restricting video analytics solutions and software and any video or image processing solution OEMs on the ONVIF clause is giving an edge to specific OEMs and restricting others' participation. Hence, we request that you amend the clause as mentioned below for fair and larger participation. d. All CCTV cameras and video management system solutions within the overall project offering should be compliant with ONVIF Core Specification '2.X' for Profile "S" and preferably Profile "G."		Please refer corrigendum
1672	Volume 1, 6.17.5 - P (Flood Monitoring) 3.,Page 101			SITC of Outdoor PTZ camera MP - (2 MP with all accessories) with illuminator	SITC of Outdoor PTZ camera - (2 MP with all accessories) with illuminator 20 Cameras. As we have a total of 560 Camera License for VMS so, kindly provide the VMS License breakup. As per RFP, only 560 VMS licenses are proposed. Kindly rephrase as 560 licenses, since 12 Dome & 20 flood Monitoring camera licenses in ICC are not considered (425 Fixed box+ 35 PTZ+ 12 Fixed Dome(ICC)+ 100 existing = 572 total licenses)).		No change
1673	Volume 2,Object classification for detection of stray animals on the road,Page 285			ii.The system should generate an automatic alert with the details (image, location etc..) of the animal blocking the traffic	This clause is not relevant for the ITMS system. Animal detection is part of the video analytics system. we request kindly change clause from the ITMS to Video analytics system.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1674	Volume 2,6.4.12.1 ANPR for Entry Exit,Page 153			The system shall be flexible to capture the license plates and the traffic violations (subject to the required field of view) from front-side or back-side using a single camera for two lanes at least	As per standard practice one camera is used to cover the single lane of width 3.5m.So kindly remove the clause.		No change
1675	Volume 2,6.13 External IR Illuminator (Optional),Page 252			General	In a smart city and safe city ITMS project, External IR Illuminator plays a very crucial role for night vision accuracy for ANPR/RLVD/SVD System.Kindly revise the optional requiremnt of IR. Kindly revisit the Technical Specification for Multiple OEM Particiaption		No change
1676	Volume 2,RLVD Camera Technical Specification,Page 221			Lens- 5.5-62 mm (+/- 1mm) Motorized Varifocal Lens or better	For evidence capture wide angle lens is required. Kindly revsie the lens to 2.8-12mm or suitable lens to achieve the requirement.		No change
1677	Volume 2, RLVD/SLVD/ANPR/Overview/Evidence/Fixed Camera , Page No 155			"Application Programmers Interface- 1. The interface shall be available for integration with 3rd party analytics and applications in public domain"	Kindly remove the clause as it limits the wider participation of OEMs.		No change
1678	Volume 1, 6.17.1 Integrated Command & Control Centre (ICCC) Page No. 97 of 144, 7.3 Price component for CAPEX Page No. 124			6.17.1 Integrated Command & Control Centre (ICCC) Variable Message Display (VMD) and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controler (with all accessories) - 11 Lots 7.3 Price component for CAPEX Variable Message Display (VMD) and VMD Controller (3m X 2m) Double side display including VMS controler (with all accessories - 11 Nos	As per RFP 6.17.1 Integrated Command & Control Centre (ICCC) Size of the VMD is contradicting with 7.3 Price component for CAPEX. Kindly Confirm the Size of the VMD.		No change
1679	Volume 1, 6.17.1 Integrated Command & Control Centre (ICCC) Page No. 98 of 144, 7.3 Price component for CAPEX Page No. 124 of 144			6.17.1 Integrated Command & Control Centre (ICCC) SITC of Online UPS with batteries (2 hr. backup at full load, 2Kva)- VMD and environmental sensor - 40 Nos 7.3 Price component for CAPEX SITC of Online UPS with batteries (30 min. backup at full load, 2Kva)- VMD and environmental sensor - 40 Nos	As per RFP 6.17.1 Integrated Command & Control Centre (ICCC) Backup Time of UPS is contradicting with 7.3 Price component for CAPEX. Kindly Confirm the Backup time of UPS.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1680	Volume 2,6.8	Geographical Information System,	Page 361	It is envisioned that location-based GIS applications are critical for PSCDL and plays major role in disseminating information & data to stakeholders, visitors / tourists. Keeping view of this it is proposed to deploy integrated GIS Engine in ICCS Platform which can be further integrated with the MAPs like Google, Open Street Etc.	<p>As per Smart city project requirements, a GIS based application for Mapping,Visualization,Geotagging of all smart assets(Camera, Sensors etc.) and GIS based DSS is required. So, we request you add deliverables like GIS based Application development for DSS and Integrated Survey solution for geotagging and collection of all smart application elements like Camera, Sensors etc.</p> <p>As per above requirements of Smart city, supply of GIS based Platform is required to cater the above mentioned needs. The platform should have both GIS and Image processing components to fulfil the smart city objectives.</p> <p>In India , 90% implemented smart cities project are running in COTS GIS platform. Additionally, the web application which is built over COTS GIS platform should be secure and should adhere to all security standards as prescribed by Govt of India. So taking above things into consideration, the departments should consider COTS based GIS and Image processing capabilities platform which can fulfil the prescribed requirements. COTS software's are being developed to cater all the needs with numerous functions out of the box and they also provide scalable and secure architecture which will ensure data security and constant performance. COTS product comes with a warranty and also upgradation which is done by the development team.</p> <p>We kindly request you to remove the necessity of usage of open source software in the specifications and add usage of COTS based GIS enterprise platform and add the same in BOQ .</p>		No change
1681	Volume 2,6.8	Geographical Information System,	Page 361	GIS platform should support different layers like - Ward Boundary Layer - Zone Boundary Layer - Street Boundary Layer etc.	<p>As per our experience in different smart city projects , an updated city centric Base Map is essential for project implementation. Since in the RFP , basemap creation has not been mentioned, we assume that the basemap will be provided by the department. Please confirm.</p> <p>And If the basemap is not available with the department , then it needs to be created by using latest satellite image having spatial resolution 0.3m. So, we recommend to add " Base map creation " point in the RFP, along with the scale on which it has to be created . The base map should be of suitable scal. All features that are visible in High resolution satellite image needs to be extracted to spatial data with all correspondence attribute information. SO, we request you to add below components also -</p> <ol style="list-style-type: none"> 1) "Base map creation for city at suitable scale as visible in satellite image" 2) "Procurement of latest High resolution images on 0.3m resolution from NRSC" 		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1682	Volume 2, 6.8 Common Enabling System,361 Volume 2, 6.8 Integration Experience Smart City,361 Volume 2, 6.8 Integration Experience Smart City,361			It should be possible to visualize all the Assets (Sensor, Devices, Vehicles, Cameras, other city resources) on map. i. Surveillance System with 500 cameras. v. Flood Sensors :10 no's vi. Smart Poles – 20 nos vii. Environmental Sensor – 15 nos	As per our understanding, A GIS based Integrated Survey solution will be required for collecting the locational and attribute information of all smart city elements. Additionally this collected feature should be Sync with central server automatically for visualization in GIS Geoportal and other smart city applications. So, we request you to add below mentioned components in BOQ as - " Supply and Deployment of GIS based Integrated Survey solution for Geotagging of smart elements "		No change
1683	Volume 2, Common Enabling System,Page 207			Platform must provide ability to configure various geo-spatial data from different providers including but not limited to City GIS systems	Every smart city requires a Web-GIS portal for viewing, analysing and utilizing the Geographic Information to fulfil the needs of department . Therefore, we would like to recommend the customization of a GIS portal that will act as a decision support system for the department with all required GIS based functionalities. So please add the development of web GIS Portal in the BOQ.		No change
1684	Volume 2, Use cases to be deployed / integrated,Page 402			GIS Platform	In this particular section use cases related to GIS Platform needs to be implemented. Therefore, we request you to please provide in detail all required use cases regarding to GIS Platform / GIS based web application.		No change
1685	Volume 1,Bill of material,Page 96			Video management system (supporting open standard / ONVIF) - camera license (460 new cameras + 100 Existing IP cameras)	1.Kindly provide the existing camera specifications and make model details. 2.Kindly confirm whether the existing cameras are ONVIF complied or not.		Please refer relevant clause of RFP
1686	Volume 2, 6.2.3. Firewall + IPS Page No. 78			General	Please confirm if we need to provision for High Availability at DC & DR. Kindly add the same in the BoQ.		Please refer relevant clause of RFP
1687	Volume 2, 6.2.13 AAA Server Page No. 94			General	Please confirm if we need to provision for High Availability at DC & DR. Kindly add the same in the BoQ.		Please refer relevant clause of RFP
1688	Volume 2, 6.3 Cloud Services to deploy all smart solutions Page No. 126			27. Cloud Service Providers must offer Cloud native/ 3rd party SIEM Marketplace solutions turnkey SIEM offering by which customers can configure real-time analysis and alerting of security events. At a minimum, the integration or service must support alerting, log retention and some form of forensic analysis that is able to search across logs and periods of time for patterns.	Please provide the desirable log retention period.		Please refer corrigendum
1689	Volume 2, 16 Annexure V : Guidelines Page No. 278			xiii. For custom made modules, industry standards and norms should be adhered to for coding during application development to make debugging and maintenance easier. Object oriented programming methodology must be followed to facilitate sharing, componentizing and multiple use of standard code. Before hosting the application, it shall be subjected to application security audit (by any of the CERTIN empanelled vendors) to ensure that the application is free from any vulnerability; and approved by the Police Department.	Kindly confirm on the frequency of security audits to be considered		Please refer relevant clause of RFP

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1690	Vol 1, 3.5 Pre-Qualification Criteria, Page 34 of 144			Legal Entity	We request you to add the below clause in the Pre qualification criteria. Note: - A bid submitted by a Bidder who has acquired a Company/Division/Business Unit of a company OR subsidiary company of its parent organisation OR a bidder organisation undergone name changes, shall also be considered for evaluation if the eligibility and technical evaluation criteria is met jointly by the bidder and the parent Company/Division/ Business Unit acquired. Document required: BTA or Board regulation of both company or valid order of merger & acquisition from ROC and/or Court. AND/OR Name change document (In case of name change)		Please refer corrigendum
1691	RFP Document Reference (volume): Vol II Section#:Online UPS for indoor (Data Center / ICC) Location: 60 kVA SI No:1 Page#: 123-124			Capacity / Credentials - Adequate capacity to cover all above IT Components at respective location. Modular (only for ICC/DC), Redundant(N+N), Scalable upto 300kva & with Hot Swappable type full rated rectifier, inverter & battery charger Power Modules of capacity more than 60 kVA for Command Centre/Data Centre UPS with 10" inch Touch LCD. Hot swap type Dual and Redundant main Controller & Hot swap type with Static Switch. Unitary type UPS for all other purpose in Indoor requirements.	Please Confirm individual Module Size for required 60KVA modular UPS		Please refer relevant clause of RFP
1692	RFP Document Reference (volume): Vol II Section#:Online UPS for indoor (Data Center / ICC) Location: 60 kVA Battery SI No:12 Page#: 124			For ICC/DC, only Li-Ion batteries to be supplied with NMC technology. Compliance/Certification to IEC 62619 or equivalent or Higher, UN38.3. Compact form factor with individual rack of 600mm(W) x 1090mm(D) x 2000mm(H). 2 Level BMS Design (Module CMU & Rack BMU). Communication - CAN2.0/RS485	We are having Li-ion battery with LFP technology it is more efficient comparing to NMC, please refer technical difference more clarification.		No change
1693				For ICC/DC, only Li-Ion batteries to be supplied with NMC technology. Compliance/Certification to IEC 62619 or equivalent or Higher, UN38.3. Compact form factor with individual rack of 600mm(W) x 1090mm(D) x 2000mm(H). 2 Level BMS Design (Module CMU & Rack BMU). Communication - CAN2.0/RS485	What is the purpose of Li ion batteries, SMF Battery is most efficient and cost effective solution for the same UPS. Can we go with SMF Batteries.		No change
1694	RFP Document Reference (volume): Vol II Section#:6.7.4 Emergency Call Box: Page#: 212			Transmission Bandwidth 16000 Hz	16K HZ is specific to only one OEM, It is required only if we play high profile music and it will also consume more bandwidth as compared to G 7.22, and for voice messages/announcements G 7.22 is more than sufficient as human voice cannot go more than 7K Hz, Hence G 7.22 should also be allowed.		No change
1695	RFP Document Reference (volume): Vol II Section#:PAS Central Server			1Gbps data rate	10/100 Mbps is more than sufficient for Audio, Hence the same shall be allowed		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1696	RFP Document Reference (volume): Vol II Section#: Online UPS for indoor (Data Center / ICC) Location: 60 kVA Page#: 123			Capacity / Credentials: Adequate capacity to cover all above IT Components at respective location. Modular (only for ICC/DC), Redundant(N+N), Scalable upto 300kva & with Hot Swappable type full rated rectifier, inverter & battery charger Power Modules of capacity more than 60 kVA for Command Centre/Data Centre UPS with 10" inch Touch LCD. Hot swap type Dual and Redundant main Controller & Hot swap type with Static Switch. Unitary type UPS for all other purpose in Indoor requirements.	Please Clarify Required Modular UPS or Standalone with Parallel . In case required Modular UPS System then please clarify the actual Frame size is required , Frame Size standard is 120 KVA,150KVA ,200KVA,250 kVA & 300 KVA , Power Module standard is 25 KVA,30 KVA and 50 KVA		No change
1697	RFP Document Reference (volume): Vol II Section#: Online UPS for indoor (Data Center / ICC) Location: 60 kVA Page#: 123			Capacity / Credentials: Adequate capacity to cover all above IT Components at respective location. Modular (only for ICC/DC), Redundant(N+N), Scalable upto 300kva & with Hot Swappable type full rated rectifier, inverter & battery charger Power Modules of capacity more than 60 kVA for Command Centre/Data Centre UPS with 10" inch Touch LCD. Hot swap type Dual and Redundant main Controller & Hot swap type with Static Switch. Unitary type UPS for all other purpose in Indoor requirements.	As recommend based on the Load for modular Design (N+1) Redunat		No change
1698				The CSP must be registered company in India for at least 10 years as on date of bid submission	• For Companies with Indian origin certificate of Incorporation / Registration under companies Act, 1956/2013.		
1699				providing Data center, Cloud, SOC & Complete	• Memorandum and Articles of Association		
1700				The CSP should have an average turnover of INR 75 Crore from IT Services and Cloud Services business during the last 3 audited financial years.	• Audited statement for last 3 financial years of the bidder.		
1701					• Certificate from the Chartered Accountant/ statutory auditor/ Company Secretary clearly specifying the annual turnover from the operations of IT business		
1702				The CSP should have a positive net worth for the last 3 financial years from the date of RFP/EOI	Certificate from the CA clearly specifying the Net worth for the specified year to be provided.		
1703				The CSP must have a valid GST Registration in India and PAN	GST Registration Certificate and PAN		
1704				As on date of the submission of the proposal, the CSP should not be blacklisted or debarred by any Central/State governments/PSU or any other Government organisation in India	Self-certificate on company's letter head duly signed by company secretary.		
1705				The CSP should have experience of executing at least 10 IT projects (Cloud/ DC and DR Hosting) for any Govt. organisation/ PSU in India during the last 3 years.	Copy of Work orders/Client Certificate/Agreement		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1706				The CSP should have experience of hosting Smart Initiative (Smart Cities or Meters)/AMI related projects for minimum 5 or more Government organisations/PSUs/DISCOMs/Power Sector Organizations in the last 5 years.	Copy of Work orders/Client Certificate/Agreement		
1707				CSPs must have at least three Smart Meter projects running from Government Community Cloud and One of the projects should have workload of more than 15 Lakh Smart Meters.	Copy of Work order / RFP Documents/ Supporting documents		
1708				The CSP should have at least 3 different Tier 3 Rated Data Centres, which should be empanelled by Meity and audited by STQC.	Valid Certificate(s) by the relevant certifying agency.		
1709				The CSP should have been in Cloud business providing Government Community Cloud, Virtual Private Cloud, and Public Cloud for at least 5 years from the date of bid submission.	Copy of Work orders/Client Certificate/Agreement		
1710				The CSP should have of the following Certifications valid at the time of Bidding:	Valid Certificate(s) by the relevant certifying agency.		Please refer corrigendum
1711				1. ISO 9001			
1712				2. ISO 27001 (ISO 27017 and ISO 27018)			
1713				3. ISO 20000-1			
1714				4. SOC1, SOC2 & SOC 3 Certification			
1715				5. Certificate from Uptime Institute or TIA 942.			
1716				6. MeITY empanelled letter and STQC audit certificate.			
1717				The CSP must have at least 3 different Data Centers serving Government Community Cloud in at least 2 different Seismic zones.	Valid Certificate(s) by the relevant certifying agency.		No change
1718				Request to have the solutions to the queries not mentioned in the RFP in respect to DC & DR	kindly mention What is the budget for the project.		Please refer relevant clause of RFP
1719					What are the specific requirements for the ICCC?		
1720					Building Datacenter on turnkey basis		
1721					What are the specific requirements for the other associated activities?		
1722					kindly mention peak hours for server usage		
1723					Kindly specify the number of smart devices to be integrated for PSCDL to DC & DR		
1724					Number of Branches		
1725					Number of users per Branch		
1726					Desired Datacenter Tier level		
1727					Location of the Head Office where the datacenter is to be build		
1728					Existing Servers, Storage, Network device details		
1729					Is there any provision for backup, if Yes, then what is it.		
1730					Existing Database size on the server		
1731					What would be the data size after centralized operations		
1732					Number of users in Head office		
1733					Details of the Application to be installed on the Servers		
1734					If there is no application installed then is the Application solution desired		
1735				Is the application based on TIER's			
1736				Tier 1 Application (Web, App and DB on single server)			
1737				Tier 2 Application (Web and App on single Server and DB on another server)			

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1738					Tier 3 Application (Separate servers for Web, Application and Database)		
1739					Kindly specify RPO		
1740					Kindly specify RTO		
1741	RFP Vol I: Section#: 2.8 Earnest Money Deposit (EMD) / Bid Security Page#: 17			The bidder should also submit an EMD of Indian Rupees (Rupees one Crore only) in the form of Demand Draft or in the form of Bank Guarantee from a nationalized or scheduled bank in India	Request amend this as "The bidder should also submit an EMD of Indian Rupees (Rupees Fifty Lakhs only) in the form of Demand Draft or in the form of Bank Guarantee from a nationalized or scheduled bank in India"		Please refer corrigendum
1742	RFP Vol II: Section#: 15 Annexure III: Project Milestones and Payment Schedules for Implementation			Completion of Integration of Smart devices and existing applications with ICCCL and Go-Live: T + 6 months	Request to amend as "Completion of Integration of Smart devices and existing applications with ICCCL and Go-Live: T + 9 months "		No change
1743	RFP Vol II: Section#: 5.19 Project Timelines – Component wise Page#: 46			After T0+180 days, a penalty of 5% on the amount to be released on completion of same milestone value per week up to the maximum value of 10% on the amount to be released on completion of same milestone. However, Delay beyond two (2) weeks would lead to termination of contract.	Request to amend as "After T0+180 days, a penalty of 1% on the amount to be released on completion of same milestone value per week up to the maximum value of 10% on the amount to be released on completion of same milestone. However, Delay beyond two (2) weeks would lead to termination of contract." if there are delay in approvals from the department		Please refer corrigendum
1744	RFP Vol II: Section#: 5.14 Civil and Electrical Works Page#: 39			Electricity Charges for implementation and O&M period for all the systems has to be borne by the SI and cost of electricity will be reimbursed on monthly basis to SI by RAILTEL / DRDM/ PSCDL	Request to amend this as "Electricity Charges for implementation and O&M period for all the systems has to be borne by the RAILTEL / DRDM/ PSCDL and cost of electricity will be reimbursed on monthly basis by RAILTEL / DRDM/ PSCDL"		No change
1745	RFP Vol II: Section#: Diesel Generator Set 200 KVA Specification: Kirloskar/Cummins/Eicher/Mahindra/Cooper Page#: 122			FUEL TANK: 400 Litres capacity fuel tank with mounting brackets, complete with level indicator, fuel inlet & outlet, air vent, drain plug, inlet arrangement for direct filling & set of 5 ft. Long fuel hoses.	The fuel expenses should be borne by RAILTEL / DRDM/ PSCDL		No change
1746	RFP Vol II: Section#: Diesel Generator Set 200 KVA			Diesel Generator Set 200 KVA Specification:	Please mention the distance between Generator and command control room		SI Scope of survey
1747	RFP Vol II:			Diesel Generator Set 200 KVA Specification:	Please mention the distance between Generator and Transformer		SI Scope of survey
1748	RFP Vol I: Section#: 6.17.1 Integrated Command &			6.17.1 Integrated Command & Control Centre (ICCC)	Please mention which floor and exact location		To be decided by Puducherry Government
1749	RFP Vol I: Section#: 2.27 Sub-Contracting			Internet Service Provider/Network Service provider.	Request to Add "Internet Service Provider/Network Service provider. The expenses will be borne by RAILTEL / DRDM/ PSCDL		No change
1750	RFP Vol II: Section#:5.4.2 Existing Traffic Signal system Page#: 28			The dismantled infrastructure shall be delivered at the designated location of PSCDL/DRDM without damage at no extra cost.	Request to amend as The dismantled infrastructure shall be delivered at the designated location of PSCDL/DRDM. The expenses will be borne by RAILTEL / DRDM/ PSCDL"		No change
1751	RFP Vol II: Section#:5.15 Cabling Infrastructure Page#: 39			SI shall ensure the installation of all necessary cables and connectors between the field sensors /devices assembly, outstation junction box, for pole mounted field sensors /devices the cables shall be routed down the inside of the pole and through underground duct to the outstation cabinet.	With underground cabling work, practically it is not possible to complete the project within 6 months. Please allow to go ahead with overhead cabling		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1752		RFP Vol I: 6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance Page# 85		4 SITC of pedestrain countdown Timer Number 80	Requesting to amend the clause as below: 4 SITC of pedestrian countdown Timer Number 160 Justification: As the SITC of Pedestrian Lamp heads- stop & Walkman given in the BoQ is 160, therefore the SITC of pedestrian countdown Timer shall be 160 units as well because these units will be put on the Pedestrian Lamp heads itself.		No change
1753		RFP Vol I: 6.17.2 Intelligent Traffic Management System (ITMS) & General Surveillance Page# 85		7 SITC of Standards Poles for Traffic Signal Number 80	Requesting to amend the clause as below: 7 SITC of Standards Poles for Traffic Signal Number 89 Justification: Secondary set of lights is being proposed for more visibility in the city. Hence we request you to revise the quantity for standard poles as well. Calculation is as follows: 3 arm junction: 4 nos 4 arm junction: 4 nos 5 arm junction: 5 nos		No change
1754		RFP Vol I: 6.17.2 BoQ Page# 85		Additional Clause:	Request to add the following line item to the BoQ: 26 Simulation model (per junction) Nos 22 Justification: The simulation model will assist traffic police/operators to visualise the on-ground issues better and act proactively by evaluating multiple strategies. As simulation functionality is asked in the functional specifications of the software, we request you to add the simulation model in the BoQ as well.		No change
1755		RFP Vol II: 6.4.14 Variable Message Display Page#: 10		· The (VMD) should have : pixel density 2500pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >12300 cd/sq.m., color amount 16million., Contrast 3000:1,	Requesting to amend the clause to the following: "· The (VMD) should have : pixel density 10000pixels/sq.m , RGB Resolution 16pixelsX 8 pixels, brightness >5500 cd/sq.m., color amount 16million., Contrast 3000:1" Justification: As prevalent in various smart cities, a minimum pixel density of 10000pixels/sq.m would be required thereby giving more clarity to the images/text/ videos to be displayed in the VMD. Accordingly, brightness requirement of >5500 cd/sq.m would be sufficient. Therefore, the authority is requested to accept this change.		No change
1756		RFP Vol II: 6.4.14 Variable Message Display Page#: 10		· The (VMD) shall be of IP 67	Requesting to amend the clause as below: "· The (VMD) shall be of IP65 on the front display and IP54 on the rear/sides" Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India		No change
1757		RFP Vol II: 6.4.14 Variable Message Display Page#: 10		· The cabinet material should be steel and should double side back door for traffic display	Requesting to amend the clause as below: "· The cabinet material should be steel and should be double side back door for maintenance access" Justification: There seems to be an error in the clause because of which it lack clarity in understanding. Back doors for VMD are provided for maintenance purposes and not for traffic display. The Authority is requested to accept this change and do the correction.		Please refer corrigendum
1758		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 15		Additional Clause:	Requesting to add the following clause: The controller shall allow interfacing with the ATCS application using an industry-standard protocol such as UTMC/UG405 or NTCIP. No Proprietary communications protocol shall be allowed Justification: The UG405 protocol is a widely accepted protocol and already has a lot of installations in India.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1759		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 15		Additional Clause:	<p>Requesting you to add the following clause:</p> <p>Double-cycling: ATCS systems optimise signal timings for a group of junctions including determining the optimal offset for chosen stages between adjacent traffic signals. All the signal in a group typically run on a common cycle time in order to maintain a stable offset as determined by the system. ATCS systems determine group cycle times based on traffic demand at the critical junction. However, there could be junctions in a group with low traffic demand for all traffic streams where longer cycle times determined based on traffic at the critical junction could increase delay. Hence, the user shall have the ability to specify minor junctions in a group whose cycle times will be half the cycle time of the critical junction while maintaining stable offsets; this is called double-cycling. The system shall have the ability to optimise signal timings for a group of junctions that may include one or more junctions running double-cycling.</p> <p>Justification: Double cycling will assist in optimizing traffic at critical junctions and will lead to better network performance</p>		No change
1760		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 15		Additional Clause:	<p>Requesting to add the following OEM criteria for ATCS OEMs:</p> <p>The ATCS OEM should have deployed 5 Cities in India with a minimum of 20 junctions each in the past 5 years. Work orders and self-certified completion (above 90%) are to be submitted along with project details.</p> <p>Justification: The city has not asked for OEM Criteria from ATCS OEMs, since ATCS is a very crucial part of this tender we would request the city to add the above-mentioned criteria in order to evaluate the best system for the city.</p>		No change
1761		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 16		1 The Traffic Signal Controller equipment is a 32 bit or 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases, and junction groups. The controller will ideally have a conflict monitoring facility to ensure that conflicting, dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have 5 year warranty	<p>Requesting to modify the clause as below:</p> <p>1 The Traffic Signal Controller equipment should be a 64-bit microcontroller with a solid-state traffic signal lamp switching module with the ability to program any combination of traffic signal stages, phases and junction groups. The controller shall preferably have a conflict monitoring facility to ensure that conflicting, and dangerous are pre-flagged at the programming stage and these are disallowed even during the manual override phase. Should have a 5-year warranty. The controller shall have a clock speed of at least 1.2 GHz</p> <p>Justification: This would enable the controller to run faster and process more data and complex logic quickly resulting in enabling of AI-based optimisation</p>		No change
1762		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 16		3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through a keypad or laptop. A minimum of 512KB flash memory and 128KB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.	<p>Requesting to revise the clause as below:</p> <p>3 Site-specific configuration data shall be stored in a non-volatile memory device (FLASH memory) easily programmable at the site through keypad or laptop. A minimum of 2GB flash memory (inbuilt/external) and 1GB RAM shall be provided. Volatile memory shall not be used for storing the junction-specific plans or signal timings.</p> <p>Justification: The detectors produce a lot of vehicle-by-vehicle data which will be lost if the controller memory or the processing power is less.</p>		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1763		RFP Vol II: 6.4.19 Adaptive Traffic Control System Page#: 16		5 The controller shall provide a real-time clock (RTC) with battery backup that sets and update the time, date, and day of the week from the GPS. The RTC shall have a minimum of 10 years battery backup with maximum time tolerance of +/- 2 sec per day.	Requesting to amend the clause as below: 5 The controller shall provide a real time clock (RTC) with battery backup that set and update the time, date and day of the week. Justification: As the RTC is GPS based timing mechanism and it works with NTP servers, hence there is no requirement of power backup. It doesn't drift due to the availability of GPS.		No change
1764		RFP Vol II: 6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation Page#: 18		Full ATCS (FATCS): In FATCS mode, the traffic signal controller shall execute stage timings as per demand within the constraints of Minimum Green, Maximum Green running period for the stage, and Cycle time specified by the Central Computer during every cycle switching. Pre-emption for all demand actuated stages except Priority Stage shall be possible in this mode. The traffic signal controller shall identify a communication failure with the central computer within a specified period. In such an event the signal plan timings shall be executed from the local timetable stored in the traffic signal controller FLASH memory. The fallback mode of the traffic signal controller shall be vehicle actuated. On the restoration of the communication with the central computer, the traffic signal controller shall automatically resort to FATCS mode. The traffic signal controller shall accept commands for remote selection / de-selection of the following from the Central Computer at ICCS.	Requesting you to modify the clause to the following: The system shall be able to optimise the signal timing of a group of junctions in a given region based on detector data while maintaining offset coordination for the dominant traffic flow in the region. The adaptive algorithm should carry out model based estimation. The model shall be able to estimate and predict the traffic state for entire road network including the major links that do not have detection.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1765		RFP Vol II: 6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation Page#: 18	5	Transit Signal Priority (TSP) for buses: The traffic signal controller shall provide transit signal priority for buses in the dedicated lane to ensure minimum stop delay at the intersection, without violating safety clearances.	Request to add the following clause: The traffic signal controller shall provide transit signal priority for buses and other emergency vehicles to ensure minimum stop delay at the intersection, without violating safety clearances. The system shall provide following functionalities: - The ATCS system shall interface with the GPS device in the bus/ambulances and provide them the priority in crossing the junction. - It shall also be possible to integrate the RFID reader in the ATCS system for identifying the buses & other vehicles of significance near the junction to providing priorities. - The system shall be able to determine the priority order of each vehicle when there are multiple priority vehicles simultaneously present at a given junction, and accordingly determine which get the priority first. - The priority can be given either as an extension to green stage or a forced switching to a green stage depending on the current state of the signal. - The system shall also compensate the other stages for the lost green after the passage of the priority vehicle in order to minimize congestion. - An additional mobile application shall be provided for emergency/VIP vehicles without GPS devices with the following features: --Role-based selective user login --Emergency mode on/off --Auto timeout feature of the emergency mode --GPS based location information to the ATCS system Justification: This will improve the public transport efficiency within the city, which will, in turn, result in a modal shift towards public transport resulting in reduced congestion. This will also help in the quicker		No change
1766		RFP Vol II: 6.4.19 Adaptive Traffic Control System Police Panel Modes of Operation Page#: 20	2	Detector Interface: A minimum of 16 vehicle detector inputs shall be available in the controller. All detector inputs shall be optically isolated and provided with LED indication for detection of the vehicle For future scalability to ATCS	Requesting you to revise the clause as follows: 2 Vehicle Detector Interface: • Direct interface with detectors from the ethernet port. • Compatible with the proposed Camera Based detectors Justification: This basic open collector input is obsolete and is valid for capturing only vehicle presence in defined zones. However, the detailed traffic data generated from the proposed detectors itself would be lost because of it. Hence, it is better to have data transfer via an ethernet port. This data would include the conventional vehicle presence data along with classified counts and other traffic data.		No change
1767		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Timer Page#: 21	3 4	There should be alternate Red and Balance phase time for STOP or STP in Flashing Alternate Green and Balance Phase Time for Go in Flashing	Requesting to amend the clause to: C Dimensions 360mm x 370mm x 220mm or similar Justification: The mentioned dimensions are very specific and all the OEMs may not have the same kind of die for housing.		No change
1768		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Timer 3 Display Specification Page#: 35	D	No. of Digit 3	Requesting you to revise the clause as follows: D No. of Digit 3 upto 199 Justification: In the proposed size digits upto 199 are only possible		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1769		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Time Page#: 36		C Operating Temperature -20 to + 60 °C	Requesting you to kindly modify the clause to: C Operating Temperature 0°C to + 60 °C Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		No change
1770		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Time Page#: 36		B Input Power 85-260V AC, 50Hz	Requesting you to kindly modify the clause to: B Input Power 85-260V AC, 50Hz or 12/24VDC Justification: DC lights are safer as they omit the chance of electrocution on short-circuiting and pedestrian safety on the poles.		No change
1771		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Time Page#: 36		11 Should have relevant certification like ERTL/STQC/CE/FCC etc. should have minimum 5 year warranty	Requesting you to modify the clause to the following: 11 Should comply to IRC guidelines and should have minimum 5 year warranty Justification: These certificates are not relevant to Signal Controllers, hence requesting you to allow compliance to IRC standards.		No change
1772		RFP Vol II: 6.4.19 Adaptive Traffic Control System Countdown Time Page#: 36		4 Integrated Keyboard and LCD for easy junction programming	Requesting you to modify the clause to the following: 4 Detachable Keyboard and LCD for easy junction programming Justification: This is an OEM-specific clause. Requesting you to allow detachable keyboard and LCD.		Please refer corrigendum
1773		RFP Vol II: SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type Page#: 37		2 The LED signal heads are to be compliant with Class A (-15 to + 60) for use in a class A environment,	Requesting you to modify the clause to the following: 2 The LED signal heads are to be compliant with Class A (0°C to + 60°C) for use in Indianm environment Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		Please refer corrigendum
1774		RFP Vol II: SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type Page#: 37		8 Should withstand temperatures ranging from 0 Degree Celsius to 70 Degree Celsius	Requesting you to modify the clause to the following: 8 Should withstand temperatures ranging from 0 Degree Celsius to 60 Degree Celsius Justification: 0°C to + 60 °C is compliant with Indian weather conditions. Requesting you to make the required amendments		No change
1775		RFP Vol II: SIGNAL LIGHTS A. Traffic lights (RED, AMBER, and Green) Single Source LED type Page#: 37		4 Should comply with EN12699	Requesting you to delete this clause. Justification: EN 12699 is used for the "execution of special geotechnical works" which are not related to the concerned countdown timer and ATCS specifications.		No change
1776		RFP Vol II: SIGNAL LIGHTS 6.7.2 Digital Bill Board Page#: 56		4. It should be Vandal Proof ; IP Level IP67 or better	Requesting you to kindly modify the clause to the following: "4. It should be Vandal Proof ; IP Level shall be of IP65 on the front display and IP54 on the rear/sides or better" Justification: IP65 would be sufficient for the front display and IP54 on the rear/sides. The same is prevalent in various smart cities across India		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1777		RFP Vol II: SIGNAL LIGHTS 6.7.2 Digital Bill Board Page#: 57		7. Pixel Pitch 10 mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD	Requesting you to kindly modify the clause to the following: "7. Pixel Pitch 4mm or Lower, Lower pixel pitch is better, LED Configuration RGB 3 in 1 SMD" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change
1778		RFP Vol II: SIGNAL LIGHTS 6.7.2 Digital Bill Board Page#: 57		8. Pixel Density Minimum 10,000 pixels per sqm or higher	Requesting you to kindly modify the clause to the following: "8. Pixel Density Minimum 62,500 pixels per sqm or higher" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby making the minimum pixel density requirement of 62500pixels/sq.m for giving better clarity to the images/text/ videos to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change
1779		RFP Vol II: SIGNAL LIGHTS 6.7.2 Digital Bill Board Page#: 57		12. Brightness (Calibrated) 5000 cd/m2 or better; Contrast Ratio 2500:1 or better	Requesting you to kindly modify the clause to the following: "12. Brightness (Calibrated) 4000 cd/m2 or better; Contrast Ratio 2500:1 or better" Justification: Since advertisement and images will also be running on this billboard to be mounted on the smart poles, a minimum pitch of 4mm would be required thereby giving more clarity to the advertisement to be displayed. Accordingly, brightness requirement of >4000 cd/m2 would be sufficient. Therefore, the authority is requested to accept this change.		No change
1780		RFP Vol II: 6.7.3 Environmental Sensors Page#: 59		The Sensors should be ruggedized to be deployed in open air areas on streets and park . They should be able to read and report at least the following parameters: · Mosquito density	Requesting the authority to provide clarity for the use/functioning of "Mosquito density". Please also provide the functional and technical requirements since it is not present in the RFP. As per our understanding this clause shouldn't be there as mosquito accumulation is very site-specific and its density reduces with increase in height at which these sensors will be installed		Please refer corrigendum
1781		RFP Vol II: 6.7.3 Environmental Sensors Page#: 59		Smart Environment Mobile application	Requesting the authority to let us know what are the number of user licenses to be considered for this app and what are the number of concurrent users.		No change
1782		RFP Vol II: 6.7.3 Environmental Sensors Functional Requirements (AQM on smart		10 The platform shall comprise of an Industrial PC running latest version OS and compatible software.	Requesting the authority to give clarity if the platform for Environmental sensors solution can directly run on server.		No change
1783		RFP Vol II: 6.7.3 Environmental Sensors Functional Requirements (AQM on smart Pole and standalone Environmental Sensor)		15 Data retrieval from CMS via USB and DVD shall be possible.	Requesting the authorities to clarify why such a requirement is there. Data retrieval should be done digitally from the control room or via USB. The current requirement of data retrieval via DVD is very OEM specific.		Please refer corrigendum
1784		RFP Vol II: 6.7.3 Environmental Sensors		16 Generation of reports for pollution load, wind rose etc.	Please confirm that you mean Wind Load instead of Wind Rose and accordingly, please do the required modification		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1785		RFP Vol II: 6.7.4 Emergency Call Box Page#: 66		4 These should also be capable of being used for Public Address.	Requesting the authority to provide clarity for the requirement of usage of ECB as PAS separately. The speaker in ECB is not suitable for addressing the public purposes because too loud mic may lead to interference in distress communication.		Please refer relevant clause of RFP
1786		RFP Vol II: 6.7.4 Emergency Call Box Page#: 66		7 Call Button: Watertight Large backlit Rectangular Push Button, Visual Feedback for button press and call indication	Requesting you to kindly modify the clause to the following: "7 Call Button: Watertight Large backlit Rectangular/Circular Push Button, Visual Feedback for button press and call indication" Justification: The shape of the push button vary from OEMs to OEMs, therefore the authority is requested to do this modification for wider participation of OEMs.		Please refer corrigendum
1787		RFP Vol II: 6.7.4 Emergency Call Box Page#: 66		10 IP66 as per EN 60529, IK09 Protection EN 62262 or better	Requesting you to kindly modify the clause to the following: "10. IP66 as per EN 60529, IK09 Protection EN 62262 or better" Justification: The shape of the push button vary from OEMs to OEMs, therefore the authority is requested to do this modification for wider participation of OEMs.		No change
1788		RFP Vol II: 6.7.4 Emergency Call Box Page#: 66		13 Inbuilt Class D Amplifier, 99db SPL	Requesting you to delete this clause. Justification: This clause is OEM specific, thereby restricting OEMs to participate for the submission of the tender.		No change
1789		RFP Vol II: 6.7.4 Emergency Call Box Page#: 66		-	Since all the onfield components of a location will be connected via industrial network switch for the communication and this switch will be connected with the Control room through OFC fibre switch, the requirement of IoT Gateway is null. Requesting the authority to delete this requirement since it is not required. All the onfield components will be connected with each other via industrial switch only and this switch will be connected with the Control room through OFC fibre switch.		No change
1790		RFP Vol II: 6.7.6 Public Address System Outdoor Horn Speaker Technical Specifications Page#: 67		2 Protection – IP66 and preferably IK10 or better	Requesting you to kindly modify the clause to the following: "2. Protection – IP66 or IK10 or better" Justification: Since the application for the speaker will be outdoor, IP66 or IK10 rated speakers itself will be sufficient. Also, IP66 is equivalent to IK10 ratings.		No change
1791		RFP Vol II: 6.7.6 Public Address System IP PA Amplifier Technical Specifications Page#: 68		7 Speaker: Minimum 3 Speakers 30 W capacity per location	Requesting you to kindly modify the clause to the following: "7. Speaker: Minimum 2 Speakers 30 W capacity per location" Justification: Providing 2 speakers on each location will be sufficient. Also, this is contradictory to the clause mentioned under IP PA Amplifier as "6. Minimum 2 Inputs and 1 Output relay contacts in Amplifier for connecting external beacon"		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1792	6.7.6	RFP Vol II: Public Address System IP PA Amplifier Technical Specifications Page#: 68		10 Compliant: CB/CE/EN/UL and BIS/IEC	Requesting you to kindly modify the clause to the following: "10. Compliant: CB/CE/EN/UL and BIS/IEC. A declaration can also be given which mentions that the certificates will be provided before the delivery of the solution " Justification: Since our application for the BIS certificate is work-in-progress, therefore, you are requested to also give us an option for providing the declaration for providing the required certificates before delivery.		No change
1793	6.7.6	RFP Vol II: Public Address System IP PA Amplifier Technical Specifications Page#: 69		4 Central Server operating on 2 or more network interfaces 1Gbps or more data rate Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Central Server operating on 2 or more network interfaces 1Gbps or more data rate" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products		No change
1794	6.7.6	RFP Vol II: Public Address System IP PA Amplifier Technical Specifications Page#: 69		4 Compliance – UL 62368-1	Requesting you to kindly modify the clause to the following: "4. Compliance – UL 62368-1" Justification: Since UL 62368-1 are US/Canada standards, it should be deleted so as to enable the participation of OEMs, who are able to comply to BIS standards. This will be a initiative to encourage Make in India products.		No change
1795	6.9	RFP Vol II: Flood Sensors & Alert System Technical Specifications Page#: 73		Range Options: 2. Max Range: 3 ft (91cm) 30 ft (9.1m) 50ft (15.2m)	As per the BoQ, total requirement for flood sensors are 20 nos. No breakup for each of 3 types are given. Therefore, the authority is requested to provide clarity for the breakup of the 20 nos quantity (Range option wise) since this will have a commercial impact.		Please refer relevant clause of RFP
1796	6.9	RFP Vol II: Flood Sensors & Alert System Technical Specifications Page#: 73		Communication Capability: 3. Wireless: LoRa865-867 MHz	Kindly remove this as it is an unnecessary requirement. The sensors will be connected to the control room via other modes of communication which are already mentioned. Having this as one of the requirements makes it restrictive for wider participation and favour only few OEMs.		No change
1797		RFP Vol I: f) Earnest Money Deposit (EMD) Page#: 6		Rs. 1,00,00,000/- in the form of Bank Guarantee as per format in RFP Vol-1. The validity for the EMD would be 60 days beyond the original validity period of the bid.	As per Department of Expenditure, Procurement policy Division, Govt of India - Office Memorandum Rule 170 (i) of General Financial Rules (GFR), 2017. dated 25-07-2017, MSME should be exempted from EMD		Please refer corrigendum
1798		RFP Vol I: 4.10 Terms of Payment Page#: 55		Any penalties/ liquidated damages, as applicable, for delay and non-performance, as mentioned in this RFP document, shall be deducted from the due payments of the respective milestones.	Any penalties/ LD should not be applied in case of Delay/ Non performance due to approval/procedural delays from the State/Central govt organizations,		Please refer corrigendum
1799		RFP Vol II: 15 Annexure III: Project Milestones and		Project cost	Request for release of 10% of the project cost upon submission of 10% Performance Bank guarantee as mobilization Advance.		Please refer corrigendum
1800		RFP Vol II: 6.14 Network Connectivity - OFC		RoW feasibility	RoW feasibility, ownership and charges should be under PSCDL scope only		Please refer relevant clause of RFP

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1801	5.4.3 Electrical Works and Power Supply	RFP Vol II: Page#: 28		The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	Penalties attracted due to delay in bill payments should be borne by PSCDL/DRDM only.		No change
1802	5.4.3 Electrical Works and Power Supply	RFP Vol II: Page#: 28		The SI shall directly interact with PSCDL/DRDM for provision of mains power supply at all locations for ICCC field systems. The SI shall be responsible to pay the electricity bills including connection charge, meter charge, recurring charges etc. to the PSCDL/DRDM directly. SI shall have to submit the challan of bill submission to PSCDL/DRDM. PSCDL/DRDM will reimburse the amount deposited by the SI after verification in next billing cycle.	All the Electrical Power bills during the implementation phase should also be reieimbursed during current billing cycle.		No change
1803	17.5 Physical & Environmental Security	RFP Vol II:			Damage / losses due to theft/vandalism/ natural calamities to be borne by PSCDL.		No change
1804	Diesel Generator Set 200 KVA Specification	RFP Vol II:			All the fuel consumption (diesel) during implementation and in O&M Phase has to be borne by PSCDL.		No change
1805	6.2.20 Data Center & ICCC	RFP Vol II:			Kindly specify the distance between Data center and nearest Transform for sizing the electrical requiements.		SI Scope of survey
1806	6.2.20 Data Center & ICCC	RFP Vol II:			Please confirmn in which floor the Data Cneter space will be provided.		To be decided by Puducherry Government
1807	6.14 Network Connectivity	RFP Vol II:			All the internet charges during implementation and O&M phase to be borne by PSCDL.		No change
1808	6.2.4. Server Specification	RFP Vol II: Page#: 82		Server should have remote management ILO/ILOM/IDRAC/IPMI/RSA or equivalent with support capabilities include KVM over IP, power on, off & reset, virtual media, SNMPv2 or higher with appropriate perpetual licenses.	Request to delete.		No change
1809	6.2.4. Server Specification	RFP Vol II:		Server should provide with required power cables and rack mounting kit.	Request to delete.		No change
1810	6.2.4. Server Specification	RFP Vol II:		Server Average CPU load during peak time should be below 75% and RAM should be below 80%.	Request to delete.		No change
1811	6.2.5. Storage Specification	RFP Vol II:		Should also include storage performance monitoring and management software.	Request to delete.		No change
1812	6.2.5. Storage Specification	RFP Vol II:		Storage should use the latest stable technology platform, with support available for next 7 years.	Request to delete.		No change
1813	6.2.5. Storage Specification	RFP Vol II:		Storage should be provided with the required optics, cables and rack mounting kit.	Request to delete.		No change

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1814	Volume no -1,3.6.1,technical bid evaluation criteria,criteria category (sl no-10)MeitY Cloud Hosting Implementation	RFP Vol I: Page#: 45		The sole bidder or the consortium (members together) in case of consortium must have experience of deployment and management of application on MeitY empaneled Cloud for any project of any Central/ State Govt./ PSU or Government body/institution in India during last 5 years. a) 1 project = 2 Marks b) 3 projects = 4 Marks c) 5 or more projects = 6 Mark			Please refer corrigendum
1815	Volume no -1,3.6.1,technical bid evaluation criteria,criteria category (sl no-10)MeitY Cloud Hosting Implementation	RFP Vol I: Page#: 45		The sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCC project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c)4 years and above O&M completed -6 marks			Please refer corrigendum
1816	Volume no -1,3.6.1,technical bid evaluation criteria,criteria category (sl no-10)MeitY Cloud Hosting Implementation	RFP Vol I: Page#: 45		Following parameters will be evaluated in submitted Technical Proposal document: Parameter Marks Understanding of the project and conformity to volume II: Scope of Work, Functional Requirements and System Architecture in the proposed solution 2 Proposed deployment architecture for DC & DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICCC platform, DC/DR, to meet the functionalities as given in RFP. 2 Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc. 2 Proposed solution for design & development of SOPs and KPIs (list down all the SOPs & KPIs identified for the solution). 2 Identification of major risks and suitable mitigation plans for each of identified risks 2 Methodology, tools and Technologies to monitor & maintain the SLAs and managing change requests 2 Proposed structure for: 1. Project Strategy 2. Project Management 3. Risk Management 4. Resource Plan 5. Project Governance Model 2 Presentation: The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section			Please refer corrigendum

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1817	3.6.1 technical bid evaluation criteria,(SI no 13,echanical Demonstration / PoC	RFP Vol I: 13,echanical Demonstration / PoC Page#: 46		Following parameters will be evaluated during Technical Demonstration: 1) Demonstrate Sub-System Integration with ICCC Platform (Any Three from or as per Authority requirements): (5 Marks) a. One element integration : 2.0 Marks b. Two elements integration : 3.0 Marks c. Three elements integration: 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA (2) Demonstrate Sub-System control from ICCC platform (All from below or as per Authority requirements): (5 Marks) a. One element control : 2.0 Marks b. Two elements control : 3.0 Marks c. Three elements control : 5.0 Marks System CCTV surveillance solution VMD Solution Traffic Management Smart Pole with PA system/ Environmental Sensor Water SCADA (3) Demonstrate 3D simulation for proposed solutions: (5 Marks) *Bidder is required to showcase 3D simulation for a functional smart city with ICCC showcasing use cases as mentioned in this RFP. This simulation should show movement of data / feeds, working of field # System Marks 1 Demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS 2.5 2 Demonstrate 3D simulation for proposed solutions 2.5 RFP No. RCIL-2023--PDY-Smart City-RFP-01 Page 48 of 144 devices, ICCC dashboards, incident			Please refer corrigendum
1818	6 Annexure 2 , 6.1 Pre-qualification bid checklist	RFP Vol I: 6 Annexure 2 , 6.1 Pre-qualification bid checklist Page#: 58		the sole bidder or any consortium partner should have relevant experience in India related to safe city/smart city/airport/metro CCTV Surveillance with any central/state Govt./PSU in at least 4 areas among the below. 1.One project of minimum 400 High resolution cameras 2.One project of minimum 40 Industrial Grade switches 3.One project of minimum 100 ANPR cameras 4.One project of minimum 50 RLVD/SVD cameras 5.One project of minimum ATCS in 10 Junctions 6.One project of minimum 30 KM of OFC laying 7.One Project of ICCC with minimum 6 integrations (200 field components) 8.One project of minimum 10 smart poles	no serial number issued for this rfp		Please refer corrigendum
1819	6.17.1 Integrated Command & Control Centre (ICCC)sl no 3,	RFP Vol I: 6.17.1 Integrated Command & Control Centre (ICCC)sl no 3,		SITC of Operator Workstation (Helpdesk) with dual monitor (22") with office productivity suite licenses with Antivirus Number 30	As per specification 3 monitors have to given where as BoQ shows on 2 monitors. Kindly clarify the number of the monitors to supplied		Please refer corrigendum
1820	6.17.1 Integrated Command & Control Centre (ICCC) ,(sl no -10)	RFP Vol I: 6.17.1 Integrated Command & Control Centre (ICCC) ,(sl no -10)		ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	Required at least 2 lot to support the system		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1821		RFP Vol I: 6.17.1 intergrated command & control center sl no-19		SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, power cable, change	Required clarity here as per solution we have 2 60kva ups asked ,so 1 dg set is enough		No change
1822		RFP Vol II: 6.2.9. Access Switch -8 Port – POE Page#: 88		Should support strict Priority Queue, Weighted Round Robin (WRR), Rate Limiting (Bandwidth Control) or equivalent	Request for deletion		No change
1823		RFP Vol II: 6.2.9. Access Switch -8 Port – POE		Should have AC Power Supply 100 to 240 V AC with 50 to 60 Hz without any external adaptors	Request for deletion		No change
1824		RFP Vol II:		Replaced with Access Switch-24 Port –POE	Request you to Add 48 Port Switch		No change
1825		RFP Vol II:		6.2.10. Access Switch-24 Port –POE	Access Switch-24 Port		No change
1826		RFP Vol II:		Should support PoE of 24 ports	Request for deletion.		No change
1827		RFP Vol II: 6.2.10. Access Switch-24 Port –POE		Switch should have minimum POE power budget of 540 watts	Request for deletion.		No change
1828		RFP Vol II: traffic Enforcement System (TES)E(I)		Switch should support IEEE 802.3ad, IEEE 802.3az standards	Request for deletion.		No change
1829		RFP Vol I: traffic Enforcement System (TES)E(I) Page#: 93		SITC of Entry-Exit Management System including covering 2 Lanes at each locations with complete hardware including ANPR cameras, Evidence camera, Local Processing Unit, with cabling, accessories & mounting infrastructure as	As per industry standards, evidence camera are not required for Entry Exit management system. Please clarify / confirm		No change
1830		RFP Vol I: traffic Enforcement System (TES)E(I) Page#: 93		Galvanized T/L shape poles Number 8	Pole specification are not given, please specify		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1831		RFP Vol I: traffic Enforcement System (TES)(sl no 4) Page#: 95		E-Challan handheld device with software application and integration with RTO during implementation and 5 years of O&M Period Lot 2	Required clarity on integration with existing or new ,		Please refer relevant clause of RFP
1832		RFP Vol I: traffic Enforcement System (TES)(sl no 4) Page#: 97		SITC of Access/ overhead armoured OFC (as per ITU-T Rec.G.652 D(03/03 or latest)) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) to connect various elements	The said standard available only with one specific OEM. Kindly remove the same		No change
1833		RFP Vol I: (M) Smart solution components (i.e., PA, ECB and VMD)		1 SITC of PA system (with speakers, UPS and all accessories) (PA for 18 junctions and remaining at various locations across city) Lot 3	Required clarity as per junction how many speakers to install		No change
1834		RFP Vol II: (M) Smart solution components (i.e., PA, ECB and VMD) Page#: 97		and VMD Controller (Approximately 3.8m X 1.9m)Double side display including VMS controller (with all accessories) Lot 11	Pole specification are not given, please specify		The bidder has to provision as per proposed solution meeting all requirements as given in RFP specification and meeting SLA
1835		RFP Vol I:		Switches - 8 port Number 40	specification are not given, please specify		Please refer relevant clause of RFP
1836		RFP Vol II: 6.2.13 AAA Server: Page#: 94		Solution should include all required licenses to perform above mentioned capabilities for 300 endpoints from day one and scalable to 1000 over a period of time.	Request you to amend as "Solution should include all required licenses to perform above mentioned capabilities for 100 endpoints from day one and scalable to 400 over a period of time."		No change
1837		RFP Vol II: 6.2.13 AAA Server: 5 Page#: 94		Enforces security policies by blocking, isolating, and repairing noncompliant machines in a quarantine area without requiring administrator attention	Request for deletion		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1838		RFP Vol II: 6.2.13 AAA Server: 10 Page#: 94		Verifies endpoint posture assessment for PCs connecting to the network. . Should be a persistent client-based agent to validate that an endpoint is conforming to a company's posture policies. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispymware software packages	Request you to amend as "Verifies endpoint posture assessment for PCs connecting to the network. Provides the ability to create powerful policies that include but are not limited to checks for the latest OS patches, antivirus and antispymware software packages"		No change
1839		RFP Vol II:		6.2.14 Centralized-Anti Virus Solution For ICC	Request for Changes in specification		Please refer corrigendum
1840		RFP Vol II: 6.2.15 Video wall and Video wall Controller : Point 13		Brightness of Projection engine Typ.: 1100 lumens or Better	Request for Deletion		No change
1841		RFP Vol II: 6.2.15 Video wall and Video wall Controller		Engine should be protected from dust ingress	Request for Deletion		No change
1842		RFP Vol II:		6.2.18.1 IP PABX			No change
1843		RFP Vol I: 7.3 Price component for CAPEX(no sl no) Page#: 110		SITC of IP PABX for CCC including all accessories (50 Lot,Volume no -1,6.17.1 ,(sl no -10) (1)page no-82, ITC of IP PABX for CCC including all accessories (500 users) with PRI modem pair (2 nos) and PRI lines-1 no	Required clarity here on quantity, and serial number not assigned .		No change
1844		RFP Vol I: 7.3 Price component for CAPEX(no sl no) Page#: 110		Furniture and Fixtures for 30 operators, 2 manager desk, conference room (25 person), War room (10 person), Reception (1 desk), security room desk (2 person), house keeping (2 person) LOT	Required clarity here on quantity, and serial number not assigned as based on the monitors quantity the table top will be designed as per sizes,		No change
1845		RFP Vol I: 7.3 Price component for CAPEX(no sl no) Page#: 110		SITC DG set for 200 KVA IT load with installation and commissioning with AMF panel, Earthing, Bed, Number-2	required clarity on quantity		No change
1846		RFP Vol I: 7.3 Price component for CAPEX(no sl no)		ITC of UPS with batteries - UPS 2 KVA Number 22	Required clarity on quantity as per location required quantity will be 80 nos where as per BoQ it has been mentioned only 22 nos. Kindly clarify.		No change
1847		RFP Vol II: 6.2.21 Intranet router at DC:		256 GB, PCIe NVMe, SSD and 1TB SATA SSD	Request you to amend as "1 TB SATA-3 Hard drive @7200 rpm with Flash Cache of 64GB SSD, dedicated SSD Minimum 64 128 GB for OS"		No change
1848		RFP Vol II:		6.2.21 Intranet router at DC:			No change
1849		RFP Vol II:		6.2.22 Backbone Router			No change
1850		RFP Vol II:		Civil and Architectural Work	Request for Changes in specification		No change
1851		RFP Vol II: Fire Suppression System		Comply with NFPA 2001 or ISO 14520 standard or better . Hardware should have 5 year warranty	Request you to amend as "Hardware should have 5 year warranty"		No change
1852		RFP Vol II: Air-conditioning Page#: 119		Compressor – As per site condition • Refrigerant – As per site condition	Request you to amend as " •Compressor – Hermetically Sealed Scroll Type •Refrigerant – solution provider may use any refrigerant R22/R410a/407c as per requirement"		No change
1853		RFP Vol II: Online UPS for indoor (Data Center / ICC) Location: 60 kVA		Online UPS for indoor (Data Center / ICC) Location: 60 kVA (With Changed Specification , not as per DPR)	Request for Changes in specification		No change
1854		RFP Vol I: (B)Traffic Enforcement System(sl no -84)		evidence camera Software Application License with ICC platform Integration	Required clarity on requirement		Please refer relevant clause of RFP
1855		RFP Vol I: (B)Traffic Enforcement System(sl no -100)		Video Analytics (VA) on all cameras License per camera 940	Required clarity on requirement		Please refer relevant clause of RFP

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1856	(B)Traffic Enforcement System(sl no -105)	RFP Vol I: Page#: 124		SITC of Access OFC (12F) , OFC patch cords, junction boxes, networking, civil, electrical and other accessories (65 Km) Year 1,volume1 sl no-15 page no -97,	Required clarity on cable type		Please refer relevant clause of RFP
1857		RFP Vol I:		SITC of Edge level Switches - 8 port Number 40	Required clarity in quantity and specifications		Please refer corrigendum
1858	6.3 Cloud Services to deploy all smart solutions 27	RFP Vol II: Page#: 129		Cloud Service Providers must offer Cloud native/ 3rd party SIEM Marketplace solutions turnkey SIEM offering by which customers can configure real-time analysis and alerting of security events. At a minimum, the integration or service must support alerting, log retention and some form of forensic analysis that is able to search across logs and periods of time for patterns.	Request for Deletion		No change
1859	6.3 Cloud Services to deploy all smart solutions 32	RFP Vol II: Page#: 129		The block and object storage services must offer customers the self-service ability from both management console and Command Line Interface to opt into provider-enabled server side encryption (SSE) for objects or object hierarchies within the storage service.	Request for Deletion		No change
1860	6.3 Cloud Services to deploy all smart solutions 33	RFP Vol II: Page#: 129		Large instance support: Providers must offer customers instances with a large number of processor cores and memory for processor memory intensive use cases. The provider must be able to provide instances that support at larger vCPUs and RAM.	Request for Deletion		No change
1861	6.3 Cloud Services to deploy all smart solutions 36	RFP Vol II:		Cloud provider should offer a service that acts like a customized cloud expert and helps provision resources by following best practices.	Request for Deletion		No change
1862	6.2.2 Core Router:	RFP Vol II: Page#: 78		Routers should support Timing and Synchronization such as Synchronous Ethernet or Precision Time Protocol (PTP)	Request you delete.		No change
1863	6.2.2 Core Router:	RFP Vol II:		The router shall support LACP 802.3ad and bundle upto 8 links.	Request you delete.		No change
1864	6.2.2 Core Router:	RFP Vol II: Page#: 78		The router should support IP SLA or RPM (or equivalent) for performance measurements, it should also support monitoring of IP SLA/RPM (or equivalent) probes using SNMP polling (OEM has to provide SNMP MIB information)	Request you delete.		No change
1865	6.2.18 Contact center Specifications Sl.No.6	RFP Vol II: Page#:		3) ACD support routing of incoming calls based upon caller input to menus, real-time queue statistics, time of day, day of week, ANI, dialled number etc .	Considering that the CRM or ticketmanagement application would be provisioned in the solution request you to include CTI Integration with the Contact Center Application as well.		No change
1866	6.2.18 Contact center Specifications Sl.No.12	RFP Vol II: Page#:		9) In future if required, the ACD should support active and standby server mode, where the server can be put in SDC and DR. In case of Main server in the Data center fail the standby server in DR should take over seamlessly. ACD solution should support placing of Main and Stand by server in SDC and DR respectively.	Considering the Solution to be in HA in DC. Request you to consider changing this clause.		No change

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1867	6.2.18	RFP Vol II: Contact center Specifications Sl.No.14		1) IVR should play welcome messages to callers Prompts to press and collect DTMF digits	How many IVR ports needs to be provisioned for DTMF, how many IVR Trees needs to be implemented using DTMF. Plz share the complete call flow which needs to be implemented in the IVR		Please refer relevant clause of RFP
1868	6.2.18	RFP Vol II: Contact center Specifications		2) IVR should be able to integrate with backend database for self-service, as and when required.	How Many database Integrations are envisaged		Please refer relevant clause of RFP
1869	6.2.18	RFP Vol II: Contact center Specifications Sl.No.17 Page#:		4) IVR should support Voice XML for ASR, TTS, and DTMF call flows	How many IVR ports needs to be provisioned for TTS and ASR, how many Langues support is required for ASR and TTS, how many IVR Trees needs to be implemented using Speech. Plz share the complete call flow which needs to be implemented in the IVR		Please refer relevant clause of RFP
1870		RFP Vol II: Contact Centre Functional Specification 1 Page#:		Predictive dialing might not be a use case which would be required. Request you to remove predictive dialing and add progressive dialing support			No change
1871	6.2.2	RFP Vol II: Core Router:20		The Router Should support DHCP based option 82.	Request you delete.		No change
1872	6.2.2	RFP Vol II: Core Router:21		It shall support role-based privileges for the system access and radius authentication.	Request you delete.		No change
1873		RFP Vol II: Establishment of ICCS Project broad scope		Smart Parking Management System	The Solution/product missing in BoQ. Either has to be removed or BoQ to be specified.		No change
1874	4.11	RFP Vol II: SI's Obligations Page#: 21		o) Factory visits may be required by the Authorities at the cost of SI to verify the claims of the SI	The said clause to be removed as this will have major implication on the project delivery milestones.		No change
1875		RFP Vol II:		Request to Add	VoIP Protocol - Request you to add Support for SIP and H.323 Protocols		No change
1876	6.2.19	RFP Vol II: IP Phones 7 Page#: 21			Supported Protocols - Request you to add support for Supports optional J100 Wireless Module for WI-Fi connectivity and / or Bluetooth® headsets.		No change
1877	6.2.19	RFP Vol II: IP Phones 10 Page#: 21			In the Volume control sections request you to add support for Buttons - 8 buttons with dual LEDs (red, green), 4 softkeys, 24 administrative buttons		No change
1878	6.2.19.1	RFP Vol II: IP PABX 2 Page#: 21			Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase there is huge traffic surge in the Contact Center.		No change
1879	6.2.19.1	RFP Vol II: IP PABX 7		Request you to add IVR and Call Recording to be supplied by the same OEM	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, call recording and IVR) should be from a single OEM		No change
1880	6.17	RFP Vol I: Bill of Material and 7.3 Price		Quantity in the shared sections are mismatching with each other	need clarity in quantity		No change
1881	6	RFP Vol I: Technical Evaluation Framework, Page#: 43		the sole bidder or the consortium (members together) in case of consortium should have experience in O&M activity of Smart City ICCS project along with ITMS in a single project post Go-Live. a) 2 years O&M completed- 2 marks b) 3 years O&M completed- 4 marks c) 4 years and above O&M completed -6 marks	The qualification criteria terms to be change		Please refer corrigendum
1882	6.2.2	RFP Vol II: Core Router:		Router should support MPLS-FRR to ensure high availability.	Request you delete.		Please refer corrigendum
1883	6.2.2	RFP Vol II: Core Router: Page#: 77		Router should support OSPFv2, OSPFv3, ISIS, BGPv4, MP-BGP, BGP confederations and route reflector and RSVP-TE Fast Reroute (FRR).	Request you delete.		Please refer corrigendum

SN	Volume	Section	Page No	Content of the RFP requiring clarification	Clarification Sought	To be Changed to	Clarification
1884		RFP Vol II: 6.2.2 Core Router: Page#: 77		The Router Should support minimum 160 Gbps full duplex throughput and should be of max 3 RU in height, 19-inch rack mountable. Should have 8x10G SFP+ and 2x40G QSFP based ports on day one.	Request to delete.		No change
1885		RFP Vol II: 6.2.2 Core Router:		Router should support Optical Transceiver Digital Diagnostic Monitoring.	Request you to amend as "Should deliver multiple IP services over a flexible combination of interfaces"		No change
1886		RFP Vol II:		Router Should support Dual Images.	Request you delete.		No change
1887		RFP Vol II: 6.2.2 Core Router:		Router should support jumbo frames (9000) on all ports	Request you delete.		No change
1888		RFP Vol II: 6.2.2 Core Router:		Router should support BFD for single hop and multihop sessions.	Request you delete.		No change
1889		RFP Vol II: 6.2.18 IP Phones 1		In Display Request you to add support for 3.2" or Higher Color Display.			No change
1890		RFP Vol II: 6.2.18 IP Phones 2		For Integral Switch - request you to ad support for 10/100/1000Base T Support			No change
1891		RFP Vol II: 6.2.18 IP Phones 5		VoIP Protocol - Request you to add Support for SIP and H.323 Protocols			No change
1892		RFP Vol II: 6.2.18 IP Phones 7 Page#: 105		Supported Protocols - Request you to add support for Supports optional J100 Wireless Module for Wi-Fi connectivity and / or Bluetooth® headsets.			No change
1893		RFP Vol II: 6.2.18 IP Phones 10 Page#: 105		In the Volume control sections request you to add support for Buttons - 8 buttons with dual LEDs (red, green), 4 softkeys, 24 administrative buttons			No change
1894		RFP Vol II: 6.2.18.1 IP PABX 2 Page#: 106		Request you to increase the scalability to 2800 as increasing this will increase the BHCC of the entire Solution as its very critical incase theres is huge traffic surge in the Contact Center.			No change
1895		RFP Vol II: 6.2.18.1 IP PABX 7		Request you to add IVR and Call Recording to be supplied by the same OEM	The entire solution (IP PBX, its hardware, IP Phones, Voice Gateway, ACD, call recording and IVR) should be from a single OEM		No change
1896		RFP Vol II: 6.2.18 Contact center Specifications Page#: 106			Request you to share the details specifications for Contact Center Including Specification for ACD and Skill Based Routing Platform, Multic Channel Specifications, Interactive Voice Response Platform, Recording Platform, CTI Integration ect		Please refer relevant clause of RFP
1897		RFP Vol II: 6.2.18 Contact center Functional Requirements Page#: 106			Request you to share the detailed Functional Requirements of the Contact Center Including Specification for ACD and Skill Based Routing Platform, Multi Channel Requirements Interactive Voice Response Platform, Recording Platform, CTI Integration ect		Please refer relevant clause of RFP