



RailTel Corporation of India Limited

(A Government of India Undertaking under Ministry of Railways)

Plate-A, 6th Floor, Office Block Tower-2, Block-B, East Kidwai Nagar, New Delhi -
110023

CORRIGENDUM-7

No. RFP No. RCIL-2023-PDY-Smart City-RFP-01

Dt.17-08-2023

Ref: 1) RFP no. RCIL-2023--PDY-Smart City-RFP-01, Dt. 01-06-2023, 2) Corrigendum no.1 dated 06-06-2023, Corrigendum no.2 dated 16-06-2023, Corrigendum no.3 dated 06-07-2023, Corrigendum-4 dated 20-07-2023, Corrigendum -5 dated 27.07.2023 and Corrigendum-6 dated 08-08-2023.

Name of the Work: "Request for Proposal for Selection of System Integrator for Design, Development, SITC, O&M For 05 Years of Integrated Command & Control Center (ICCC) & Other Associated Activities for Puducherry Smart City Area"

In continuation to RFP and five corrigendum referred above, Corrigendum-7 is issued herewith for the amendments enclosed as Annexure-A.

All other terms and conditions remain the same.

**Sd/
Assistant General Manager/EB
for RailTel Corporation of India Ltd**

Corrigendum No. 7 to Modified RFP No. RCIL-2023-PDY-Smart City-RFP-01

Annexure – A

(Letter No. No. RFP No. RCIL-2023-PDY-Smart City-RFP-01 Dt.17-08-2023)

S No.	Clause of the Modified RFP	Existing Clause of the Modified RFP or Corrigendum-6	Clarifications/ Revised Clause of the Modified RFP
	Volume -1		
1	Volume-1 Closing date for Submission of e-bids	Up to 15:00 hrs. of 21.08.2023 (Online)	Up to 15:00 hrs. of 28.08.2023 (Online)
2	Volume-1 Date of opening of E-Bid (Technical)	Up to 15:30 hrs. of 21.08.2023 (Online)	Up to 15:30 hrs. of 28.08.2023 (Online)
3	S No. 4. Bid Security/Earnest Money Deposit (EMD)	In case of EMD in the form of Bank Guarantee as per format given in Annexure 5(b)) this RFP from a nationalized or scheduled bank in India in favor of RailTel Corporation of India Ltd, New Delhi, the scanned copy of the BG along with SFMS confirmation must be uploaded along with the proposal and Original Bank Guarantee shall be submitted at the earliest and latest by 17th Aug 2023.	In case of EMD in the form of Bank Guarantee as per format given in Annexure 5(b)) this RFP from a nationalized or scheduled bank in India in favor of RailTel Corporation of India Ltd, New Delhi, the scanned copy of the BG along with SFMS confirmation must be uploaded along with the proposal and Original Bank Guarantee shall be submitted at the earliest and latest by or within Seven days from the date of scheduled bid submission.
4	3.6 Technical Evaluation Framework /3.6.3 Key personnel Evaluation Criteria following Typo Error is corrected:		Volume -1 3.6 Technical Evaluation Framework /3.6.3 Key personnel Evaluation Criteria following Typo Error is corrected:
4(a)	Project Manager = 2 marks		Under para (d) the marks to be read as 0.5 Marks only (in place of 1 Mark)
4(b)	Command Center Expert = 1.5 marks		Under para (a) the marks to be read as 0.5 Marks only (in place of 1 Mark) Under para d) the marks to be read as 0.25 Marks only (in place of 0.5 Mark)
4(c)	Solution Architect = 1.5 marks		Under para (a) the marks to be read as 0.5 Marks only (in place of 1 Mark) Under para (c) the marks to be read as 0.5 Marks only (in place of 1 Mark)
4(d)	GIS expert/Data management expert/ Data Analyst/ Business Analyst /Network Architect = 1 Mark	GIS expert /Data management expert/ Data Analyst/ Business Analyst = 1 Mark	Under para (a) the marks to be read as 0.5 Marks only (in place of 0.25 Mark)

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4(e)	Server Storage/Database Expert = 0.5 Marks	Network Architect / Server Storage/Database Expert = 0.5 Marks	Network Architect has been shifted under this marks category.
5	Price Schedule		The excel format for price bid available under e-Nivida portal has been corrected for formula errors. The bidder has to use the updated version as available in the portal.
Volume -2 : Technical Specifications			
6.2.7 Core Switch & 6.2.8. TOR Switch & WAN Aggregation switch			
6	Sr. No. 18	Should support ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Deleted
7	Sr. No. 19	Should be Ethernet OAM compliant with IEEE 802.3ah/Y.1731.	Deleted
6.2.22 Backbone Router			
8	Sr. No. 10	c. HQoS and minimum 2K Queues. f. 4K VLANs.	c. HQoS and minimum 1K Queues. f. 1K VLANs. Other parameters i. e. a, b, d & e remain same.
6.2.3. Firewall + IPS			
9	Sr. No. 45	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 to store logs for 6 months with suitable warranty.
6.2.9. Access Switch -8 Port – POE -Industrial Grade (Field Switch) & 6.2.10. Access Switch-24 Port –POE Field Switch (Industrial Grade):			
10	Sr. No. 8	Switch should support IEEE 802.3ad, IEEE 802.3az standards	Switch should support i) IEEE 802.3ad and ii) IEEE 802.3az or Energy-Efficient Ethernet (EEE) standards.
11	Sr. No. 24	Should support ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies	Should support ITU-T G.8032 Ethernet Ring Protection or equivalent designed for loop protection and fast convergence times (sub 50 ms) in ring topologies
6.2.10. Access Switch-24 Port –POE Field Switch (Industrial Grade)			

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12	Sr. No. 7	Switch should have minimum POE power budget of 540 watts	Switch should have minimum POE power budget of 350 watts
6.10.2 City Surveillance fixed Camera Specifications			
13	11. Motion Detection	Built in 8 point polygonal zones areas in the video stream.	Built in 4 rectangle/ 8 point polygonal areas in the video stream.
14	12. Lens/ Barrel Distortion Correction & Corridor View	Built in feature required	Corridor View as Built in feature and Lens/Barrel Distortion Correction must be achievable via software.
15	13. Wide Dynamic Range	150 dB or better	120 dB or better
16	21. Event Actions	FTP, HTTP, Email notification, Edge Storage, Alarm Output, Handover	FTP, HTTP, Email notification, Edge Storage, Alarm Output.
6.10.3 City Surveillance PTZ Camera Specifications			
17	5. Focal Length (Zoom Ratio)	4.45~222.4mm or better 30x Optical Zoom, 10X digital zoom or better	30x Optical Zoom, 10X digital zoom or better.
18	18. Digital Image Stabilization	Support (built-in gyro sensor)	Support (Electronic Image Stabilization / Gyro Sensor)
19	20. Motion Detection	8ea, polygonal zones Support	8/4 Motion detection Zones
20	46. Certification	UL, CE, FCC, BIS, EMC, UL CAP	UL, CE, FCC, BIS
21	23. Protocols	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM , UPnP, Bonjour, LLDP, SRTP	6.4.12.2 Specification for ANPR Camera /Overview Camera/ Evidence Camera, 6.4.15 Specification for Speed Violation Camera, RLVD Camera Technical Specification, 6.10.2 City Surveillance fixed Camera Specifications 6.10.3 City Surveillance PTZ Camera Specifications: In all the above camera specifications, the following PIM-SM, LLDP, SRTP to be considered as optional. All other protocols remain unchanged.
6.2.15 Video wall and Video wall Controller			
22	5. Light Source	LED light source with a minimum life time of 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	Light source with a minimum life time of 1,00,000 hrs. in Normal Mode & Eco Mode; In individual cube single or multiple light source failure should not impact image display on the screen

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23	7. Brightness on Screen	Minimum 450 (nits or cd/m2) and should be adjustable for lower or even higher brightness requirements. This should be supported by datasheet	Minimum 350 (nits or cd/m2) and should be adjustable for lower or even higher brightness requirements. This should be supported by datasheet.
24	12. General	System must be modular in installation; Dark box type stacking model is not acceptable. 1000000:1 or more	System must be modular in installation
25	17. Wireless	The operator should be also possible to show Laptop Or Android/IOS phone over the video wall without disturbing the existing network over wireless	The operator should also able to show Laptop Or Android/IOS phone over the video wall over wireless.
26	16 Annexure V: Guidelines	xxii. SI shall place orders on various OEMs directly and not through any sub-contractor / partner. All licenses should be in the name of the RAILTEL & PSCDL	xxii. SI shall place orders on various OEMs directly or its authorized distributor/reseller and not through any sub-contractor. All licenses should be in the name of the PSCDL
