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RAILTEL

**A Navratna CPSE
Govt of India**

Southern Region Office

6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road,
Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016

Corporate Office

Plate-A, 6th Floor, Office Tower2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

www.railtel.in

Invitation for Expression of Interest
From RailTel's Empaneled Business Associates for

**“Installation for CCTV Cameras at O/o. The Director General Anti-Corruption
Bureau, Vijayawada”**

RAILTEL

A Navratna CPSE

EOI No.: RailTel/SR/SC/Mktg/2025-26/EOI/074 Dt. 26/03/26

Govt of India

EOI NOTICE

RailTel Corporation of India Ltd.
6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road,
Prakash Nagar Metro Station, Begumpet, Hyderabad – 500016

EXPRESSION OF INTEREST

EOI No.: RailTel/SR/SC/Mktg/2025-26/EOI/074 Dt. 26/03/2026

RailTel Corporation of India Ltd., (hereafter referred to as RailTel) invites responses from RailTel Empaneled Partner/System Integrator for exclusive TEAMING ARRANGEMENT for Engagement of an Agency for **“Installation for CCTV Cameras at O/o. The Director General Anti-Corruption Bureau, Vijayawada”**

The details of EOI are as under:

1	Date of EOI Floating	26/03/26
2	Last Date of Submission of Bid against EOI	28/03/26 by 13:00 Hours
3	Opening of Bids submitted against EOI	28/03/26 at 13:15 Hours
4	Number of packets	Single Stage (Single Packet System)
5	Estimated EOI Value	Rs. 37,82,925.59/- (Incl. GST).
6	Portal for EOI Submission	https://railtel.enivida.com
7	EOI EMD	EMD of Rs. 38,000/- to be submitted along with the EOI directly through eNivida portal Or In the form of BG or Insurance Surety Bond or Payment through NEFT/RTGS. Advice of the Bank Guarantee (via SFMS IFN760COV) to be sent to advising bank (RailTel's Bank) through SFMS by the issuing Bank (Applicant's Bank), RailTel Corporation of India Limited Account No: 327301010373007, IFSC Code: UBIN0805050, Bank Name: Union Bank of India, Branch address: Union Bank of India, RP Road Branch, Bungalow no 109, New No 1-7-252 to 254 Oxford Street, SD Road, Near Park Lane Center Secunderabad – 500003 No exceptions to startups and MSMEs for EMD.

Note: RailTel reserves the right to change the above dates at its discretion.

Bidders need to share copy in case of EMD in form of BG & in case of online payment bidder to share transfer details like UTR No. date and Bank along with the proposal.

Eligible bidders are required to direct all communications related to this Invitation for EOI document, through the following Nominated Point of Contact persons:

Level 1 Contact: Sh. Anujit Pal, Position: DM/Mktg/SR
Email: anujitpal@railtelindia.com Contact: +9281441679

SPECIAL CONDITIONS OF EOI

1. The EOI response is invited from RailTel's Empaneled Partners before floating of this EOI for Empanelment with RailTel only.
2. Responsibility of getting valid Letter of Empanelment from RailTel will be responsibility of Partner before finalization of this EOI. LOA/PO/Work Order will only be issued on submission of valid letter of empanelment from RailTel.
3. Partners are required to submit soft copy of response through Online on RailTel's e-nvida portal at <https://railtel.enivida.com> duly signed by Authorized Signatories with Company seal and stamp.
4. All the documents must be submitted with proper indexing and page no.
5. If, the interested partner is OEM/Distributor of OEM/Direct Partner of OEM, it should submit the supporting document for the same.
6. Consortium not allowed.
7. Transfer and Sub-letting: The Partner/consortium has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present.
8. Partner must agree to comply with all scope of work and terms and conditions including special terms and conditions, SLA and OEM technical & Financial documentation including technical certificates/others as per EOI
9. Selected partner will be responsible for facilitating RailTel to get/collect/prepare all the documentations related to end customer requirement/queries.
10. Affidavit as per Annexure 4, Power of Attorney and EMD submitted in form of BG or Insurance Surety Bond should be submitted in original and hard copy (In case of EMD payment through NEFT/RTGS share transfer details like UTR No. along with bank challan) within 3 working days of submission of the EOI response at RailTel Regional Office (Southern Region, Hyderabad).

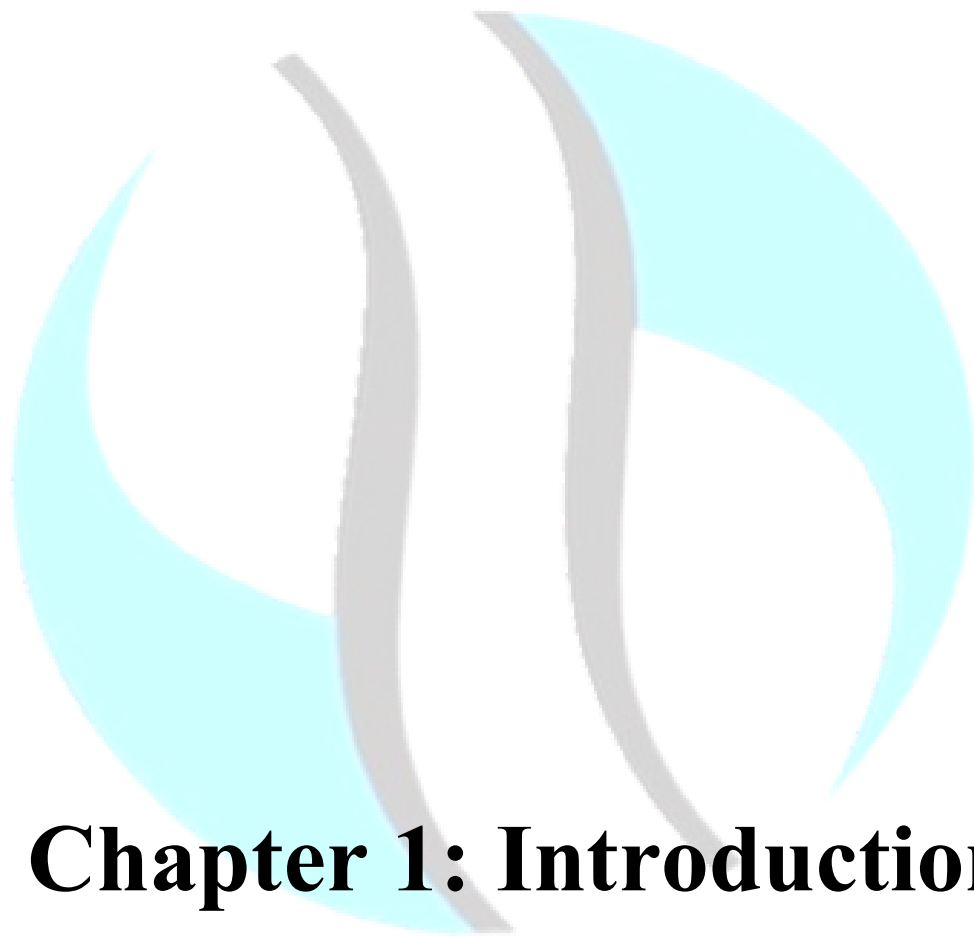
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Chapter 1: Introduction

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1.1 RailTel - Introduction

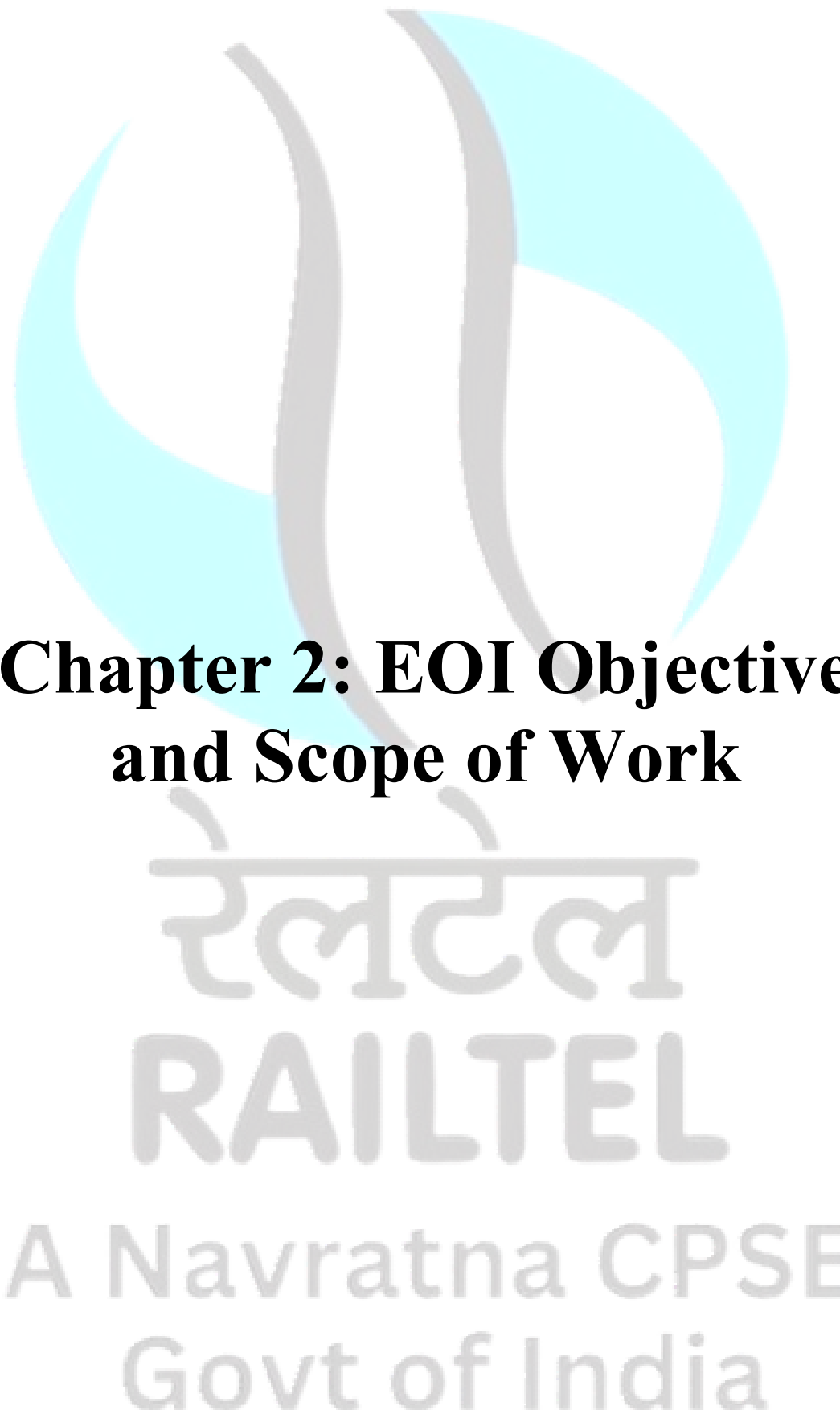
RailTel, a distinguished Nav-Ratna Central Public Sector Enterprise under Ministry of Railways, is recognised as one of the nation's most reliable end-to-end Telecom, IT, ICT, Railway Signalling solution provider. With a focus on excellence and innovation, RailTel has garnered unwavering trust as a partner in delivering cutting-edge services across sectors. RailTel is also working towards creating a knowledge society at multiple fronts and has been selected for implementation of various mission-mode projects for the Government of India in the telecom field. With a team of highly skilled and seasoned experts in Telecom, Signalling and IT, along with an extensive nationwide infrastructure, RailTel possesses the ability to deliver digital transformation services across the country and beyond border.

The ongoing wave of digitalisation is creating new prospects for companies like RailTel. In the specific context of the telecom sector, the advent of 5G is a significant growth factor. The demand for network and allied infrastructures is poised to propel RailTel's business forward. With our experience in setting-up and running Tier-3 Data Centres and cloud office, RailTel is implementing Data Centre services like cloud deployments for various customers. Thus by, leveraging RailTel's network infrastructure, data centres, security operation centre and in house capabilities, RailTel is helping in digitalisation by providing comprehensive ICT services. In essence, RailTel's goal is to be a supportive partner in guiding its customers through their Digital transformation endeavours.

For ensuring efficient administration across India, country has been divided into four regions namely, Eastern, Northern, Southern & Western each headed by Executive Director and Headquartered at Kolkata, New Delhi, Secunderabad & Mumbai respectively. RailTel's business service lines can be categorized into three heads namely B2G/B2B (Business to Government and Business to Business) and B2C (Business to customers).

RailTel's various operations are certified for, ISO 27001:2022-Certified for Information Security Management System, ISO 20000-1:2018-Certified for Information Technology Service Management System, ISO 9001:2015-Certified for Quality Management System, ISO 27017:2015 Certified for Information Security for Cloud Services, ISO 27018:2019-Certified for Data Privacy in Cloud Service, ISO 27033-Certified for Network Security, ISO 14001:2015-Certified for Environmental Management System Standard, ISO 17024:2012-Certified for Telecom Services, Railway Signalling & Telecom Training, Design Testing and Licensing Services and CMMI Maturity Level – 5 - Certified for Process Improvement. The RailTel's Data Centres are Tier-III (Design & Facility) certified.

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Chapter 2: EOI Objective and Scope of Work

2.1 Objective of EOI

This Expression of Interest (EOI) is intended to identify and empanel System Integrators with the technical and operational capability for Installation for CCTV Cameras at O/o. The Director General Anti-Corruption Bureau, Vijayawada.

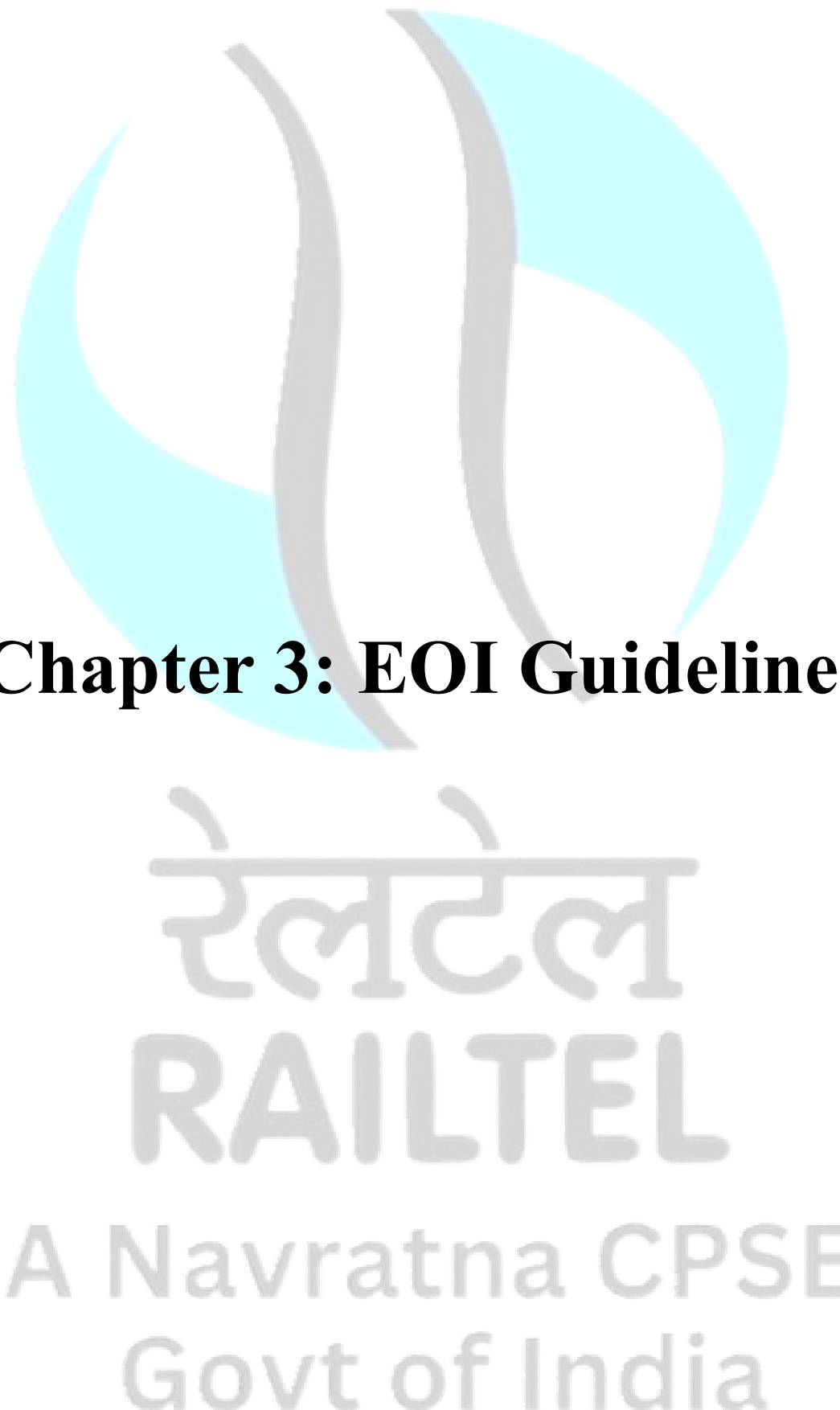
RailTel invites EOIs from RailTel's Empanelled Partners for the selection of suitable partner for participating in above mentioned work for the agreed scope of work. The empanelled partner is expected to have excellent execution capability and good understanding of customer's local environment

2.2 Scope of Work

The scope of work will be "Installation for CCTV Cameras at O/o. The Director General Anti-Corruption Bureau, Vijayawada".

In case of any discrepancy or ambiguity in any clause/specification pertaining to scope of work area, the end customer organization Tender shall supersede and will be considered sacrosanct. (All associated clarifications, response to queries, revisions, addendum and corrigendum, associated prime service agreement (PSA)/MSA/SLA also included.)





Chapter 3: EOI Guidelines

3.1 EOI GUIDELINES

3.1.1. Language of Proposals

The proposal and all correspondence and documents shall be written in English only.

3.1.2. RailTel's Right to Accept/Reject responses

RailTel reserves the right to accept or reject any response and annul the bidding process or even reject all responses at any time prior to selecting the partner, without thereby incurring any liability to the affected partner or Partner or without any obligation to inform the affected partner or partners about the grounds for RailTel's action.

3.1.3. EOI response Document

The partner is expected to examine all instructions, forms, terms and conditions and technical specifications in the bidding documents. Submission of bids, not substantially responsive to the bidding document in every aspect will be at the partner's risk and may result in rejection of its bid without any further reference to the partner.

All pages of the documents shall be numbered and signed by the partner including the closing page in token of his having studied the EOI document and should be submitted along with the bid.

Partner has to agree to comply with all scope of work and terms and conditions including special terms and conditions, SLA and OEM technical & Financial documentation including technical certificates/others as per end-to-end requirement mentioned in the end customer's WORKORDER & its corrigendum (if any) as mentioned below:

3.1.4. Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 120 days from the end of validity of bids to end Customer organization.

3.1.5. Bidding Process

Online mode through RailTel's e-nivida portal. Single packet system.

3.1.6. Bid Earnest Money (EMD)

3.1.6.1. The Partner shall furnish a sum as given in EOI Notice via in the form of BG/DD/online transfer, before submission of final bid to the end customer as given in EOI Notice.

3.1.6.2. Offers not accompanied with valid EOI Earnest Money Deposit shall be summarily rejected.

3.1.6.3. In case of sole partner/ consortium offer is selected for bidding, sole partner/consortium has to furnish Earnest Money Deposit (for balance amount as mentioned in the customer's Bid as and if applicable) for the bid to RailTel. The selected Partner shall have to submit a Bank Guarantee/Online payment against EMD in proportion to the quoted value/scope of work to RailTel before submission of bid to end customer as and if applicable.

3.1.6.4. Return of EMD for unsuccessful Partners: EOI EMD of the unsuccessful Partner shall be returned without interest after completion of EOI process.

- 3.1.6.5. Return of EMD for successful Partner: EOI-EMD & Earnest Money Deposit (balance proportionate EMD) if applicable, of the successful partner will be discharged / returned as promptly as possible shall be returned without interest after completion of EOI process
- 3.1.6.6. Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD, if applicable) and or Penal action as per EMD Declaration:
- 3.1.6.6.1. The EOI EMD may be forfeited and or penal action shall be initiated if a Partner withdraws his offer or modifies the terms and conditions of the offer during validity period.
- 3.1.6.6.2. In case of non-submission of SD/PBG (as per clause no. 6.2) lead to forfeiture of EOI EMD, EMD (balance proportionate EMD) if applicable and or suitable action as prescribed in the EMD Declaration shall be initiated as applicable.

3.2 Performance Bank Guarantee (PBG)

- 3.2.1. In case the bid is successful, the SD/PBG of requisite amount proportionate to the agreed scope of work will have to be submitted to RailTel.
- 3.2.2. As per work share arrangements agreed between RailTel and Partner the SD/PBG will be proportionately decided and submitted by the selected Partner/consortium.

3.3 Last date & time for Submission of EOI response

EOI response must be submitted to RailTel at <https://railtel.enivida.com> specified in the EoI Notice not later than the specified date and time mentioned in the EoI Notice or in corrigendum (if any).

3.4 Modification and/or Withdrawal of EOI response

EOI response once submitted will treated, as final and no modification will be permitted except with the consent of the RailTel.

No Partner shall be allowed to withdraw the response after the last date and time for submission. The successful Partner will not be allowed to withdraw or back out from the response commitments. In case of withdrawal or back out by the successful Partner, the Earnest Money Deposit shall be forfeited and all interests/claims of such Partner shall be deemed as foreclosed. RailTel may also consider for blacklisting of partner for 5 Years.

3.5 Details of Financial bid for the above referred tender

Sole partner/ consortium with lowest (L1) offer will be selected for exclusive agreement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

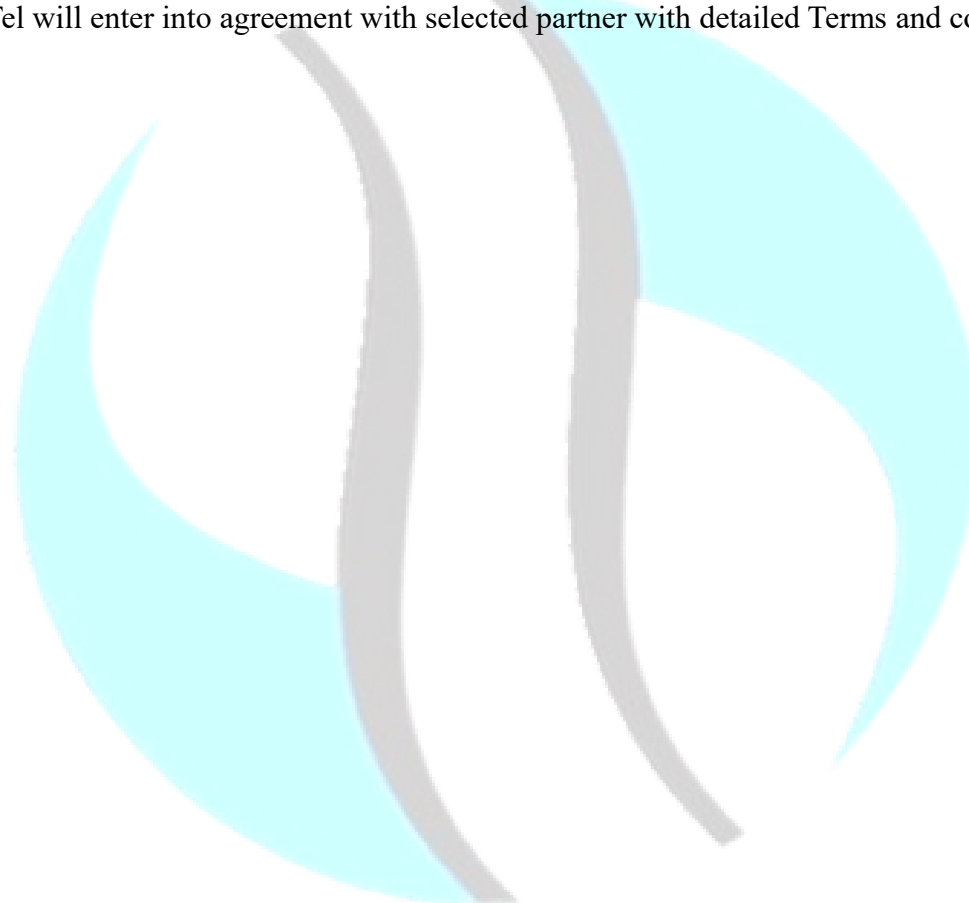
The final bid for the tender may be prepared jointly with the selected Partner/Consortium so that the optimal bid can be put with a good chance of winning the Tender.

3.6 Clarification of EOI Response

To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the Partner for clarification. The response should be in writing and no change in the price or substance of the EOI response shall be sought, offered or permitted.

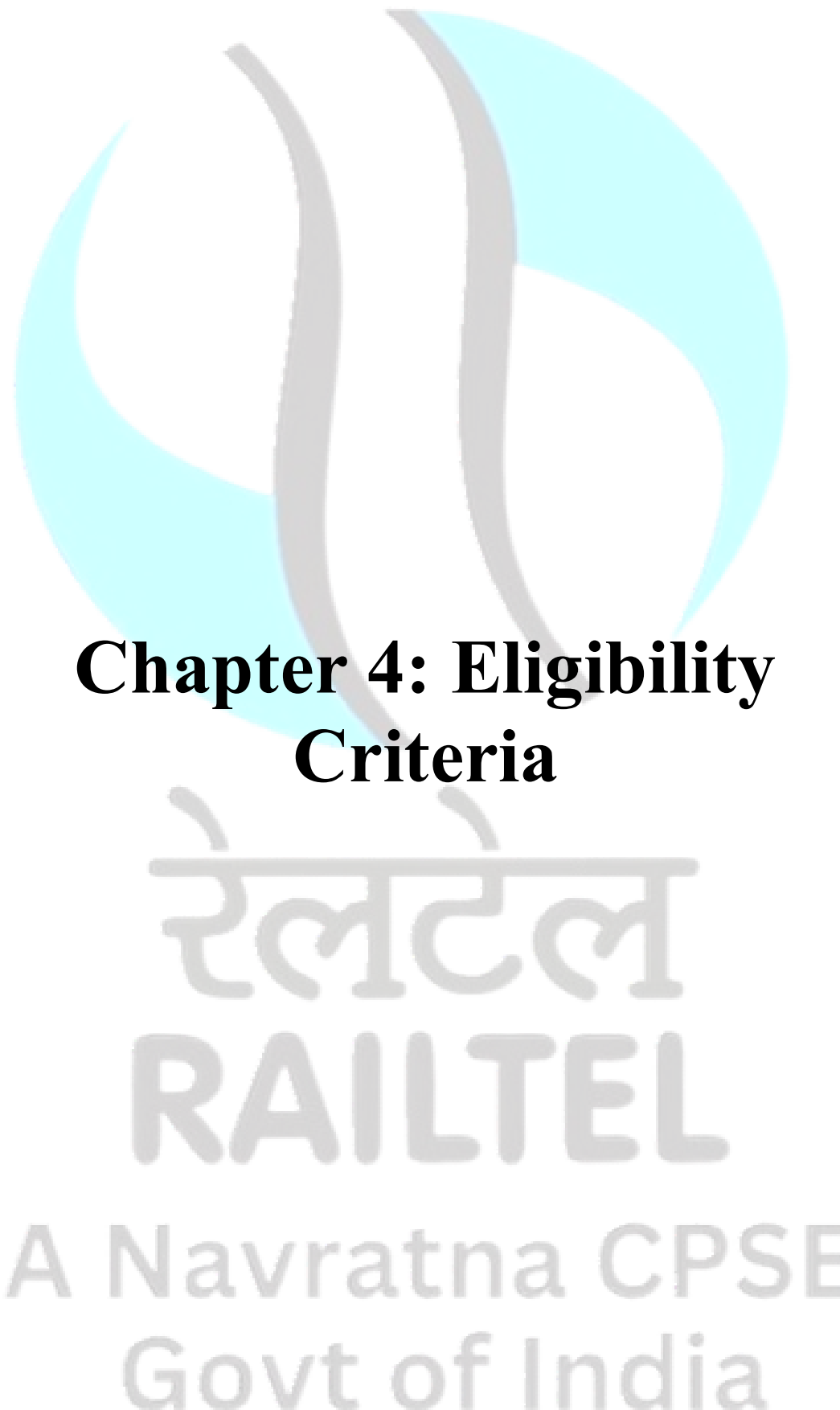
3.7 Period of Association/Validity of Agreement

RailTel will enter into agreement with selected partner with detailed Terms and conditions.



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Chapter 4: Eligibility Criteria

4.1 Partner's Profile

The partner shall provide the information of the below table on company letterhead:

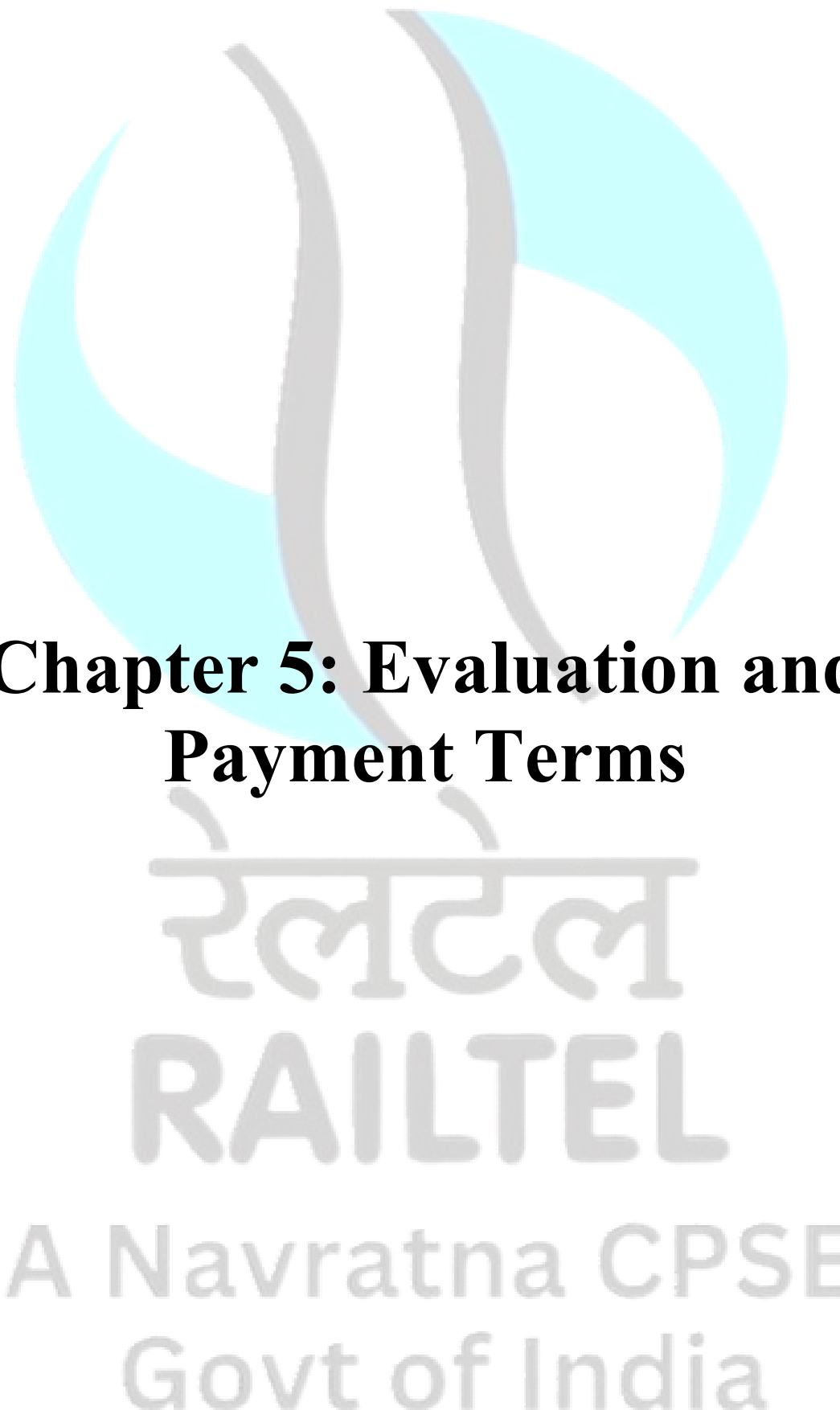
SN	ITEM	Details
1.	Full name of Partner's firm	
2.	Full address, telephone numbers, fax numbers, and email address of the primary office of the organization / main / head / corporate office	
3.	Name, designation and full address of the Chief Executive Officer/Director of the partner's organization, including contact numbers and email Address	
4.	Full address, telephone and fax numbers, and email addresses of the office of the organization dealing with this EOI	
5.	Name, designation and full address of the person dealing with the EOI to whom all reference shall be made regarding the EOI enquiry. His/her telephone, mobile, Fax and email Address	
6.	Bank Details (Bank Branch Name, IFSC Code, Account number)	
7.	GST Registration number	

4.2 Eligibility Criteria for Bidding Business Partner of RailTel

SN	Description	Documents to be uploaded
A) General Eligibility		
1	RailTel's Empaneled Partners	Valid Empanelment letter issued by RailTel
2	a) Should be an organization registered under the provisions of the Indian Companies Act, 2013/ Companies Act, 1956 or a partnership firm registered under the Indian Partnership Act, 1936 or the Limited Liability Partnerships Act, 2008 or an organization registered under society Act. b) Registered with the Income Tax Authorities c) Registered with GST Network d) Should have been operating for the last 3 years as on date of bid submission (applicable only for non-MSE bidders).	a) Certificate of Incorporation/Registration Certificate b) Copy of PAN Card. c) Copy of GST registration certificate. d) Letter from Company Secretary/ Statutory Auditor for operating business for last 3 years as on date of bid submission.
3	Cover letter of the bid with valid authorization details of the person(s) signing the bid document as on date of bid submission.	a) Cover letter signed by an authorized signatory of the bidder as per Annexure 1 b) Power of Attorney (POA) on Non-Judicial stamp paper of Min Value of Rs. 100/- along with Board Resolution.
4	Notarized Affidavit as per Annexure 4	Notarized Affidavit as per Annexure 4

SN	Description	Documents to be uploaded
	(Bids without Notarized Affidavit as per Annexure 4 will be summarily rejected)	
5	The bidder should submit an undertaking that they are not insolvent, in receivership, bankrupt or being wound up, not have had their business activities suspended and not be the subject of Legal proceedings for any of the foregoing.	Undertaking from bidder on Letter Head.
B) Financial Eligibility		
1	The bidder should have minimum average turnover from operations in the previous 3 financial years and the current financial year at least 56.75 Lakhs	Certificate from practicing CA with valid UDIN along with Audited Balance sheet and P&L to be submitted.
2	The bidder should have positive net worth during the last three financial years as on bid calling date.	Certificate from practicing CA with valid UDIN to be submitted.
C) Technical Eligibility		
1	The bidder must have successfully completed any of the following Similar Projects during last 5 years ending last day of month before the one in which EOI is invited: Three Project works each costing not less than 11.35 Lakhs. (Incl. GST) Or Two Project works each costing not less than 15.14 Lakhs. (Incl. GST) Or One Project work costing not less than 22.70 Lakhs. (Incl. GST) Projects must be for Government/PSUs or public-listed clients or private firms and must be supported by relevant work orders and completion certificates or equivalent documentation. Similar Project: Projects related to Installation for CCTV Cameras	Copy of work orders with Completion certificates from the Clients to be submitted
2	MAF from OEM	As per Form 1 (On OEM's letterhead)
3	Technical Compliance	As per Form 2 (On company's letterhead)

All the attached Annexures and Forms in Chapter – 7 should be submitted along with EOI response.



Chapter 5: Evaluation and Payment Terms

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5.1 Evaluation Criteria

- 5.1.1 The Partners are first evaluated based on the Eligibility Criteria as per chapter 4 above.
- 5.1.2 The Partner who fulfils the Eligibility criteria of Bidding sole partner/ consortium shall be further evaluated based on Technical Evaluation and Financial evaluation.
- 5.1.3 For the opened bid as per outcome of the Eligibility criteria above, the partner will be selected on the lowest quote (L-1) basis for complete 'Scope of Work' as mentioned in the EOI document and documents of technical specifications of End Customer, subject to the respective overall bid complies to the requirements of this EOI. The so selected partner will be termed as 'Commercially Suitable Partner (hereafter referred to as 'PARTNER')'. It is re-mentioned that the final selection of PARTNER will be on the L-1 basis only.
- 5.1.4 RailTel reserves the right to have negotiation with the PARTNER at any stage before issuing Work Order.
- 5.1.5 The Partner with lowest commercial (L1) offer will be selected for teaming arrangement for optimizing technical and commercial solution to end customer.
- 5.1.6 RailTel reserves the right to accept or reject the response against this EOI, without assigning any reasons. The decision of RailTel is final and binding on the participants. The RailTel evaluation committee will determine whether the proposal/ information is complete in all respects and the decision of the evaluation committee shall be final. RailTel may at its discretion assign lead factor to the Partner as per RailTel policy for shortlisting partner against this EOI.
- 5.1.7 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

5.2 Payment Terms

- 5.3.1 All payments will be made on a back-to-back basis on value basis.
- 5.3.2 Payment will be made after receiving the invoice for the work / services and after RailTel has received the payment from End Customer for the same work / services. Any deduction/Penalties levied by End Customer on invoices of RailTel will be carried back-to-back in value terms and will be deducted from PARTNER's invoices, subject to the cause to deduction / penalty is due to deviation in terms and conditions of service standards by the PARTNER.
- 5.3.3 Invoices should be submitted to RailTel on RailTel's BTS portal <https://bts.rcil.gov.in>.
- 5.3.4 Documents list required at the time of payment/invoice submission by selected partner shall be: -
 - PO copy issued to selected vendor.
 - Copy of PBG submitted against PO issued to selected partner/vendor.
 - Signed Agreement Copy.
 - Original Invoice for the period claimed.
 - Certified Proof of Completion of Work from RailTel's Representative/RailTel's End Customer.
 - TDS declaration (Income Tax Declaration – TDS ON Software/Licenses Sales Under Notification No. 21/2012 [F.No.142/10/2012-SO (TPL)J S.O. 1323(E), Dated 13-6-2012).
 - PAN, GST Registration Certificates.

##Any deduction/LD/Penalty levied by customer on RailTel will be deducted from Partner in value terms.

#Payment will only be released once proof of submission of GSTR-1 and GST-3B is submitted for claimed invoice.

#The last bills shall be settled after the end of the contract period after adjusting all outstanding dues.

#No interest is payable at any amount whatsoever.

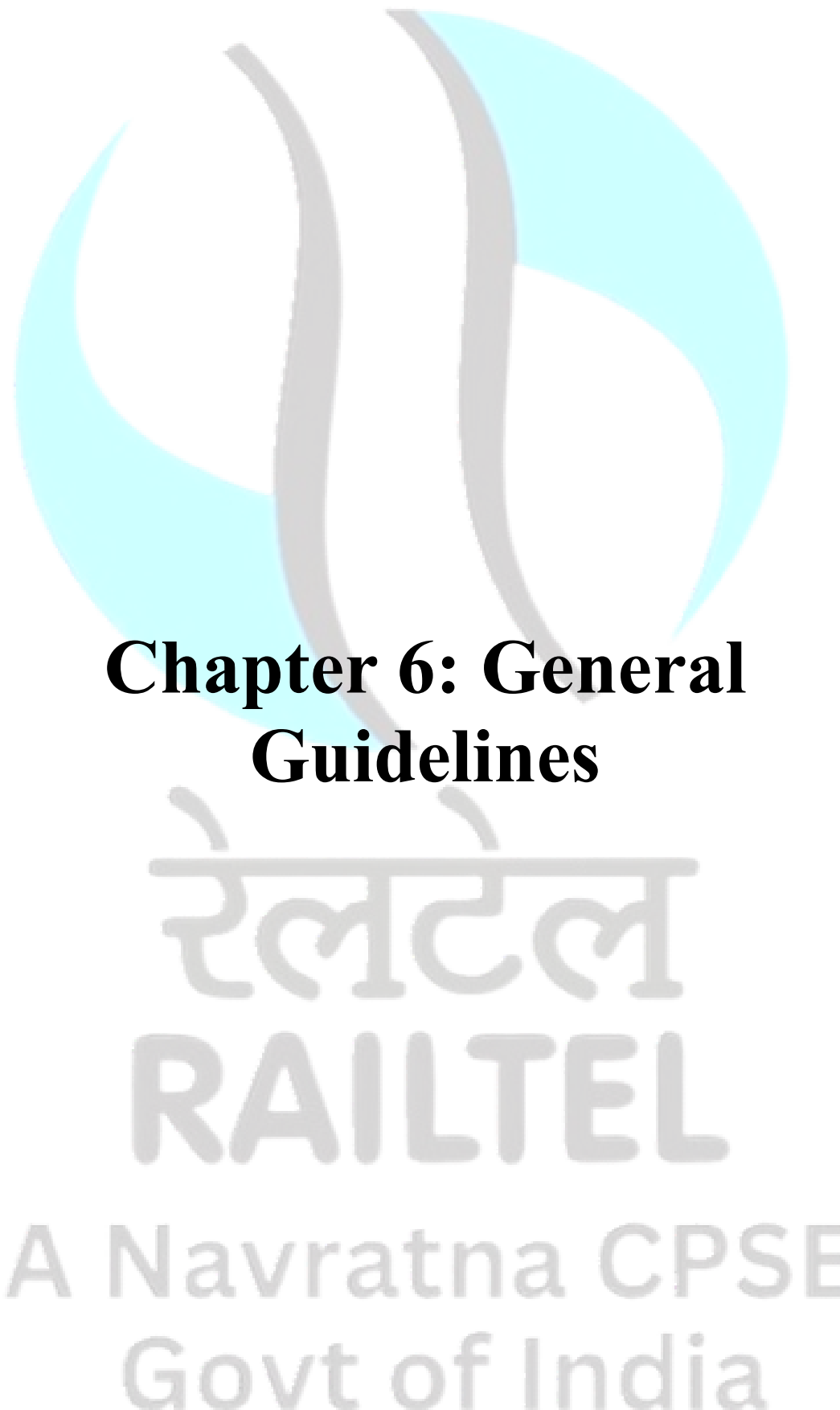
5.3 Bill Passing Authority

RailTel's authorized representative as mentioned in Work Order/Agreement

5.4 Bill Paying Authority

RailTel's authorized representative as mentioned in Work Order/Agreement





Chapter 6: General Guidelines

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6.1 Service Level Agreement (SLA)

The selected partner will be required to adhere to the SLA as given as per WORKORDER for given scope of work and the SLA breach penalty will be applicable back-to-back basis on the selected partner, as specified in the end Customer organization Tender. The SLA scoring and penalty deduction mechanism for in-scope of work area shall be followed as specified in the Tender. All associated clarifications, responses to queries, revisions, addendum and corrigendum, associated Prime Services Agreement PSA/MSA/SLA also included. Any deduction by Customer from RailTel payments on account of SLA breach which is attributable to Partner will be passed on to the Partner on back-to-back basis in terms of value based on its scope of work

All associated clarifications, responses to queries, revisions, addendum and corrigendum, associated Prime Services Agreement PSA/MSA/SLA also included.

Note: Any deduction/LD/Penalty levied by customer on RailTel will be deducted back – to – back from Partner in value terms

6.2 Performance Bank Guarantee (PBG)

- 6.2.1 In case of successful participation the PARTNER shall at its own expense, deposit PBG within fifteen (15) days of the notification of award (done through issuance of the Purchase Order / Work Order/ LOA etc.) and communicated through email, an unconditional and irrevocable Performance Bank Guarantee (PBG) from a Nationalized/ Commercial Scheduled Indian Bank (either private or PSU) but not from any co-operative bank or NBFC as per the format enclosed in this EOI, payable on demand, for the due performance and fulfilment of the contract by the PARTNER. This PBG will be for an amount of ‘10%’ of the contract value. The claim period should be one year more than the expiry date. All charges whatsoever such as premium, commission, etc. with respect to the PBG shall be borne by the PARTNER. Besides, if the total BG amount comes upto ₹5 Lakhs, then same may be deposited through DD/RTGS/NEFT. Along with submission of PBG, PARTNER needs to submit PBG issuing bank’s SFMS report.
- 6.2.2 Under SFMS system, a separate advice of the Bank Guarantee (via SFMS IFN760COV) to be sent to advising bank (RailTel’s Bank) through SFMS by the issuing Bank (Applicant’s Bank), after which the paper Bank Guarantee would become operative. Similar process to be followed for Bank Guarantee amendment/extension also and separate advice (via SFMS IFN767COV) advising bank (RailTel’s Bank) through SFMS by the issuing Bank (Applicant’s Bank).
- 6.2.3 PBG should have validity of **30 months**. The PBG may be discharged / returned by RailTel upon being satisfied that there has been due performance of the obligations of the PARTNER under the contract. However, no interest shall be payable on the PBG. In the event, PARTNER being unable to service the contract for whatsoever reason, RailTel would invoke the PBG at it discern. Notwithstanding and without prejudice to any rights whatsoever of RailTel under the contract in the matter, the proceeds of the PBG shall be payable to RailTel as compensation for any loss resulting from the PARTNER’s failure to complete its obligations under the contract. RailTel shall notify the PARTNER in writing of the exercise of its right

to receive such compensation within 14 days, indicating the contractual obligation(s) for which the PARTNER is in default.

6.2.4 RailTel shall also be entitled to make recoveries from the PARTNER's bills, PBG or from any other amount due to him, the equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.

6.2.5 If the service period gets extended by virtue of extension of same by End Customer, PBG should also be extended accordingly.

6.2.6 During the contract period, RailTel may issue Purchase Order(s) for the additional services ordered by End Customer (in case) to RailTel.

6.2.7 In case the End Customer sought PBG of the contract in the terms of Indemnity Bond from RailTel, the selected partner has to provide the equivalent value PBG from scheduled Bank to RailTel. No Indemnity Bond from Selected Partner will be accepted in lieu of PBG from Scheduled Bank.

6.2.8 In case End Customer has sought any other types of PBG in this contract at present or in future or else Integrity Pact PBG (presently or in future), same remain applicable on selected Partner/Consortium. The said PBG will be issued by Selected Partner from Scheduled Bank favoring RailTel Corporation of India Limited. No Indemnity Bond in lieu of such PBG will be accepted by RailTel.

6.2.9 If End Customer ask for submission for value more than 10% of contract value, same also needs to be submitted by the selected Partner /Consortium.

6.2.10 PBG will be discharged/released only after receipt of RailTel's PBG from RailTel's End Customer.

6.3 Insurance

The selected Partner agrees to take insurances to cover all the elements of the project under this EOI including but not limited to Manpower, Hardware, Software etc. as per End Customer EOI specified terms.

6.4 Liquidity Damages (LD)

Any deduction/LD/Penalty levied by customer on RailTel will be deducted back – to – back from Partner in value terms.

For all liquidity damages mentioned above are exclusive of GST. Final deduction will include GST values.

6.6 Provisional Acceptance Certificate (PAC)

As per Customer workorder.

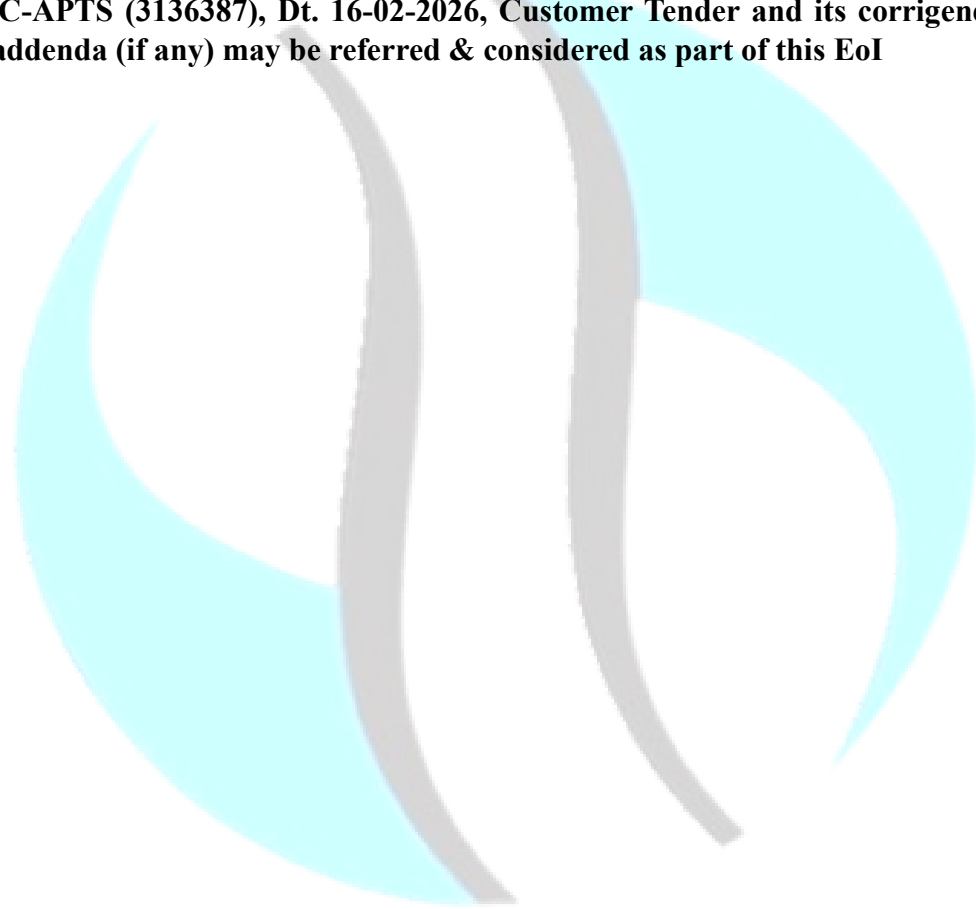
6.7 Final Acceptance Certificate (FAC)

As per Customer workorder.

6.8 Other Conditions:

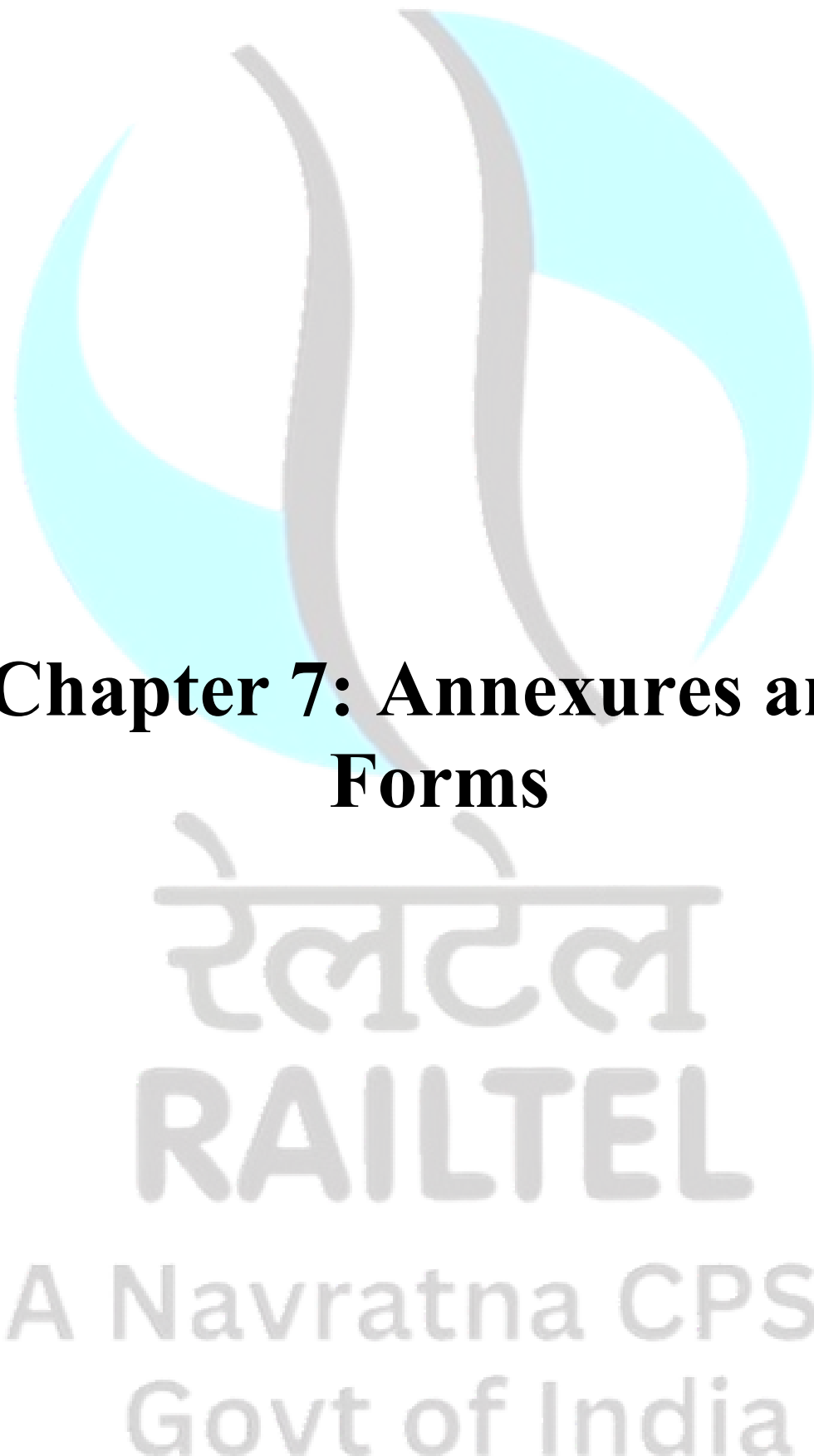
Partner has to agree to comply with all scope of work and term and conditions including special term and condition, SLA and OEM technical & Financial documentation including technical certificates/ others as per end-to-end requirement mentioned in the end customer's WORKORDER.

Anything not mentioned in the EOI, Customer Tender Ref No. ITC51-16021/2/2026-PROC-APTS (3136387), Dt. 16-02-2026, Customer Tender and its corrigenda (if any) and addenda (if any) may be referred & considered as part of this EoI



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Chapter 7: Annexures and Forms

Annexure 1: Format for COVERING LETTER
(to be submitted by sole partner/lead partner in case of consortium)

COVERING LETTER (To be on company letter head)

To,
The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th Floor, Gumidelli Towers, Begumpet Airport
Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016

Dear Sir,

SUB: Participation in the EoI process

Having examined the Invitation for EoI document bearing the reference number _____
released by your esteemed organization, we, undersigned, hereby acknowledge the receipt of
the same and offer to participate in conformity with the said Invitation for EoI document.

If our application is accepted, we undertake to abide by all the terms and conditions mentioned
in the said Invitation for EoI document.

We hereby declare that all the information and supporting documents furnished as a part of
our response to the said Invitation for EoI document, are true to the best of our knowledge.
We understand that in case any discrepancy is found in the information submitted by us, our
EoI is liable to be rejected.

We hereby Submit EMD amount of Rs. _____ issued vide _____ from Bank _____.

Authorized Signatory Name Designation

Annexure 2: Format for Self-Certificate & Undertaking
Self-Certificate (To be on company letter head)

EoI Reference No:

Date:

**To,
The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th Floor, Gumidelli Towers, Begumpet
Airport Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016**

Dear Sir,

Sub: Self Certificate for Tender, Technical & other compliances

- 1) Having examined the Technical specifications mentioned in this EOI & end customer tender, we hereby confirm that we meet all specification.
- 2) We agree to abide by all the technical, commercial & financial conditions of the end customer WORKORDER for which EOI is submitted (except pricing, termination & risk purchase rights of the RailTel). We understand and agree that RailTel shall release the payment to selected sole partner/lead partner in case of consortium after the receipt of corresponding payment from end customer by RailTel. Further we understand that in case selected sole partner/lead partner in case of consortium fails to execute assigned portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected sole partner/lead partner in case of consortium.
- 3) We agree to abide by all the technical, commercial & financial conditions of the end customer's WORKORDER for the agreed scope of work for which this EOI is submitted.
- 4) We hereby agree to comply with all OEM technical & Financial documentation including MAF, Technical certificates/others as per end-to-end requirement mentioned in the end customer's WORKORDER. We are hereby enclosing the arrangement of OEMs against each of the BOQ item quoted as mentioned end customer's WORKORDER. We also undertake to submit MAF and other documents required in the end Customer organization tender in favour of RailTel against the proposed products.
- 5) We hereby certify that any services, equipment and materials to be supplied are produced in eligible source country complying with OM/F. No. 6/18/2019 dated 23rd July 2020 issued by DoE, MoF.
- 6) We hereby undertake to work with RailTel as per end customer's WORKORDER terms and conditions. We confirm to submit all the supporting documents constituting/ in compliance with the Criteria as required in the end customer's WORKORDER terms and conditions like technical certificates, OEM compliance documents.

- 7) We understand and agree that RailTel is intending to select sole partner/ consortium who is willing to accept all terms & conditions of end customer organization's WORKORDER for the agreed scope of work. RailTel will strategies to retain scope of work where RailTel has competence.
- 8) We hereby agree to submit that in case of being selected by RailTel as sole partner/ consortium for the proposed project(for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
- 9) We hereby undertake to sign Agreement and Non-Disclosure Agreement with RailTel on a non-judicial stamp paper of Rs. 100/- in the prescribed Format.
- 10) We undertake that we will not submit directly or indirectly out bids and techno-commercial solution/association with any other organization once selected in this EOI for agreement (before and after submission of bid to end customer organization by RailTel)

Authorized Signatory Name & Designation



Annexure 3: Undertaking for not Being Blacklisted/Debarred

<On Company Letter Head>

**To,
The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th
Floor, Gumidelli Towers, Begumpet Airport
Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016**

Subject: Undertaking for not Being Blacklisted/Debarred

We, Company Name _____, having its registered office at Address _____ hereby declares that that the Company has not been blacklisted/debarred by any Governmental/ Non- Governmental organization in India for past 3 Years as on bid submission date.

Date and Place

Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

Partner's Company Seal:

Annexure 4: Format of Affidavit

FORMAT FOR AFFIDAVIT TO BE UPLOADED BY SOLE PARTNER/
ALL CONSORTIUM PARTNERS ALONG WITH THE EOI DOCUMENTS
(To be executed in presence of public notary on non-judicial stamp paper of the value of
Rs. 100/-. The paper has to be in the name of the Partner) **

I..... (Name and designation) ** appointed as the
attorney/authorized signatory of the Partner (including its constituents),
M/s..... (hereinafter called the Partner) for the purpose
of the EOI documents for the work of as per the EOI
No.
of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the behalf
of the Partner including its constituents as under:

1. I/we the Partner (s), am/are signing this document after carefully reading the contents.
2. I/we the Partner (s) also accept all the conditions of the EOI and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the EOI documents from RailTel website www.railtel.enivida.com. I/we have verified the content of the document from the website and there is no addition, no deletion or no alternation to be content of the EOI document. In case of any discrepancy noticed at any stage i.e. evaluation of EOI, execution of work or final payment of the contract, the master copy available with the RailTel Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6. I/we declare that the information and documents submitted along with the EOI by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7. I/we undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of EOI, it shall lead to forfeiture of the EOI EMD besides banning of business for five years on entire RailTel. Further, I/we (insert name of the Partner) ** and all my/our constituents understand that my/our constituents understand that my/our offer shall be summarily rejected.
8. I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action provided in the contract including banning of business for five years on entire RailTel.

DEPONENT

SEAL AND
SIGNATURE OF
THE PARTNER

VERIFICATION

I/We above named EOI do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

DEPONENT

Place: Dated:

SEAL AND SIGNATURE
OF THE Partner

****The contents in Italics are only for guidance purpose. Details as appropriate, are to be filled in suitably by Partner. Attestation before Magistrate/Notary Public.**

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Annexure-5: FORMAT FOR NON-DISCLOSURE CERTIFICATE

**To,
The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th
Floor, Gumidelli Towers, Begumpet Airport
Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016**

Dear Sir,

Sub: EOI Reference No: RailTel/EOI/ER/XXXX/MKT/XXXXX/XXXX Dtd.

- A. This is in response to the Invitation for EOI for “Selection of Business Associate/Partner(s) from RailTel’s empaneled BAs for the requirement of customer of RailTel (CoR) “_____”
- B. During the course of the above negotiations RailTel (including its affiliates) may in conjunction with the said purpose and for our mutual benefit, disclose to us certain information being proprietary and/or of confidential nature and/or sensitive;
- C. We and our affiliates wish to ensure the protection and secrecy of RailTel’s confidential information which may be disclosed, received or granted access to by RailTel and wish to reduce to writing, our confirmation in this respect.

With regard to the above said purpose, we hereby covenant, warrant and confirm as follows:

1. NON-DISCLOSURE &CONFIDENTIALITY

We agree and undertake to regard and preserve as Confidential Information provided by RailTel or which may be disclosed, received or granted access to by RailTel or come to the knowledge of us in any manner in connection with the negotiations for the possible business relationship.

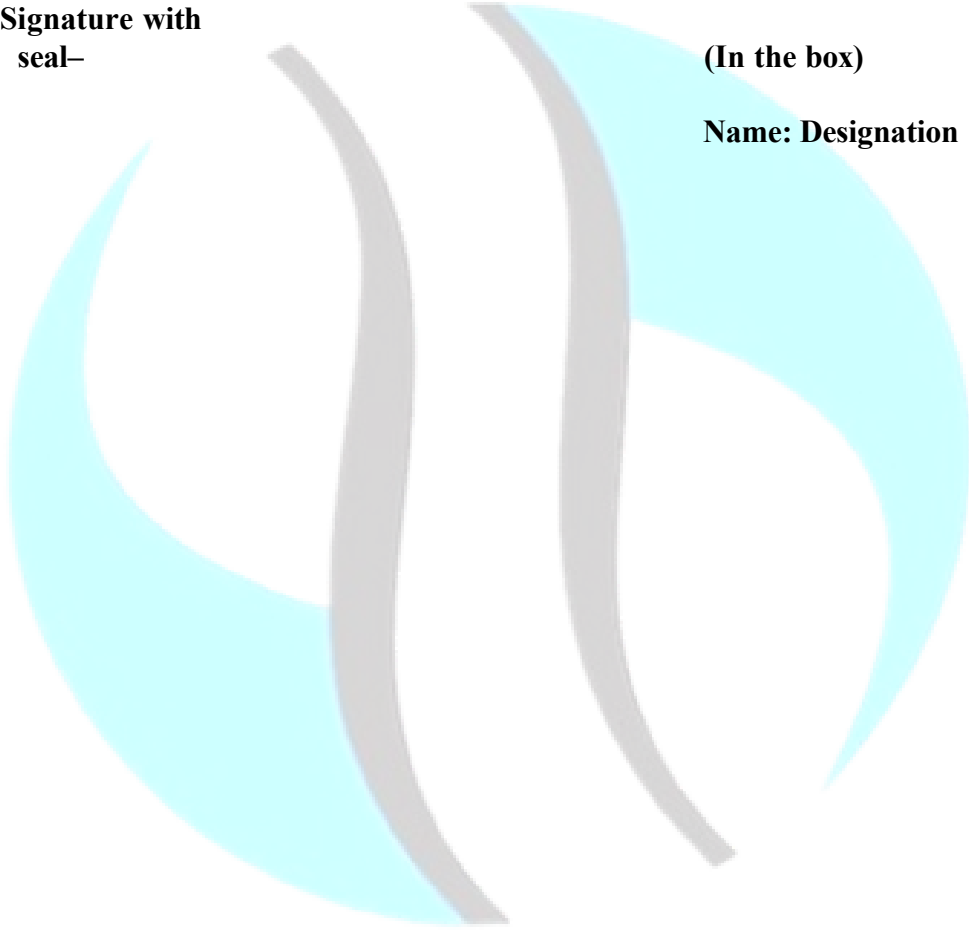
- (a) In maintaining the Confidential Information here under we agree that we shall not, without first obtaining the written consent of RailTel, disclose or make available to any person, firm or enterprise, reproduce or transmit, or use (directly or indirectly) for our own benefit or the benefit of others, any Confidential Information avian except that we may disclose any Confidential Information to its Directors, officers, employees, or advisors on a "need to know" basis to enable them to evaluate such "Confidential"
- (b) We shall ensure that our employee(s) and/ or person(s) shall maintain confidentiality with regard to the disclosed Confidential Information, if any, and shall issue suitable instructions and/ or get suitable written undertakings or agreements executed to bind our employees and/or person(s) to the same obligations of confidence and safeguarding and to adhere to the confidentiality/ non-disclosure terms contained herein.
- (c) Save and except for the purposes mentioned in clause (a) above we further agree that we will not part with/ disclose any "Confidential Information" received by us to any other person directly or indirectly nor make copy(ies) or reproduce in any way (including without limitation store in any computer or electronic system any written material/ documents containing "Confidential Information" and such written material/ documents will be retained under strict confidentiality by us.
- (d) We further agree to exercise the same degree of care that we exercise to protect our own Confidential Information of a like nature from unauthorized disclosure, but in no event shall a less than reasonable degree of care will be exercised by us.

- 1.2 We acknowledge and agreed that information shall not be considered "Confidential Information" to the extent, that such information:
- (a) At the time of disclosure was in the public domain; or
 - (b) Is already known to us free of any confidentiality obligation at the time it is obtained from RailTel; or
 - (c) After disclosure is or becomes publicly known or available through no wrongful act of ours; or
 - (d) Is right fully received from a third party without restriction; or
 - (e) Is approved for release, disclosure, dissemination or use by written authorization from RailTel; or
 - (f) Is required to be disclosed pursuant to a requirement of a governmental agency or laws as long as we provide RailTel with timely prior written notice of such requirement and provide all reasonable co-operation in regard to taking protective action against such disclosure requirement; or
 - (g) Is disclosed after expiry of 5(five) years from the date of signing of this certificate. However, before we disclose any Confidential Information under clause 6, we (to the extent permitted by law) shall use our best endeavor to inform RailTel of any circumstances and the information that will be disclosed.
- 1.3 We further agree and undertake not to disclose the information marked "Confidential Information" of RailTel to our agents or Bidders without prior written approval from RailTel and without having first to obtain from each agent or Bidder a separate written agreement or undertaking binding them to the same obligations of confidence and safeguarding.
- 1.4 We further agree that at the request of RailTel, we shall promptly (and in any case, within 15 days of request), deliver to the RailTel all copies of the Confidential Information in its possession or under its direct or indirect control or shall destroy all memoranda, notes and other writings prepared by us or our affiliates, Directors, officers, employees or advisors to the extent the same are based on the confidential information with a written statement to the effect that upon such return we have not knowingly retained in our possession or under our control, either directly or indirectly, any information or copies of such (other than Confidential Information embedded in our records).
- 1.5 The confidentiality obligations set out herein above shall survive any such return or destruction of Information.
- 1.6 Except as specifically provide adhere in, disclosure of confidential information by us pursuant thereto shall not be deemed to grant or s, any rights, interest or property in such confidential information and accordingly we agree that we will not directly or indirectly claim or submit any application for grant of any patent, copyright, design right or other intellectual property rights in, to on the basis of the confidential information.
- 1.7 We here to acknowledge and agree that in the event of a breach or threatened breach by us of the provisions herein, RailTel may have no adequate remedy in money or damages and accordingly notwithstanding anything contained in clause 4 here of, RailTel shall be entitled to seek in junctive relief against such breach or threatened breach by us: provided, however, no specific action in this confidentiality certificate of a specific legal or equitable remedy shall be construed as a waive or prohibition of any other legal or remedies in the event of a breach or threatened breach of this certificate and there remedies specified here in shall be in addition to all other reliefs and remedies available to RailTel under prevailing laws.

**Date: Signature with
seal–**

(In the box)

Name: Designation



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Annexure-6: EMD (as BG) Format

BG NO:
 ISSUANCE DATE: DD-MM-YYYY
 BG AMOUNT: Rs xxxxxxxx
 /- EXPIRY DATE:
 xx.xx.xxxx

CLAIM EXPIRY DATE : xx-mmm-xx

In consideration of the RailTel Corporation of India Limited, (CIN: L64202DL2000GOI107905) having its registered office at Plate-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi - 110023(Here in after called RailTel) having agreed to exempt Partner Name (CIN:) having its registered office at Partner's address (Here in after called "the said Contractor(s)") from the demand, under the terms and conditions of EOI NO. made between RailTel Corporation of India Limited and Partner Name for(here in after called "the said Agreement") of security deposit for the due fulfilment by the said contractor (s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs. /- (In Words).

We, Bank Name a banking company incorporated under the Companies Act, 1956 and carrying on Banking Business under The Banking Regulation Act, 1949 and having its Registered Office at Bank's Address and its Central office at Bank's Corporate Office Address (indicate the name of the Bank) here in after referred to as "the Bank") at the request of Partner's Name Contractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs /- (In Words) against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breach by said Contractor(s) of any of the terms or conditions contained in the said Agreement.

We, Bank Name do here by undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount as claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any terms and conditions contained in the said Agreement or by the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. /- (In Words).

We, Bank's Name undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor(s)/ Supplier(s) shall have no claim against us for making such payment.

We, Bank's Name further agree that the Guarantee here in contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies that the terms and conditions of the said Agreement have been fully

and properly carried out by the said Contractor(s) and accordingly discharge this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the DD-MM- YYYY (Claim Expiry Date.) We shall be discharged from all liability under this Guarantee thereafter.

We, Bank's Name further agree with the RailTel that the RailTel shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time or to postpone for any time or from time to time any of the powers exercisable by the RailTel against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor(s) or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This Guarantee will not be discharged due to the change in the Constitution of the bank or the Contractor(s) Supplier(s).

Bank's Name lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the RailTel in writing.

Date: DD-MM-YYYY

Place:



Annexure 7 - Self declaration of not be under Ineligibility for corrupt and fraudulent practice

(To be submitted on the letterhead of the Partner)

To,
**The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th
Floor, Gumidelli Towers, Begumpet Airport
Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016**

Ref: EOI No ” _____ ”

Sub: _____

Dear Sir/Madam, We have examined the EoI document, we, the undersigned, herewith submit our response to your EoI no. _____ dated _____ for _____

- I. We have read the provisions of the EoI document and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our EoI shall not be given effect to.
- II. We agree to abide by this EoI, consisting of this letter, the detailed response to the EoI and all attachments, for a period of 120 days from the date of submission of the bid.
- III. We would like to declare that we are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this assignment and we are not under a declaration of ineligibility for corrupt or fraudulent practices.
- IV. We would like to declare that there is no conflict of interest in the services that we will be providing under the terms and conditions of this EoI.
- V. We hereby declare that all the information and statements made in this proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.
- VI. We understand you are not bound to shortlist / accept any EoI you receive.

Sincerely,

Signature of Authorized Signatory and Seal of the Partner

Name: Designation:

Date:

RAILTEL
A Navratna CPSE
Govt of India

Annexure 8: PROFORMA FOR “NIL DEVIATION COMPLIANCE UNDERTAKING”

(To be signed on Bidder’s Letter Head)

To,

**The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th
Floor, Gumidelli Towers, Begumpet Airport
Road, Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016**

EoI Reference No.:

Sub: NIL Deviation Compliance

Over and above all our earlier conformations and submissions as per your requirements of the EoI, we confirm that,

1. All proposed in scope are compliant to the technical specifications of the equipment as mentioned in the latest version of the specifications in the EoI.
2. We hereby certify that the hardware and software (if applicable) mentioned in our technical solution and Bill of Material (BOQ) are complete.
3. We confirm that there is no requirement of any other hardware and software to fulfil requirements as per scope against the EoI. If any additional hardware and software is required to meet in scope requirements, then it would be procured by us at no extra cost to RailTel.
4. We will also ensure our unconditional compliance of all the terms and conditions as mentioned in the EoI document including all corrigenda, addenda and specifications.
5. List of deviations (Partial Compliance and Non-compliance) from terms and conditions as mentioned in the EoI document including all corrigenda, addenda and specifications, if any, is enclosed as Annexure with this form. We understand that any partial compliance or non-compliance, may result in REJECTION of our bid.

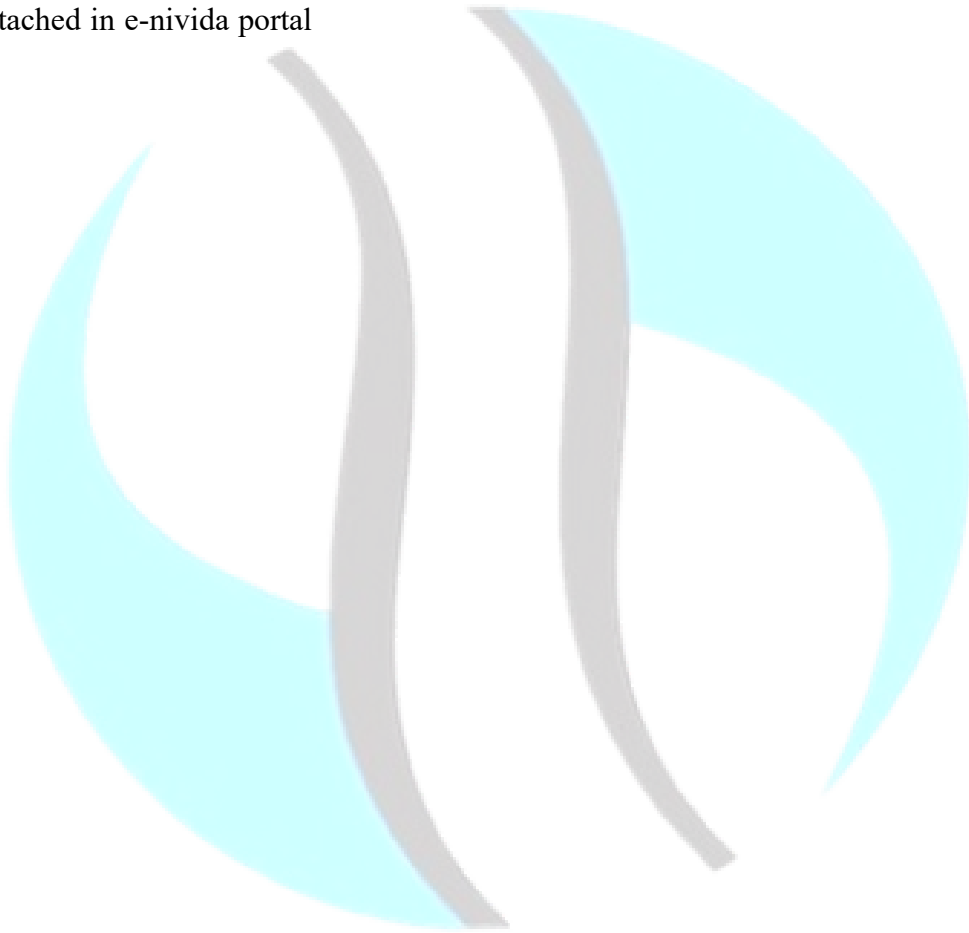
Seal and signature of the bidder

Place:

Date:

(This letter should be on the letterhead of the bidder duly signed by an authorized signatory)

Annexure 9 - Price Bid Format
Attached in e-nivida portal



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Govt of India

Form 1: MANUFACTURERS' AUTHORIZATION FORM

EOI No.:

Date:

To,

The Principal Executive Director,
RailTel Corporation of India Ltd. 6A, 6th Floor,
Gumidelli Towers, Begumpet Airport Road,
Prakash Nagar Metro Station,
Begumpet, Hyderabad – 500016

Dear Sir:

Ref:

1. We, who are established and reputable manufacturers / producers of having factories/ development facilities at (address of factory / facility) do hereby authorize to submit a Bid and sign the contract with you against the above EoI.
2. We hereby extend our full warranty and support in accordance with the terms of the above ref for the Products and services offered against the above Tender. Support (Warranty and AMC) shall be on-site and comprehensive in nature having back-to-back support from us. In case Service Provider fails to provide Warranty and AMC or out of service due to any reasons, then we shall either provide ourselves or make alternative arrangement for the Warranty/ Service/AMC of the Product(s) as required in accordance with the terms and conditions of the above Tender, at no extra cost.
3. We duly authorize RailTel to act on our behalf in fulfilling all installations, technical support and maintenance obligations required by the contract.
4. We hereby certify that we have read the clauses contained in O.M. No. 6/18/2019-PPD, dated 23.07.2020 order (Public Procurement No. 1), order (Public Procurement No. 2) dated 23.07.2020 and order (Public Procurement No. 3) dated 24.07.2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India. We further certify that we are not from such a country or if from a country, has been registered with competent authority.
5. We have gone through the Tender and agree with all the terms and conditions.

Yours faithfully,

(Name of Manufacturer / Producer)

RAILTEL
A Navratna CPSE
Govt of India

Form 2: Technical Compliance

EOI No.:

Date:

SN.	Feature	Specification	Compliance (Yes/No)
Item No.1-5 MP or Higher Bullet Camera -60 Nos			
1	General	Make / Modal	
2	IP Camera	Yes	
3	Image Sensor	1/2.7" or better Progressive Scan CMOS	
4	Min. Illumination	0.01 Lux; 0.0001 Lux with IR /white light	
5	Shutter Speed	1/15 to 1/100000s or better	
6	Day & Night Mechanism	IR Cut Filter	
7	Day/Night Switch	Unified/Scheduled/Auto	
8	Type	Fixed Focal Lens	
9	Focal Length	2. 8mm/ 3.6mm/6 mm or better	
10	Aperture	F1.6	
11	Lens Mount	M12	
12	DORI Distance	• 2.8 mm or better - Detect: 64 m (210 ft) or better Observe: 27 m (89 ft) or better Recognize: 13 m (43 ft) or better - Identify: 6 m (20 ft) or better	
13	Range	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0°	
14	IR LED	Quantity: 2 Range: 30m Wavelength: 850nm	
15	Illuminator On/Off Control	Auto/Scheduled/Always on/Always off	
16	Max. Resolution	2880 X 1620 or better	
17	Main Stream	1 to 20 fps	
18	Sub-Stream	1 to 20 fps	
19	Bit Rate Control	CBR, VBR	
20	Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264	
21	Video Bit Rate	• Main Stream: 128 Kbps to 16 Mbps or better • Sub-Stream: 64 Kbps to 512 Kbps or better	
22	Image Settings	Brightness, Contrast, Saturation, Sharpness, Auto Exposure, WDR, White Balance	
23	Image Enhancement	BLC/3D DNR/HLC/SmartIR	
24	Wide Dynamic Range (WDR)	120dB	
25	SNR	≥ 52 dB or better	

26	Image Parameters Switch	Yes	
27	Privacy Mask	Up to 4 Masks or better	
28	ROI	1 Region	
29	Audio Input	Yes- (built-in microphone where supported)	
30	Audio Compression	Yes	
31	Audio Sampling Rate	8KHz or higher	
33	Audio Communications	Two-way audio / built in microphone communications	
32	Environment Noise Filtering	Yes	
33	Audio Bit Rate	16 Kbps or above (G.711 A-law)	
34	Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, IPv4, IPv6	
35	API	Open Network Video Interface (Profile S)	
36	Web Browser	Google Chrome® 57 and above Firefox® 52 and above Safari® 11 and above Microsoft® Edge 91 and above	
37	Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication	
38	Simultaneous Live View	3 streams	
39	ONVIF	Yes	
40	Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE	
41	On-board Storage	Built-In Memory Card Slot, Support MicroSD Card 256 GB or above	
42	Reset Button	Yes	
43	Power	DC Power Port	
44	Smart Event	Intrusion Detection, Line-Crossing Detection	
45	Basic Event	Motion Detection, Video Tampering Detection, Exception (Illegal Login)	
46	Output Notification	Message/alerts Push	
47	Operating Temperature	-10 °C – +55 °C	
48	Operating Humidity	95% or Less (Non-condensing)	
49	Storage Humidity	95% or Less (Non-condensing)	
50	Power Supply	• 12V DC $\pm$ 5%, Max. 9.7 W, 5.5 mm Coaxial Power Plug • PoE: 802.3af/at, class 0, Max. 10.7 W	

51	Material	Metal or Metal & Plastic	
52	Protection	IP67 or higher	
53	Certifications	STQC	
54	Camera back box	Yes	
56	Required Accessories	As per site requirement	
55	Warranty	One Years Warranty	
56	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item No.2-5 MP or Higher Dome Camera -90 Nos			
1	General	Make and Mode <Please Specify>	
2	IP Camera	Yes	
3	Image Sensor	1/2.7" or better Progressive Scan CMOS	
4	Min. Illumination	0.01 Lux; 0.0001 Lux with IR /white light	
5	Shutter Speed	1/3 to 1/10000s or better	
6	Day & Night Mechanism	IR Cut Filter	
7	Day/Night Switch	Unified/Scheduled/Auto	
8	Type	Fixed Focal Lens	
9	Focal Length	2.8mm /4 mm	
10	Aperture	F1.6	
11	Lens Mount	M12	
12	DORI Distance	• 2.8 mm Detect: 64 m (210 ft) or better Observe: 27 m (89 ft) or better Recognize: 13 m (43 ft) or better Identify: 6 m (20 ft) or better • 4 mm Detect: 80 m (262 ft) or better Observe: 33 m (108 ft) or better Recognize: 16 m (52 ft) or better Identify: 8 m (26 ft) or better	
13	Adjustable Range	Pan: 0° to 330° or better, Tilt: 0° to 75° or better, Rotate: 0° to 330° or better	
14	IR LED	Quantity: 3 or above, Range: 30m, Wavelength: 850nm	
15	Illuminator On/Off Control	Auto/Scheduled/Always on/Always off	
16	Max. Resolution	2880 X 1620 or better	
17	Main Stream	1 to 20 fps	
18	Sub-Stream	1 to 20 fps	
19	Bit Rate Control	CBR, VBR	

20	Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264	
21	Video Bit Rate	• Main Stream: 128 Kbps to 16 Mbps or above • Sub-Stream: 64 Kbps to 512 Kbps or above	
22	Image Settings	Brightness, Contrast, Saturation, Sharpness, auto Exposure, WDR, White Balance	
23	Day/Night Switch	Unified, Scheduled, Auto	
24	Image Enhancement	BLC/3D DNR/HLC/ Smart IR	
25	Wide Dynamic Range (WDR)	120dB	
26	SNR	≥ 52 dB	
27	Image Parameters Switch	Yes	
28	Privacy Mask	Up to 4 Masks or above	
29	ROI	1 Region	
30	OSD Setting	Yes	
31	Audio Input: Yes (Inbuilt or External mic)	Yes	
32	Audio Compression	Yes	
33	Audio Sampling Rate	8KHz or higher	
34	Environment Noise Filtering	Yes	
35	Audio Bit Rate	16 Kbps or above (G.711 A-Law)	
36	Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, IPv4, IPv6	
37	API	Open Network Video Interface (Profile S)	
38	Web Browser	Google Chrome® 57 and above Firefox® 52 and above Safari® 11 and above Microsoft® Edge 91 and above	
39	Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication	
40	Simultaneous Live View	3 streams	
41	Client	OEM base app or VMS	
42	ONVIF	Yes	
43	Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE	
44	On-board Storage	Built-In Memory Card Slot, Support MicroSD Card 256GB or above	

45	Reset Button	Yes	
46	Power	DC Power Port	
47	Smart Event	Intrusion Detection, Line-Crossing Detection	
48	Basic Event	Motion Detection, Video Tampering Detection, Exception (Illegal Login)	
49	Output Notification	Message/alerts Push	
50	Operating Temperature	-10 °C – +55 °C	
51	Operating Humidity	95% or Less (Non-condensing)	
52	Power Supply	12V DC $\pm$ 5%, Max. 11 W, 5.5 mm Coaxial Power Plug - PoE: 802.3af/at, class 0, Max. 12 W	
53	Material	Metal or Metal & Plastic	
54	Protection	IP67 or higher	
55	Camera back box	Yes	
56	Required Accessories	As per site requirements	
57	Certifications	STQC	
58	Warranty	One Year Warranty	
	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)

Item No.3-16 channel NVR/2 SATA-15 Nos

1	General	Make and Mode <Please Specify>	
2	Processor	Industrial-grade embedded processor	
3	IP Camera Input	16 channel	
4	Operating System	Embedded LINUX	
5	Operation Interface	Web/operating in local GUI	
6	Performance by Camera	8 MP	
7	AI Search by Camera	Search for pictures by channel, time and event type	
8	Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard	
9	AI Search by Face Detection	Search for pictures by channel, time and face attributes	
10	Performance by Face Detection	4 channels	
11	Video Output	1 x VGA output, 1 x HDMI output, supports simultaneous video sources output for VGA and HDMI	

12	Compression	InstaStream/H.265/Smart H.264+/H.264/MJPEG	
13	Performance by SMD Camera	12 channels	
14	AI Search by SMD Camera	Search by target classification (human, vehicle)	
15	Network Bandwidth	Access: 160 Mbps; Storage: 160 Mbps; Forward: 64 Mbps	
16	Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1	
17	Decoding Capability	8 × 1080p@30fps	
18	Multi-screen Display	1, 4, 8, 9, 16 views	
19	Third-party Camera Access	ONVIF; RTSP	
20	General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm	
21	Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, cybersecurity exception	
22	Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset, and email	
23	Intelligent Alarm	Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms	
24	Audio Compression	PCM/G711A/G711U/G726/AAC	
25	Audio Input	1 × RCA input	
26	Audio Output	1 × RCA output	
27	Alarm Input	4 Channel	
28	Alarm Output	2 Channel	
29	Record Mode	Manual record; alarm recording; SMD recording; smart recording	
30	Smart Phone	iPhone, iPad, Android Phone	
31	Hard Disk	2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature	
32	Browser	Chrome; IE9 or later; Firefox	
33	Disk Group	Yes	
34	Multi-channel Playback	Up to 16 channels for playback	
35	Playback Function	Play/pause/stop/slow/quick/backward/by frame; full screen, backup (video clip/file), partial zoom in, and audio on/off	
36	Storage	Local HDD; network	
37	Backup	USB storage device	

38	Interface Ports	2 USB Ports (1 × front USB2.0; 1 × back USB2.0)	
39	Ethernet	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	
40	Protocols	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search; InstaOn; auto register; ONVIF (profile T/S/G); CGI; SDK	
41	Power Supply	12 V DC, 4 A	
42	Power Consumption	< 10 W (HDD not included, idling)	
43	Working Temp	-10°C to +55°C (+10°F to +131°F)	
44	Operating Humidity	10%–93%	
45	Operating Altitude	3000 m	
46	Dimensions	375 mm × 282.4 mm × 53 mm (14.76 in × 11.12 in × 2.09 in) (W × L × H)	
47	Weight	1.51 kg	
48	Required Accessories	As per site requirements	
49	Warranty	One Year Warranty	
50	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item no.4-16 Port POE Switch-15 Nos			
1	General	Make and Mode <Please Specify>	
2	Uplink Ports	2 Ports 1000Mbps RJ45 uplink ports + 1 Port 1000Mbps SFP port	
3	Network Standard	IEEE802.3/802.3u/802.3ab/802.3z/802.3x	
4	Switch Capacity	9.2 Gbps Full duplex	
5	Packet Forwarding Rate	6.844Mpps	
6	PoE Ports	16, 10/100Mbps; RJ45 ports; Max. 30W Output of Single PoE Port	
7	Network Ports	19	
8	Transmission Distance	0-100Mtr./1000Mbps or Max. 250Mtr./10Mbps via Cat.5e or more under Extend mode	
9	MAC Address List	2K	
10	PoE Standard	IEEE802.3af, IEEE802.3at	
11	Packet Buffer	1.5Mb	
12	PoE watchdog	Support	

13	Switch Mode (SW)	Green light off: Normal/Default mode, Green light on: VLAN mode, Green light flash: Extend mode	
14	ESD Protection	Air discharge: 8KV, Contact discharge: 6KV	
15	Surge Protection	Common mode/RJ45 port:4KV, Differential mode/RJ45 port: 2KV, Common mode/Power board: 4KV, Differential mode/Power board: 2KV	
16	VLAN	Support	
17	Forwarding Mode	Store-and-forward	
18	PoE Feature	All ports support MDI/MDIX	
19	PWR (Power supply Indicator)	Light on: Powering; Light off: No Power	
20	RJ-45 ACT indicator	Green light off: Link is disconnected, Green light on: Link is connected , Green light flash:Data Transmitting	
21	Operating Temperature	-10°C~-50°C	
22	Operating Humidity	10%-95% , non-condensing	
23	Storage Temperature	-40°C~70°C	
24	PoE Power Supply	1/2(+),3/6(-)	
25	Power Source	Bult-in Power Supply, Input: 100-240V AC, 50/60Hz	
26	PoE Power Budget	200W	
27	Power Consumption	<5W	
28	Dimensions	320mm x 207mm x 45mm	
29	Weight	1.71kg (not include input cable & packaging)	
30	Certification	FCC/CE,UL,RoHS	
31	Required Accessories	As per site requirements	
32	Warranty	One Year Warranty	
33	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item 5-10 TB hard Disk-30 Nos			
1	General	Make and Mode <Please Specify>	
2	Hard disk type	Surveillance hard disk	
3	Capacity	10 TB each	
4	Rotational speed	5400 RPM or higher	
5	Hard drive	Serial ATA	

	interface		
6	Certification	FCC/CE,RoHS,BIS	
7	Required Accessories	As per site requirements	
8	Warranty	One Year Warranty	
9	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item 6-Cat6 UTP Cable (305 Meters bundle) – 45 Qty			
1	General	Make and Mode <Please Specify>	
2	Type	4 pair Category 6 Unshielded Twisted Pair or better	
3	Conductors	23 AWG (0.57mm) solid bare copper or better	
4	Insulation Material	HDPE/Polyolefin/PE,LSZH/PVC/PE jacket	
5	Outer Jacket material	LSZH/PVC/PE or better	
6	Operating Temperature	0 °C to +60 °C	
7	Frequency Range	1 - 250 MHz	
8	Running Length Marked	Yes	
9	Cable standards	Meets ANSI/TIA 568-C.2 or higher Category. ISO/IEC 11801 compliance,	
SN.	Feature	Specification	Compliance (Yes/No)
Item No.7-PVC/Pie/L-Bag/Fun-500Mtrs-7500 Nos			
1	General	Make and Mode <Please Specify>	
2	PVC conduit	25mm diameter ISI PVC conduit along with suitable bends and accessories as per the site requirement.	
SN.	Feature	Specification	Compliance (Yes/No)
Item No.8-15U Network Rack-15 Nos			
1	General	Make and Mode <Please Specify>	
2	Rack Standard	Conforms to DIN 41494 or equivalent standard	
3	Front Door	Lockable Toughened Tinted Glass Door	
4	Basic Frame	CRCA steel	
5	Construction	Welded	
6	Equipment Mounting	DIN Standard Slots	
7	Mounting Angle	19" Mounting angles made of formed steel	
8	Top and Bottom Cover	Welded to Frame, Vented and Field Cable entry exit cut outs on Top & Bottom	

9	Static Load	40 KGS Or Above	
10	Width	Width: 550mm	
11	Depth	Depth: 450mm	
12	Power Distribution Units.	Power Distribution Units.: Should supply with 6 Socket 5/15 Amp PDU with surge/Spike Buster required	
13	1U Horizontal Cable Manager + Fan 01 no's + Hardware Accessories	Should supply along with 90 CFM fan+1U Horizontal Cable manager with Plastic loops+ hardware packet of 20 no's	
14	Colour	Standard Color: Grey (RAL 7035/7037)	
15	OEM Criteria	Manufacturer should have ISO 9001:2015 Certification for Quality Management System and ISO 14001:2015 Certification for Environmental Management System.	
16	Required Accessories	As per site requirements	
17	Warranty	One Year Warranty	
18	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item No.9-32"LED Display with 10 Mtrs HDMI Cable-15 Nos			
1	General	Make and Mode <Please Specify>	
2	Backlight	LED Backlight	
3	Diagonal size	31.5 (+/- 0.5) inch	
4	Resolution	HD (1366x768)	
5	Visual angle	Horizontal - 178° ; Vertical - 178°	
6	Response time	8ms	
7	Contrast	1000:1 or better	
8	Brightness	300cd/m2 or better 200 nits or above	
9	Input interface	USB 2.0 x 1, HDMI x 1	
10	Working Temperature	5°C ~ 40°C	
11	Working Humidity	20%~80% RH (No Condensation)	
12	Power Supply	AC100~240V	
13	Accessories	Power Cord, Battery, Remote Control etc.	
14	Certification	BIS,RoHS	
15	Warranty	One Year warranty	
16	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item No.10-1KVA UPS -15 Nos			
1	General	Make and Mode <Please Specify>	
2	Battery Make	Sealed lead-acid (SMF/VRLA) batteries	

3	Battery (AH)	12v / 120 AH	
4	Accessories	Vendor should supply the required I/O Cables, Suitable Rack to connect the above batteries etc	
5	Backup	30 Min	
6	Certification	Offered model batteries should be validated and certified by ETDC/SAMEER/NABL	
7	Cabling & Connectors	With required 2-3 Meters cables to Connect UPS	
8	Warranty	One Year Warranty	
9	AMC	For 2 nd & 3 rd year	
SN.	Feature	Specification	Compliance (Yes/No)
Item 11: Installation & Transport Charges			

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