RAILTEL CORPORATION OF INDIA LTD
(A Navratna CPSE)

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 For "Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter" from empanelled Business Associates"

EOI No: RailTel/SR/ERS/Mktg/2025-26/EOI/07 Dt.12.12.2025

Issued By
RailTel Corporation of India Ltd
Kerala Territory Office, Southern Region,
1st Floor Eastern Entry Tower Ernakulam Junction Railway Station Ernakulam, 682016

Disclaimer

RailTel Corporation of India Ltd. (herein after called the RailTel) has prepared this Expression of Interest (EOI) document solely to assist prospective bidders in making their decision of whether bid or not to bid.

While the RailTel has taken due care in the preparation of information contained herein and believes it to be accurate, neither the RailTel or any of its Authorities or Agencies nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it. This information is not intended to be exhaustive and interested parties are required to make their own inquiries and do site visits that it may require in order to submit the EOI. The information is provided on the basis that it is non– binding on RailTel, any of its authorities or agencies or any of their respective officers, employees, agents or advisors. The RailTel reserves the right not to proceed with the bidding/EOI process at any stage without assigning any reasons thereof, or to alter the timetable reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the EOI further with any party submitting an EOI. No reimbursement of cost of any type will be paid to persons or entities submitting the EOI

<u>EOI NOTICE</u>
RailTel Corporation of India Ltd.
Kerala Territory Office
1st Floor, Eastern Entry Tower,
Ernakulam South Railway Station,
Kochi – 682016

EXPRESSION OF INTEREST
EOI No RailTel/SR/ERS/Mktg/2025-26/EOI/07 Dt.12.12.2025

RailTel Corporation of India Ltd., (hereafter referred to as RailTel) invites responses from RailTel System Integrator for exclusive PRE-BID TEAMING ARRANGEMENT for Engagement of an Agency for "Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter"from empanelled Business Associates".

The details are as under:

1	Date of Floting EOI	12-12-2025
2	Last date for submission of Bids against EOI	17-12-2025 at 14:00 Hours
3	Date of opening of E-Bids	17-12-2025 at 14:30 Hours
4	Number of Packets	Single Stage (Single Packet System)
5	Estimated Value of EOI	Rs.1,50,18,840/- excluding GST (Rupees One Crore Fifty Lakh Eighteen Thousand Eight Hundred Forty only)
6	Portal for Submission of bids	https://railtel.eNivida.com
7	EOI EMD	Token EMD of Rs. 3,00,380/- to be submitted along with the EoI in form of BG or in the form of 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.
Partner needs to share copy in case of EMD in form of BG & in case of online payment partner to share transfer details like UTR No. date and Bank along with the proposal.
Eligible Partners are required to direct all communications related to this Invitation for EoI document, through the following Nominated Point of Contact persons:

Level:1 Contact: Shri. Suvin Varghese, DM/Mktg/ERS
Email: suvinvarghese@railtelindia.com Contact: +91-8075285582

Level:2 Contact: S Shri. M Pazhanivelan, JGM/TM/ ERS
Email: pazhani@railtelindia.com Contact: +91-90031 44207

SPECIAL CONDITIONS OF EOI

1. The EOI response is invited from RailTel's Empanelled Partners and Prospective Partners who have applied 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-nivida 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 is Not Allowed
7. This is an exclusive pre-RFP partnership arrangement with empanelled Partner of RailTel for participating in the end customer RFP. Selected partner's authorized signatory has to give an undertaking that they will not submit directly or indirectly their bids and techno-commercial solution/association against tender Ref No mentioned below with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel). This undertaking has to be given with this EOI Response.
8. 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.
9. Partner/Consortium 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 RFP & its corrigendum (if any) as mentioned below:

Tender Ref. No	No.F1/T-3/CCTV-36-W.ISLAND/2025/M
Date of floating	17.11.2025
Floated on portal	www.tenderwizard.com/COPT

10. MAF required for submission to end customer by RailTel in their prescribed format (if any) shall be responsibility of the Bidder.
11. Anything not mentioned in the EOI, Customer RFP and its corrigendum (if any) and addendum (if any) may be referred & considered.
12. Selected partner /Lead Bidder from consortium will be responsible for facilitating RailTel to get/collect /prepare all the documentations related to end customer RFP.
13. Affidavit as per Annexure 4 , Pre – Contract Integrity Pact, and Power of Attorney should be submitted in original and hard copy before signing of agreement with RailTel.

Contents

1 : INTRODUCTION
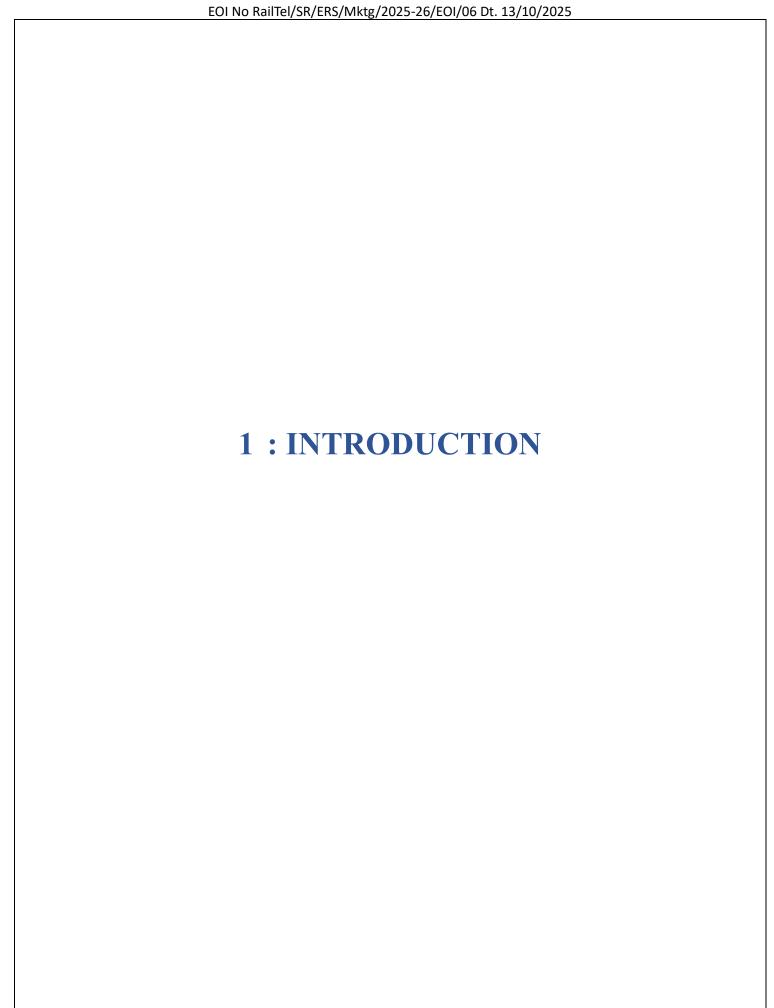
1.1 RAILTEL – INTRODUCTION

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-4-Certified for Process Improvement. The RailTel's Data Centres are Tier-III (Design &Facility)certified.

2 : EOI OBJECTIVE SCOPE OF WORK

2.1   PROJECT BACKGROUND AND OBJECTIVE OF EOI

RailTel intends to participate in RFP floated by end Customer organization for **"Supply, installation, testing and commissioning of 36 nos. of IP CCTV surveillance systems at various locations of Cochin Port Authority including 2 years guarantee and 5 years comprehensive CAMC thereafter."** with Tender No. **"No.F1/T- 3/CCTV-36-W.ISLAND/2025/M dtd. 17.11.2025".**

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 as mentioned in the pertinent end Customer organization Tender for Engagement of an Agency for "**REQUEST FORPROPOSAL (RFP) FOR "Supply, installation, testing and commissioning of 36 nos. of IP CCTV surveillance systems at various locations of Cochin Port Authority including 2 years guarantee and 5 years comprehensive CAMC thereafter**" with Tender No. "**"No.F1/T- 3/CCTV-36-W.ISLAND/2025/M dtd. 17.11.2025**" on **www.tenderwizard.com/COPT** with all latest Amendment/ Corrigendum/ Clarifications. In case of any discrepancy or ambiguity in any clause/specification pertaining to scope of work area, the RFP released by end customer organization 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.)

#Special Note: RailTel may retain any portion of the work mentioned in the end organization RFP, where RailTel has competence so that overall proposal becomes most winnable proposal.

2.2.1   Broder Scope of Work

2.2.1.1 A. General:

1. The Scope of Work is for providing IP CCTV cameras at various locations of Cochin Port including Container Freight Station (CFS) and making available the CCTV visuals in the CISF Control Room on the 7th floor of the New Administrative Building of Cochin Port. The cameras shall be erected on GI poles or on the existing buildings. Optical Fiber / Cat 6 cable shall be laid through HDPE/PVC pipe/ ground / clamping along walls from the nearest OFC available point of Cochin Port and connections provided by installing Outdoor/Indoor wall mounting rack, Poly carbonate junction box, SFU modules, POE switches, MCB's etc. Lightning arrestor, surge protector, earthing and UPS shall be provided for each camera. In addition, OFC cable is proposed to be laid from the nearest OFC location to the existing and proposed CCTV cameras in the 2 Toll gates, existing CCTV cameras in A2-A3 areas near CoPA avenue walkway and also from the BTP Berth to the existing camera near the Private Jetty. Wireless communication is also intended from the cameras at two locations, viz. Cochin Oil Terminal and North Tanker Berth(existing) to CISF control room on the 7th floor of New Administrative Building.

2. At present, Cochin Port has a comprehensive network of NVR based IP cameras (47 Nos.) spread all over Willingdon Island (8 sq. km). List and type of existing cameras with locations provided is given below for reference. These 47 Nos. cameras (10 Nos. in CFS) are of HANWHA make and installed after 2016 and are under CAMC/ Guarantee. These cameras are NVR based with HDDs capable of recording upto 90 days and visuals available in the CISF control room on the 7th floor of the New Ad. Bldg. The data is being transmitted through CoPA's OFC cables where available and through BSNL Leased lines.

3. In the present proposal we intend to install additional 36 Nos. cameras at various locations of CoPA including CFS. Our existing CCTV surveillance is based on NVR. We propose to switch over from NVR to VMS which provides more control over the video data and allows for more efficient management of video surveillance networks. The VMS offered shall support upto 500 cameras with adequate capacity video

management server, camera recording server and hard disks for recording live videos upto 90 days. In the estimated rates, license for 100 cameras for 5 years is included. No failover for Servers considered but provision for providing failover is there in the Server. The Tenderer shall consider all the above and quote accordingly. The new VMS Software and Hardware is to be designed for 200 cameras with adequate capacity video management server, camera recording server / NVR for recording live videos up to 90 days. The video footages shall be flicker free, lag free, glitter free, quick capturing etc.

4. Back up should be in full resolution at 20 fps at minimum 3000 kbps available for 90 days at all locations, after installation of new CCTV cameras. The BoQ specifies 18 nos. of 18TB Hard disk. If the solution provided by the bidder does not satisfy the requirement, additional hardware and storage should be considered. The system should provide 99.99 % uptime and no data should be lost. Suitable provision for disaster recovery mechanism should be available.

5. Minimum specification of VMS is specified in the Bid Document. In case the quantity of hardware, server, storage etc. are not sufficient, the Bidder shall provide at his own cost, additional hardware, server, storage based on the VMS OEM requirement.

6. Presently, license for 100 cameras lifelong need be considered in the Bid. However the VMS chosen shall have the capability to support 500 cameras in future by increase of hardware, license, storage components etc.

7. No failover for VMS is envisaged but provision for providing failover must be there in the Server.

8. All Software Licenses should be for life time in the name of CHIEF MECHANICAL ENGINEER, COPA and during warranty period upgrade at free of cost as & when new versions are released.

9. The Tenderer shall provide VMS system and Server compatible to the new CCTV cameras that are proposed to be provided in this tender and the old existing CCTV cameras already available at CoPA premises. Existing cameras support H.264, Recording parameter of existing cameras is annexed.

10. It is the Contractor's responsibility to maintain the new and old CCTV surveillance systems. Warranty for existing cameras is not envisaged in this bid. But the successful bidder shall maintain the existing cameras also and ensure the availability of footages in the control room. Necessary Spares for the old CCTV surveillance systems shall be provided by the Contractor on payable basis.

11. The tenderer may visit the location and assess the present network & cameras and new requirements before submission of the offer for total CCTV solutions. The 4 Nos. Bullet cameras intended to be provided at the ENTRY/EXIT of the 2 toll gates (IG Road Toll Gate and Bristow Road Toll Gate) should have the facility to activate ANPR analytics through VMS. The CCTV visuals and number plates of vehicles are to be captured in the entire 24 hours. Functionally the VMS has to provide the list and type of the Vehicle with License plate details along with the time and date. The CCTV visuals and number plates of vehicles are to be captured in the entire 24 hours. The Bid specification is minimum. If additional software or hardware is required to activate ANPR analytics, the same shall be provided by the Bidder at his own cost as per VMS OEM requirement. The CCTV footages shall be viewable in the CISF control room on the 7th floor of the New Administrative Building of CoPA. The Bidder shall ensure that the capacity of the cameras, poles etc. shall be designed accordingly. The Cameras with ANPR facilities will be accepted only after all images are seen to the satisfaction of the Engineer-in-charge. Presently we have installed ordinary IP cameras and remote surveillance is being done with BSNL LL facility.

12. We intend to lay OFC cable from the OFC point near Mattancherry Wharf to IG Road Toll Gate and Bristow Road Toll Gate and surrender the existing P2P connection availed from BSNL. Also OFC is proposed to be laid from IG Road Toll Gate to existing CCTV cameras in A2-A3 area near Avenue walk way. (Civil works and laying of cable are included in the Bidders scope). Wireless communication is also intended from the cameras at two locations, viz. Cochin Oil Terminal and North Tanker Berth to CISF control room on the 7th floor of New Administrative Building.

In the Container Freight station (CFS), we propose to install 7 Nos. new bullet type IP Box cameras. Presently there are 10 Nos. (Infinova make) box type cameras, 8 Nos. Zoom type box camera (Hanwha make) and 2 Nos. Fish Eye Cameras (Hanwha make) inside CFS. The existing Hanwha/ Infinova cameras are to be re- positioned and fixed along with the new cameras inside CFS for effective surveillance of CFS. The successful bidder has to do the site study and submit the detailed layout positioning cameras and its accessories in any latest format. All cameras should be integrated in the as built layouts and the same should be configured to display for easy location identification. All cameras should be positioned according to the Cochin Port requirement and the vendor should ensure the coverage and quality footages of each area as a part of commissioning. The new cameras, VMS etc. shall be compatible with the existing systems and images shall be viewable locally at the ATM's room inside CFS and at the 7th floor of the New Administrative Building.

Our existing CCTV surveillance system is based on NVR and all the existing CCTV cameras except that at Container Freight Station(CFS) are now viewed in the CISF control room in the 7th floor of the New Ad. Bldg and the connected HDD's for 90 days storage are placed in the CISF control room. Presently, for the existing cameras in CFS, one NVR is kept in CFS itself and connected HDD's are for 30 days storage only. In the proposed system, VMS is envisaged. So the entire storage HDD's shall be kept in the CISF control room on the 7th floor of the New Ad. Bldg. and the same shall have capacity for 90 days storage of video footages. Recording will be done at a single location.

13. The specification of workstations/servers provided in the document is minimum. The bidder can consider higher specification for the smooth functioning of the system, if required.

14. The VMS shall be able to support all types of IP cameras. The proposed solution should be able to generate various standard/ customized reports for event analysis / reporting purposes.

15. The proposed system should have high level of network security. Hacking of the video footages through VMS should not happen at any cost. Suitable antivirus – Server Client Architecture for servers, storage, workstations etc. needs to be installed with end point protection. Periodic security audit of the video management system to protect the system against hacking and all possible best practices must be adopted.

16. The proposed antivirus software should be compatible with the VMS system offered. The antivirus system should be installed on the server. Validity of the Server antivirus (original) should be licensed with free updation during the warranty period.

17. The work shall be arranged in the order of preference as directed by the Engineer-in-Charge of work. In addition to above, contractor shall submit a Quality Assurance Plan (QAP) for the work and it shall be approved by the Engineer-in-Charge before commencing the work and shall be ensured strict compliance of the same. The QAP shall contain the details of tests to be conducted for each material to be used in the work.

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 studies 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 RFP & its corrigendum (if any) as mentioned below:

Tender Ref. No	No.F1/T-3/CCTV-36-W.ISLAND/2025/M
Date of floating	17.11.2025
Floated on portal	www.tenderwizard.com/COPT

Anything not mentioned in the EOI, Customer RFP and its corrigendum (if any) and addendum (if any) may be referred & considered.

3.1.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 180 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)

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.
2. Offers not accompanied with valid EOI Earnest Money Deposit shall be summarily rejected.
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 against EMD in proportion

to the quoted value/scope of work to RailTel before submission of bid to end customer as and if applicable.

4. Return of EMD for unsuccessful Partners: EoI EMD of the unsuccessful Partner shall be returned without interest after completion of EoI process. 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 after the receipt of RailTel's EMD/BG from the Customer and or on receipt of Security Deposit Performance Bank Guarantee as applicable (clause no. 6.2) from Partner whichever is later.

5. Forfeiture of EoI EMD or EoI EMD & EMD (balance proportionate EMD) and or Penal action as per EMD Declaration:
    i. 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.
    ii. 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.

3.1.7   Security Deposit

Security Deposit (SD) shall be at 10% of the contract value or value of the work done whichever is higher and it shall consist of two parts:

Performance Security to be submitted at award of the work
Retention Money to be recovered from Running Bills as detailed in Clause 48 as per RFP.

The total amount thus deposited towards SD will be retained as security for the due and proper fulfillment of the contract and will not carry any interest. Such deposit shall be forfeited on failure to perform or non-fulfillment by the Contractor of the terms and conditions of the contract.

3.1.8   Performance Bank Guarantee (PBG)

Performance Security shall be as below:
a) For civil works : 5% of the Contract value
b) For all Electrical and Mechanical works : 10% of the Contract value
52.3 The Performance Security shall be provided by the Contractor to the Employer not later than 21 days for domestic bids and 28 days for international bids from the date of letter of acceptance

The BG furnished towards the Performance Security shall be valid for a period until a date 30days from the day of expiry of the defect liability period stipulated as per the terms of the contract.

Unless performance Security is furnished within the period as specified in clause 52.3 as per RFP above or such extension of that period as may be permitted by the Engineer in writing, the Earnest Money will be liable to forfeiture and the contract to cancellation.

Performance Security will be released / refunded to the Contractor not later than 30 days from the date of completion of Defect Liability / warranty period of the work

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. Within 14 (fourteen) days after the receipt of notification of award of the Contract from RAILTEL shall be in the form of a Bank Guarantee Bond from a Nationalized/Scheduled Bank. The Bank guarantee shall be renewed on annual basis till 30 days beyond the expiry of all the warranty obligations.

3.1.9   Last date & time for Submission of EoI response

EoI response must be submitted to RailTel at https://railtel.enivida.com specified in the preamble not later than the specified date and time mentioned in the preamble.

3.1.10 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.

3.1.11 Details of Financial bid for the above referred tender

Sole partner with lowest (L1) offer will be selected for exclusive pre-bid arrangement 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.

3.1.12 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.

3.1.13 Period of Association/Validity of Agreement

RailTel will enter into a pre-bid agreement with selected partner with detailed Terms and conditions.

4 Eligibility Criteria

4.1 Partner's Profile

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

S N	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

S.N	Description	Document Required
A) General Eligibility		
1	Bidder must be empanelled/in process of empanelment RailTel as Business associate.	i) Copy of Empanelment letter or application details for BA with RCIL OR ii) If the Bidder is not empanelled with RailTel and has applied for empanelment and issue of letter of empanelment is pending, then Bidder has to submit proof of payment of empanelment fee/EMD or acknowledgement letter of submission of empanelment documents.
2	The company must be registered in India.	Incorporation/registration Certificate along with Memorandum & Articles of Association
3	The company must have: I. Valid PAN card. II. Been registered with GST.	I. Copy of PAN Card. II. Copy of GS
4	The Bidder must not be under any form of blacklisting or debarment by any Central or State Government agency in India as on the bid submission date.	Self-declaration, in case this is discovered to be otherwise, the bidder will be declared ineligible at any stage of the tender.
5	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 NonJudicial stamp paper of Min Value of Rs. 100/- along with Board Resolution.
6	Notarized Affidavit	Notarized Affidavit
B) Financial Eligibility		

7	Average Annual Financial Turnover of the tenderer during the last three financial years, ending **31/03/2025** (viz. 2022-23, 2023-24 and 2024-25) shall not be less than **Rs.45,05,653/-** Bidder should have positive Net Worth for each of the last three (3) i.e., (FY 22-23, FY 23- 24 and FY 24-25)	Chartered Accountant (CA) certified turnover statement / Audited balance sheets for the financial years 2022-2023, 2023-2024 and 2024-25.
C) Technical Eligibility		
8	The Bidder should be either an Original Equipment Manufacturer (OEM) or an Authorized Dealer/ System Integrator of IP CCTV Security cameras. The Authorised Dealer/System integrator should meet MQC. In the case of Authorized Dealer, valid dealership certificate shall be furnished along with the Technical Bid.	Letter of confirmation from the OEM from the authorized signatory.
9	The Bidder should have the experience of successfully carried out **similar works of value as mentioned below, excluding GST**, during the last 7 years as on **31/10/2025 to** Government Departments/ Reputed Private organizations. (i) Three similar completed works each costing not less than **Rs.60,07,537/-** (OR) (ii) Two similar completed works each costing not less than **Rs.75,09,421/-** (OR) (iii) One similar completed work costing not less than **Rs.1,20,15,073/-.** "Similar work(s)" means "Supply, installation, testing and commissioning of IP based CCTV surveillance systems".	1. Copy of the Work Order or Contract agreement 2. Completion certificate / Letter/Supporting Documents from the customer mentioning the period of Operation
10	Either the Bidder or OEM shall have own/authorized service centre in South India. The address of the Authorized service centre shall be furnished in the Bid.	Copy of the certificates.
11	The CCTV cameras offered shall be STQC-ER compliant as per Meity Guidelines and copy of the STQC approval certificate shall be furnished along with the Bid.	Copy of the certificates.
12	The OEM of the offered VMS should have full membership of ONVIF and this information should be available in the ONVIF website for verification.	Letter of confirmation from the OEM from the authorized signatory.
13	The Bidder shall submit valid authorized MAF certificate issued by the OEM in the attached format (Annexure-D) as per RFP, with Tender Reference Number, for the major items viz. CCTV cameras and VMS, along with Bid.	Letter of confirmation from the OEM from the authorized signatory, (Annexure-D) as per RFP, OEM MAF should be submitted
14	Satisfactory Clients'/Owners' Certificate or documentary proof shall be submitted in support of the Assignments/ Works performed and claimed by	Annexure-4(a)/4(b) as per RFP

	the Tenderer / Partners, in Annexure-4(a)/4(b) as per RFP to fulfill the Eligibility Criteria for Qualification..	
15	The experience certificate of Works executed in private sectors/organisations shall be considered for qualification, only on submission of TDS certificate along with Work Order and Completion Certificate.	Copy of the certificates.
16	A statement duly certified by the Chartered Accountant (Format as per Annexure 5 as per RFP) showing the Average Annual Financial Turnover during the last three financial years and Annual Accounts duly certified by a Chartered Accountant shall be submitted along with the tender. **Chartered Accountant is to provide their UDIN (Unique Document Identification Number) while certification with QR code if available.** (Format as per Annexure 5) showing the Average Annual Financial Turnover during the last three financial years and Annual Accounts duly certified by a Chartered Accountant shall be submitted along with the tender. **Chartered Accountant is to provide their UDIN (Unique Document Identification Number) while certification with QR code if available.**	A statement duly certified by the Chartered Accountant (Format as per Annexure 5 as per RFP) showing the Average Annual Financial Turnover during the last three financial years and Annual Accounts duly certified by a Chartered Accountant shall be submitted along with the tender. **Chartered Accountant is to provide their UDIN (Unique Document Identification Number) while certification with QR code if available.**
17	Enhancement factors as per table given below will be used for the costs of works executed for bringing the financial figures to a common base value in respect of the works completed in past years. 	Year before	Multiplying factor	 	One year [2024]	1.07	 	Two years [2023]	1.14	 	Three years[2022]	1.21	 	Four years [2021]	1.28	 	Five years [2020]	1.35	 	Six years [2019]	1.42		
18	The entire installation should be under guarantee for 2 years. All the CCTV cameras, VMS, Server, Racks, Network switches, POE switches, SFP switch, UPS, P2P link, HDD, High End work station, professional display & PTZ joy stick controller shall be covered under OEM warranty for 5 years. **The Bidder shall submit valid authorized MAF certificate issued by the OEM in the attached format (Annexure-D as per RFP), with Tender Reference Number, for the major items viz. CCTV cameras and VMS, along with Bid.**	**Annexure-D as per RFP**

All the attached Annexures and Forms in Chapter-7 are mandatory and should besubmitted along with EOI response.

5 EVALUATION AND PAYMENT TERMS

5.1   Evaluation Criteria

1. The Partners are first evaluated on the basis of the Eligibility Criteria as per chapter 4 above.
2. The Partner who fulfils the Eligibility criteria of Bidding sole partner/ consortium shall be further evaluated on the basis of Technical Evaluation and Financial evaluation.
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 is in compliance 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.
4. RailTel reserves the right to have negotiation with the PARTNER at any stage before issuing Work Order.
5. The Partner with lowest commercial (L1) offer will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.
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.
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

1. All payments will be made on a back-to-back basis on value basis.
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.
3. Invoices should be submitted to RailTel on RailTel's BTS portal https://bts.rcil.gov.in.
4. Documents list required at the time of payment/invoice submission by selected partner shall be:

   a) PO copy issued to selected vendor.

   b) Submission/Declaration of applicable BG amount against PO issued to selected partner/vendor.

   c) Signed Agreement Copy

   d) Original Invoice for the period claimed.

   e) Certified Proof of Completion of Work from RailTel's Representative/RailTel's End Customer.

   f) 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).

   g)   PAN,   GST   Registration   Certificates.

5. Payment will be on 'back-to-back' basis and as per the payment terms mentioned in the pertinent End Customer's RFP as follows:

6. Bills shall be prepared and submitted by the Contractor. Joint measurements shall be taken continuously and need not be connected with billing stage. System of 4 copies of measurements, one each for Contractor, Employer and Engineer or his nominee, and signed by both Contractor and Engineer or his nominee shall be followed.

7. Payment of Bills for civil works shall be regulated as detailed hereunder:
   - Interim Bills shall be paid within 21 days of date of submission of bills in full shape by the Contractor. 75% of the bill amount shall be paid within 7 days of submission of the bill, if on request by the Contractor. Balance amount of the verified bill shall be paid within 21 days of the submission of the bill.
   - Final Bill shall be paid within 3 months as detailed below on issue of Taking Over Certificate by the Engineer or his nominee. The Contractor shall submit final Bill within 30 days of issue of Taking Over Certificate. Engineer or his nominee shall check the bill within 30 days after its receipt and return the bill to Contractor for corrections, if any. The Contractor should re-submit the bill with corrections within 15 days of its return by the Engineer or his nominee. The re-submitted bill shall be checked and paid within 30 days of its receipt.

8. Payment for Electrical and Mechanical works shall be regulated as detailed below:

The Contractor shall be entitled upon certificates of the Engineer or his nominee to payments in accordance with the following provisions:

I) For supply portion :
  i) 75% of the value, as certified by the Engineer or his nominee, of the materials from time to time delivered on the site.

  ii) Balance 25% after completing the work in all respects, commissioning and handing over the installation to the Employer to the satisfaction of the Engineer and his nominee and his certification.

II) For erection portion :

  i) 85% of the value as certified by the Engineer or his nominee, of the installation portion on completion of the erection work under contract, for which payments are claimed.
  ii) Balance 15% along with other payments if any, after completing the work in all respects, commissioning and taking over the installation by the Employer to the satisfaction of the Engineer and his nominee and his certification.

##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　Submission of Bills
Invoices to be submitted along with necessary reports including SLA's details duly certified by designated official of Customer End and RailTel. Payment will be made based on the timelines and payment milestones of subject work.

5.4　Bill Passing Authority
RailTel's authorized representative as mentioned in Work Order/Agreement

5.5　Bill Paying Authority
RailTel's authorized representative as mentioned in Work Order/Agreement

5.6 Delivery Location

The delivery location will be informed to the selected bidder at a later phase.

5.7 Contract Period and Warranty

The total duration of the project is for a period of 90 days from the date of release of work order including final acceptance and testing (FAT), training and submission of documentation.

a. Warranty of all quoted items shall start from the date of commissioning.

b. The warranty period for IP CCTV surveillance systems at various locations of Cochin Port Authority including 2 years guarantee and 5 years comprehensive CAMC thereafter .

c. Post the completion of warranty period, the successful bidder should provide comprehensive AMC & ATS for proposed solution, including other software, associated modules, hardware and services required to meet the requirements in the RFP.

e. Bidder is required to produce OEM's confirmation in OEM's Letter head with serial numbers of goods / products supplied for back-to-back warranty all the equipment supplied through this RFP.

f. OEM support should be provided on 24*7

g. All ongoing software upgrades for all major and minor releases should be provided during the warranty period by the bidder.

i. RAILTEL at its sole discretion may place purchase order of any component of additional requirement during the contract period with the discovered price as per RFP. The rate contract will be valid for entire contract period.

5.8 Commencement Period

The selected bidder must commence the work from the date of receipt of the Work Order/LoA

5.9 Intended Completion Date

The Intended Completion Date: Within 90 days from the date of LoA, with the following milestones:

Physical works to be completed	Period from the date of Issue of LoA
SITC OF CCTV SURVEILLANCE SYSTEMS	90 DAYS

The activity wise schedule needs to be submitted by the Contractor within 7 days of receipt of LoA. This need to be strictly followed for the timely completion of the project

5.10 Contract Agreement

A contract agreement is to be executed on non-judicial stamped paper of Rs. 100. The Draft Agreement will be sent to the selected bidder

6 General Guidelines

6.1   Service Level Agreement (SLA)

The selected partner will be required to adhere to the SLA as given as per RFP 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.

Note: Any deduction/LD/Penalty levied by customer on RailTel will be deducted from Partner in percentage work   share   terms

6.2   Performance Bank Guarantee (PBG)

i.   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 up to ₹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.

ii.   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).

iii.   PBG should have validity of **5 years** . 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.

iv.   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.

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

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

vii.   In case the End Customer sought PBG of the contract in 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.

viii.   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.

ix.   If End Customer ask for submission for value more than 5%, same also needs to be submitted by the selected Partner /Consortium.

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

xi.   The successful bidder will have to pay additional security deposit of 5% of contract value within 2 weeks of the issuance of the LoA/WO. The validity of the Security deposit should be 12 months.

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)

If the subject work is not implemented within the stipulated timeline on the receipt of work order/LoA, then **0.5%** of the total work order/LoA for each week of delay will be deducted. The LD can be extended upto 10% of the total work order/LoA value. 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.

6.5   Termination:

In case Bidder/Selected Partner fails to execute the terms and conditions of the contract, RailTel will have the right to terminate the contract with 15 days' notice and carry out the work through another contractor. In such circumstances all the security/BG will be forfeited by RailTel.

6.6   Delivery and Inspection:

Delivery, Installation and Commissioning Period: As per RailTel's Project Delivery Schedule.

All the material should be made available for Inspection by RailTel nominated person/agency if required.

Partner will be custodian of all the material till installation and commissioning of system.

6.7   Provisional Acceptance Certificate (PAC)

Upon completion of the project, and prior to the commencement of Operations & Maintenance (O&M), subject to acceptance by RailTel's end customer and certification by RailTel's representative.

6.8   Final Acceptance Certificate (FAC)

6 months after completion of the entire project including O&M, subject to acceptance by RailTel's end customer and certification by RailTel's representative.

6.9   Pre – Contract Integrity Pact

This EoI is covered under Pre – Contract Integrity Pact Program of RailTel and partners are required to sign the Pre – Contract Integrity Pact and submit the same to RailTel along with the bids. EoI received without signed copy of the Pre – Contract Integrity Pact document may be liable to be REJECTED.

6.10 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 RFP as mentioned below:

Tender Ref. No	**No.F1/T-3/CCTV-36-W.ISLAND/2025/M**
Date of floating	**17.11.2025**
Floated on portal	**www.tenderwizard.com/COPT**

Anything not mentioned in the EOI, Customer RFP and its corrigenda (if any) and addenda (if any) may be referred & considered.

#Note: Depending on RailTel's business strategy RailTel may choose to work with Partner who is most likely to support in submitting a winning bid.

7 ANNEXURES AND FORMS

7.1 ANNEXURE 1 - FORMAT FOR PROJECT EXPERIENCE CITATIONS

Sl. No.	Item	Bidder's Response
1	Name of Bidder entity	
2	Assignment Name	
3	Name & Address of Client	
4	Approximate Value of the Contract (in INR Crores)	
5	Duration of Assignment (months)	
6	Start Date (month/year)	
7	Completion Date (month/year)	
8	Narrative description of the project	
9	Details of Work that defines the scope relevant to the	
10	Documentary Evidence attached	

Signature of Bidder ……………………….

Name: …………………………………

Designation ……………………………………

Place: …………………………………

Date: ………………………………..

Seal of BA Organization

7.2   ANNEXURE 2 - EOI COVER LETTER

(On Organization Letter Head)

EOI Ref No: Date:

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station

Ernakulam – 682016

Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M; latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**)

Dear Sir/ Madam

1. I, the undersigned, on behalf of M/s ...., having carefully examined the referred EOI offer to participate in the same, in full conformity with the said EOI and all the terms and conditions thereof, including corrigendum issued till last date of submission of EOI. It is also undertaken and submitted that we are in abidance of Clause 4 of EOI.

2. I agree to abide by this Proposal, consisting of this letter, our Pre-qualification, Technical and Commercial Proposals, for a period of 120 days from the date fixed for submission of Proposals as stipulated in the EOI and modifications resulting from contract negotiations, and it shall remain binding upon us and maybe accepted by you at any time before the expiration of that period.

3. I acknowledge that the Authority will be relying on the information provided in the Proposal and the documents accompanying the Proposal for selection of the Commercially Suitable Partner (CSP) for there for said Service, and we certify that all information provided therein is true and correct; nothing has been omitted which renders such information misleading; and all documents accompanying the Proposal are true copies of their respective originals.

4. I undertake, if our Bid is accepted, to commence our services as per scope of work as specified in the contract document.

5. Until a formal Purchase Order or Contract is prepared and executed, this Bid and   supplement / additional documents submitted (if any), together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

6. I hereby undertake and give unconditional acceptance for compliance of all terms & **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M;** latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**) against this EOI based customer's requirement.

7. I hereby undertake that there will be no deviation from the Terms and Conditions **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M;** latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**)

Signature of Bidder ……………………..

Name: …………………………………

Designation ….......................................   Seal of BA Organization

Place: …………………………

Date: …………………………..

7.3   ANNEXURE 3 - (Local Content Compliance)

EOI Ref. No: Date:

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station

Ernakulam – 682016

Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M; latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**)

Dear Sir / Madam

I, the undersigned, on behalf of M/s …………, hereby submits that our technical solution for the 'Scope of Work' mentioned under the EoI document is in compliance of local content requirement and makes us equivalent to 'Class-I local supplier' / 'Class-II local supplier' (mention whichever is applicable) for the EoI under reference, as defined under the order No. P-45021/2/2017-PP(BE-II) dt. 04-June-2020 issued by Ministry of Commerce and Industry, Govt. of India.

I hereby certify that M/s ……..fulfils all requirements in this regard and is eligible to be considered and for the submitted bid Local Content Percentage is   % (write in figures as well as in words).

I hereby acknowledge that in the event of acceptance of bid on above certificate and if the certificate is found to be false at any stage, the false certificate would be a ground for immediate termination of contract and further legal action in accordance with the Law, including but not limited to the encashment of Bank Guarantee related to Empanelment and Performance Bank Guarantee (PBG) and Security deposit (SD), as available with RailTel, related to this EoI. Signature of Authorized Signatory.

Signature of Bidder ……………………….
Name: ……………………………………
Designation …..   Seal of BA Organization
Place: …………………………………
Date: ………………………………….

7.4   ANNEXURE 4 - CHECKLIST OF DOCUMENTS FOR BID SUBMISSION

Cochin Port Authority Tender **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M;** latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**)

Sl. No.	Document
1	EOI Cover Letter (Annexure-02)
2	Technical compliance sheet
3	Price bid
4	Local Content Compliance & Percentage Amount (annexure-03)
5	**TECHNICAL BID COVER LETTER**
6	**COMMERCIAL BID COVER LETTER**
7	EMD as per EOI document
8	This EOI copy duly Signed and Stamped by the Authorized Signatory of Bidder
9	All Annexure/ Appendices/Formats/ Declarations as Cochin Port Authority Tender **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M**; addressing to RailTel.
10	Compliance of eligibility criteria related documents as per Clause 3
11	Any relevant document found suitable by bidder

Note:

1. The technical bid should have a 'Index' at the starting and all pages of bid should be serially numbered and should be traceable as per the 'Index'.

2. All the submitted documents should be duly stamped and signed by the Authorized Signatory at each page.

3. The above checklist is indicative only. RailTel may ask for additional documents from the bidders, as per the requirement

Signature of Bidder ……………………….
Name: …………………………………
Designation …......................................   Seal of BA Organization
Place: …………………………………
Date: ………………………………..

7.5   ANNEXURE 5 - FORMAT FOR TECHNICAL BID COVER LETTER

(On Company Letter Head)

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station

Ernakulam – 682016

  Sub: Submission of the response to the Tender No. <<tender id>>Request for Proposal for the **"**

 Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter". We, the undersigned, offer to provide services for "Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter" in response to the request for proposal dated <insert date> and tender reference no <> "Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter" by Cochin Port Authority. We are hereby submitting our proposal online, which includes the pre-qualification, technical bid, and commercial bid.

We hereby declare that all the information and statements made in this technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our proposal is accepted, to initiate the implementation services related to the assignment not later than the date indicated in this tender.

We agree to abide by all the terms and conditions of the RFP and related corrigendum(s)/ addendum(s). We would hold the terms of our bid valid for 120 days from the date of opening of the commercial bid as stipulated in the RFP. We hereby declare that as per RFP requirement, we have not been black listed/ debarred by any Central/ State Government and we are not the subject of legal proceedings for any of the foregoing.

We understand you are not bound to accept any proposal you receive.

Signature of Bidder ……………………….
Name: ……………………………………
Designation …..   Seal of BA Organization
Place: …………………………………
Date: ……………………………..

7.6   ANNEXURE 6 - FORMAT FOR COMMERCIAL BID COVER LETTER

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station

Ernakulam – 682016

  Dear Sir,

We, the undersigned Bidder, having read and examined in detail all the tender documents with respect to "**Supply, installation, testing and commissioning of 36 nos. of IP CCTV security cameras at various locations of Cochin Port Authority, including 2 years' guarantee and 5 years comprehensive CAMC thereafter**", do hereby propose to provide services as specified in the tender **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M dated 17.11.2025** Price and Validity

a) All the prices mentioned in our bid are in accordance with the terms & conditions as specified in the RFP. The validity of bid is 8 months from the date of opening of the commercial bid.
b) We are an Indian firm and do hereby confirm that our prices are inclusive of all duties, levies etc., excluding GST.
c) We have studied the clause relating to Indian Income Tax and hereby declare that if any income tax, surcharge on income tax, professional and any other corporate tax is altercated under the law, we shall pay the same.

Unit rates: We have indicated in the relevant schedules enclosed, the unit monthly rates for the purpose of accounting of payments as well as for price adjustment in case of any increase / decrease from the scope of work under the contract.

Deviations:

We declare that all the services shall be performed strictly in accordance with the RFP irrespective of whatever has been stated to the contrary anywhere else in our bid. Further, we agree that additional conditions, if any, found in our bid documents, shall not be given effect to. We had remitted an EMD as specified in the tender document terms.

Tender pricing: we further confirm that the prices stated in our bid are in accordance with your instruction to bidders included in tender documents.

Qualifying data: we confirm having submitted the information as required by you in your instruction to bidders. In case you require any other further information/ documentary proof in this regard before evaluation of our tender, we agree to furnish the same in time to your satisfaction.

Bid price: we declare that our bid price is for the entire scope of the work as specified in the RFP. These prices are indicated in annexure-commercial bid format attached with our tender as part of the tender.

Performance bank guarantee and Security Deposit: we hereby declare that in case the contract is awarded to us, we shall submit the performance bank guarantee. We hereby declare that our tender is made in good faith, without

collusion or fraud and the information contained in the tender is true and correct to the best of our knowledge and belief. We understand that our tender is binding on us and that you are not bound to accept a tender you receive.

Signature of Bidder ……………………….
Name: …………………………………
Designation …..…………………………............   Seal of BA Organization
Place: …………………………………
Date: ……………………………….

7.7 ANNEXURE 7 - TECHNICAL COMPLIANCE SHEET

TECHNICAL SPECIFICATION

The Service/OEM/MAKE specified are based on the existing network requirement for the present scope of work. This shall be followed as per the special condition of contract as per the relevant conditions of special conditions of contract as appended as per RFP back to basis.

I.   PROPOSED LOCATIONS & TYPE OF NEW CCTV CAMERAS

No.	Location	Type of Camera	Qty. of camera	
1	Ekm. Wharf Q 5 shed south end - For surveillance of wharf area of Q5	O/D box motorised VF IR bullet camera	3	Nos.
2	Ekm. Wharf Q 6 shed MIDDLE - For surveillance of wharf area of Q6	O/D box motorised VF IR bullet camera	2	Nos.
3	Ekm. Wharf Q 8 MIDDLE- For surveillance of wharf area of Q8	O/D box motorised VF IR bullet camera	2	Nos.
4	Ekm. Wharf Q 9 - MIDDLE - For surveillance of wharf area of Q9	O/D box motorised VF IR bullet camera	2	Nos.
5	Ekm. Wharf Kiosk area of Sagarika Cruise Terminal- For surveillance of cruise passenger movements	O/D box motorised VF IR bullet camera	1	No.
6	Ekm. Wharf Parking area of Sagarika Cruise Terminal- For surveillance of cruise passenger movements	O/D box motorised VF IR bullet camera	1	No.
7	MATT. CHANNEL - BTP Berth (Near NCB) - For surveillance of BTP wharf area & also NCB area/Marine Jetty area	O/D box motorised VF IR bullet camera	5	Nos.
8	MAT. WHARF - RO RO JETTY & Q1 berth- For surveillance of wharf area of RO-RO & Q1 perimeter boundary	O/D box motorised VF IR bullet camera	2	Nos.
9	MAT. WHARF South Gate - For surveillance of unmanned isolated gate & perimeter boundary	O/D box motorised VF IR bullet camera	2	Nos.
10	MAT.WHARF Q4 berth- For surveillance of wharf area & Q4 perimeter boundary	O/D box motorised VF IR bullet camera	2	Nos.
11	Bristow Road Toll Gate	O/D box motorised VF IR bullet camera	2	Nos.
12	Indira Gandhi Road Toll Gate	O/D box motorised VF IR bullet camera	2	Nos.
13	NTB & STB near main gate area- For surveillance of sensitive area due to public movements near gate.	O/D box motorised VF IR bullet camera	2	Nos.
14	COT - For watching movements around COT	PTZ Camera	1	No.
15	CFS inside - For surveillance of Cargo movement	O/D box motorised VF IR bullet camera	7	Nos.
	TOTAL NO. OF CAMERAS		**36**	**Nos.**
	Back up proposed after installation of new cameras - 90 days at all locations including CFS			

DOCUMENTATION:

I.   **Documents to be provided after award of PO, before supply of CCTV system**

    a.   Technical catalogues /Datasheets of components to be supplied.

    b.   Factory test reports with serial No.

    c.   Execution Schedule

    d.   BOM

    e.   Installation layout of CCTV cameras, poles, racks etc.

II.   **Documents to be provided after commissioning of CCTV System.**

    a.   O&M manual – 3 sets

    b.   Final BOM with make and details of each components – 3 sets

    c.   Complete project deployment & Handholding Document – 3 sets

        III.   TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS FOR CCTV CAMERAS

No.	Features	Minimum Specifications	Compliance Y/N
1	LOCATION	HIGHLY CORROSIVE MARINE ATMOSPHERE	
2	Enclosure	IP66/67, NEMA 4X and IK10 rated casing	
3	Certifications	CE , FCC, BIS	
4	Compliance	BIS, STQC compliant.	
5	Application Programming Interface	ONVIF Profile S,G,T API support required for integration with third party software	
6	Power Supply	HPoE:IEEE802.3bt, Class6, Type3 or AC power adaptor)	
7	Operating Frequency	50 Hz	
8	Operating Conditions	Temp: upto 55°C , Humidity 10–100% RH or better	
9	Wide Dynamic Range	True 120dB or better	
10	Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE	
11	Day & Night Operation	Automatically removable infrared-cut filter	
12	Backlight compensation	Adjustable	
13	Video Compression	H.265/H.264: Main/Baseline/High, MJPEG or better	
14	Video streams	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG (Minimum)	
15	Audio Streaming	Input and Output (Two way)	
16	Supported protocol	IPv4, IPv6 , HTTP, HTTPS,SSL/TLS, FTP, SMTP, Bonjour, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS/DDNS, RTSP, RTP, SRTP, TCP, UDP, IGMP, ICMP, RTCP, DHCP, ARP, LLDP, UPnP, NTP, SSH, QoS etc.	
17	Edge Storage	Support for Micro SD/SDHC/SDXC 512 GB or better (Minimum)	
18	Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP) Device Certificate Secure by default certificate cryptographic hardware: Secure OS/ Boot/Storage Verify firmware forgery (Minimum)	
19	Essential features	Motion Detection, Loitering, Tampering, Electronic Image Stabilization, Built In Heater, FAN & Temperature Control, Defog, Auto tracking.	
20	Alarm Events	File Upload via FTP and E-mail, Notification via E-mail, SD/SDHC/SDXC or NAS recording at event triggers, Alarm output PTZ Preset	
21	Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Removal/Added object, Enter/Exit, Loitering, Tampering, Line crossing. (Defocus detection not required for Fish Eye Camera)	
22	Firmware Upgrade	The firmware upgrade shall be done though web interface. The firmware shall be available free of cost and shall provide long term support track for cyber security updates	
23	Standard	Any component/hardware/parts/assembly/ firmware used in offered solution must not comply to protocols like GB 28181,GB/T-28181- 2011,GBT-28181/2011 standards	
24	System own Chip for cameras	Chipset/Processor from same OEM is required	
25	MAC address	Equipment should provide MAC ids of the quoted products; the MAC address of the proposed equipment must be registered in the name of the OEM only. The Intellectual Property Rights (IPR)	

		of equipment (CCTV camera) Must Not Reside in any Land and Border Country	

1. 5 MP OUTDOOR BOX TYPE MOTORISED VF BULLET IR CAMERA OR BETTER

MAKE AND CATALOGUE NO. OF CCTV CAMERA OFFERED : ………………..

No.	Features	Minimum Specifications	Compliance Y/N
1	Image sensor	1/ 2.8" progressive scan CMOS or better	
2	Lens	2.8 mm- 9 mm or better Motorized Varifocal Lens.	
3	Resolution	5 MP or better	
4	IR illumination	40 Metres or better	
5	Digital Zoom	16x or better	
6	Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, motion-adaptive exposure, defogging, barrel distortion correction, compression, orientation: auto, 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, polygon privacy masks Scene profiles: forensic	

2. 2 MP 32X OUTDOOR TYPE PTZ CAMERA OR BETTER

MAKE AND CATALOGUE NO. OF CCTV CAMERA OFFERED : ………………..

No.	Features	Technical Specification	Compliance Y/N
1	Image Sensor	1 /2.8 inch progressive scan CMOS or better	
2	Lens	4.5 - 136 mm or better Motorized varifocal lens	
3	Pan/Tilt/Zoom	Pan: 360° endless, Tilt: -90° to +90°, Optical Zoom: 32x or better	
4	Resolution	2 MP or better	
5	IR illumination	250 metres or better	
6	Image settings	Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, image freeze on PTZ, scene profiles, rotation, electronic image stabilization (EIS)a, defogging, contrast, local contrast, autofocus, Forensic WDR: Up to 120 dB depending on scene, 32 individual polygon privacy masks including mosaic and chameleon privacy masks	

3. VIDEO MANAGEMENT SOFTWARE

MAKE OF VMS OFFERED : ………………..

No	Feature Description	Compliance (Yes/No)
1	The Video Management System (VMS) software shall be used to view live and recorded video from encoder and IP devices connected to local and wide area networks. The VMS software shall have a client/server-based architecture that can be configured as a standalone VMS system with the client software running on the server hardware and/or the client running on any network- connected TCP/IP workstation. Multiple client workstations shall be capable of simultaneously viewing live and/or recorded video from one or more servers. Multiple servers shall also be able to simultaneously provide live and/or recorded video to one or more workstations.	
2	The VMS shall be supplied with minimum 25 nos. of thick clients and 10 mobile clients	
3	The Video Management System (VMS) shall be a software package for comprehensive management of live and recorded video, and associated audio and data.	
4	**General Functionality – The VMS shall possess the following general characteristics**	
4.1	The VMS shall provide effective monitoring of video from IP cameras and encoding devices, two-way audio and data in real time over local and wide area networks	

4.2	The VMS supports interactive and multi-level mapping	
4.3	The single-screen administration across multiple servers and systems, including:	
4.3.1	It shall support global configuration and monitoring of camera, encoder, and storage settings across the enterprise	
4.3.2	It supports simultaneous administration of all users on multiple servers	
4.3.3	It supports configuration of user authentication using LDAP/Active Directory features of the network	
4.3.4	It supports e-mail / SMS notifications	
4.4	The VMS should support at least 500 Cameras or Encoders from different Manufacturers	
4.5	The client software allow remote access to live and recorded video, including access from mobile devices and support simultaneous access to video from multiple servers	
4.6	The VMS should support 2-way audio communication between server, client, and camera	
4.7	Suspect Tracking : The VMS should provide forensic search operation based on the powerful attribute search feature. The operator can select any person in the camera field of view and search for the appearance of the selected person based on the attire attributes in the selected cameras for the selected duration. The attribute search should show persons with matching attributes in a grid. It should be possible to click on any match to view the playback video of that instant.	
5	Architecture	
5.1	The VMS shall have a client/server-based architecture that can be configured as a standalone VMS with the client software running with equal functionality on the server hardware and/or the client running on any network-connected TCP/IP workstation.	
5.2	The VMS shall record and retrieve video, audio and alarm data and provide it to the VMS clients upon request.	
5.3	The Client Characteristics shall be as per following:	
5.3.1	The Client Software View live video and audio, recorded video and audio and be able to configure the complete system all from a single application.	
5.3.2	The Client Software will have full compatibility with all available features of the VMS server software	
5.3.4	The Client Software shall have Add and Remove features based on the permissions of the user and the licensed functionality	
5.4	The Web Client shall have following features:	
5.4.1	The Web Client can view Live and Recorded Video	
5.4.2	The Web Client can control Pan-Tilt-Zoom movement for PTZ Cameras	
5.4.3	It can activate triggers	
5.4.4	It can get connected with multiple VMS Servers simultaneously	
5.5	The Mobile Client shall have following characteristics:	
5.5.1	The mobile application shall support Apple IOS/ Google Android/ Microsoft Windows Mobile operating systems	
5.5.2	It can remotely view Live and Recorded Video from any Video Server	
5.5.3	The web application should support H.265, H.264, HLS and MJPEG streaming.	
5.5.4	It can monitor events configured by the Client	
5.5.5	The web service supporting the mobile application shall size the video stream to accommodate both low bandwidth and high bandwidth networks.	
5.6	The VMS software shall allow the user to have any combination of VMS client applications running on any of the supported operating systems and be able to connect to any of the VMS servers running on any of the supported operating systems. Hence, Multiple client workstations shall be capable of simultaneously viewing live and/or recorded video from one or more servers.	
5.7	The VMS software shall have the capability to run multiple client applications simultaneously on one workstation with multiple monitors and at least 12 monitors shall be configurable on a single workstation with one (1) client application running on each monitor.	
5.8	VMS Server software shall support for edge-based analytics. The VMS must be chosen to get the required analytics, ANPR functionalities and if required additional hardware/servers/storage should be provided by the Bidder at his own cost. VMS Software should control edge device/IP camera settings and support a server-client architecture	
6	Video Streaming	

6.1	Video formats supported: MJPEG, MPEG-4, H.264, H.265	
6.2	Each video stream shall have the ability to be recorded, viewed live, saved to views, exported and available in search and playback.	
6.3	Streams shall be individually configurable for recording schedules and storage rules	
6.4	Multi-streaming – The VMS shall allow the setting of multiple, independent video streams from the IP camera, each configurable for frame rate, resolution and quality level.	
7	Recording	
7.1	The Recording should be continuous, uninterrupted and unattended recording of all video and audio transmitted to the VMS, including during times of administration and configuration of any feature	
7.2	The VMS should enhance the videos received from the cameras by adjusting hue, saturation, contrast, brightness, sharpness, IRIS parameters with automatic or manual focus adjustment.	
7.3	The system shall allow to configure each video input's recording time on an hourly basis, to further allow the user to schedule when to record on motion, when to record on event and when to not record	
7.4	The video file shall contain the data of the video, audio, and associated metadata.	
7.5	The index file shall contain the index of the metadata from the network device. When the VMS searches for video, it shall retrieve and display the information in the index files.	
7.6	A bookmarking feature shall allow the tagging, naming, and retention of video clips. The VMS shall bookmark the display layout with selected distribution of cameras across the panel with a mix of live and archived video.	
7.7	The events dashboard should be available with multiple filter parameters such as - by camera, by use case, by camera groups, and the easily selectable duration such as today, last 7 days, last 30 days, and calendar widget, etc.. Reports should be exported in formats such as excel and CSV. The dashboard should also have the graphical representation of the reports in terms of the bar charts and pie charts.	
7.8	The VMS shall support a mix of multiple storage technologies such as local storage/ DAS/ SAN/ NAS or hybrid	
7.9	The VMS shall support configurable "at most" rules that will automatically delete video for a camera after a specified amount of time. The VMS also shall support configurable "at least" rules that will delete newer video on other cameras to preserve older video from cameras with an "at least" rule specified.	
8	Video Archiving	
8.1	The VMS shall provide for the archival of video, audio, and data files, as determined by rules, events, or manual selection. Each archive target has its own set of rules for what cameras and video are archived and when.	
8.2	The VMS shall support CIFS and NFS network shares for archive target locations. It shall be able to archive video to one location and base the archive on camera, event type or an archive schedule.	
8.3	VMS shall be able to archive continuously or on a scheduled basis like weekly schedule and multiple schedules may be combined to derive specific schedule.	
9	Events	
9.1	The VMS should support following Events	
9.1.1	Video motion, critical video data and Incident Video data.	
9.1.2	Video loss of analog video signals	
9.1.3	Device, Server and System Health	
9.1.4	IP camera connection	
9.1.5	Analytics Rule	
9.2	The VMS should support actions on events like Record Video, Output Trigger, Send an E-mail supporting SSL and TLS protocols for encrypted communications. And support AES128 encryption for the communication.	

9.3	The VMS shall call a PTZ Camera Preset as action on events	
9.4	The VMS client shall be configurable to automatically switch views on any event within the event monitoring function.	
10	Search and Playback	
10.1	The VMS can search and play back recorded video, audio and events from VMS servers	
10.2	The VMS shall search and play back video from multiple cameras simultaneously in a synchronized multi-camera layout along with search recorded video based on time, date, video source and image region, with results displayed as both a clickable timeline	
10.3	The VMS shall perform a visual thumbnail search, selecting one image per camera per set time period and can play video from selected image along with zoom in to a time range around selected image	
10.4	The Archived video shall be seamlessly searched during any video search, eliminating the need for a user to separately search the archive location.	
11	Video Information Display	
11.1	The VMS shall have a live display mode, wherein a user shall be able to view live video, live audio and alarm information.	
11.2	The VMS client must feature adaptive bit rate adjustment to conserve bandwidth, displaying cameras in full resolution when viewed individually and switching to lower resolution when in matrix view.	
11.3	The VMS shall allow viewing of cameras in logical groups and preset views.	
11.4	The VMS shall be able to automatically cycle through two or more saved views to create a video tour, with a configurable dwell time for each view.	
11.5	The VMS shall support the use of a panoramic lens on an analog or IP camera. The VMS client shall de-warp the image on both live and recorded video.	
11.6	The VMS shall allow the customization of the user interface to display software (soft) triggers and initiate actions.	
11.7	The VMS shall provide the ability to instantly push selected cameras, layouts, tours, groups or entire views to another client monitor, such as a public view monitor or a video wall.	
11.8	The VMS shall support overlay controls which appear when hovering over a camera in live view :	
	Appearance: text color, font, style, location, camera name, camera no.	
	Control Types: audio inputs and outputs, digital zoom	
11.9	The VMS shall be able to display the following additional system information:	
	a) users currently logged in to the system	
	b) system log containing a detailed history of system processes	
11.10	The VMS shall support display of notifications to the user for common setup tasks that should be performed, including:	
	a) Configuring motion on all cameras	
	b) Changing the default password	
	c) Configuring email notifications	
	d) Configuring of multi-streaming	
	e) Time delta between server and camera(Minimum spec is mentioned in TD. Higher or more accurate versions meeting CoPA requirement is acceptable)	
12	PAN, TILT & ZOOM	
12.1	The VMS shall allow control of PTZ cameras to authorized users and be used to maneuver and zoom a PTZ camera at adjustable speed.	
12.2	The VMS shall allow following methods of controlling a PTZ camera to be available:	
12.2.1	PTZ graphics control windows	
12.2.2	live graphic overlay PTZ control icons	
12.2.3	keyboard control (up, down, left, right arrows; page up, page down for zoom)	
12.2.4	PTZ presets	
12.2.5	Digital PTZ	
12.2.6	USB joystick	
13	Mapping	
13.1	The VMS shall have a map capability, accessible to users with the appropriate permission levels.	
13.2	The map displayed video sources and their status, alarm status, multi-layer, hierarchical maps including static and GIS.	

13.3	The VMS shall support embedded maps/ GIS maps/ online maps	
13.4	The VMS should show event notification from the cameras on the map itself. The operator should be able to click on the event notification of a particular camera on the map and the VMS should open the event window on the operator screen.	
14	Export	
14.1	The VMS should allow export of a single video clip or multiple clips with selected duration to a cart. For downloading a single clip, it should have encryption option for the exported clip and should ask to select the export format such as AVI/ MJPEG/ MP4 / AVF format	
14.2	Export file formats supported: .avi and mp4	
14.3	The VMS standalone player shall be able to authenticate that the video has not been tampered with using a AES256 bit encryption	
15	Administration & Configuration	
15.1	The VMS system can authenticate the User's Permission by Active Directory or LDAP	
15.2	The VMS system can allow for a user's permissions to be configured across multiple servers from a single screen	
15.3	The VMS system shall record an audit trail of when users log in that shows what changes they have made, what video they have viewed and what they have exported	
15.4	The VMS software shall provide a configuration option to require 2 users enter unique passwords to authorize tasks involving the viewing of video.	
16	Reporting	
16.1	The VMS provides color coded status of servers, cameras, and unacknowledged events in the following categories in list or chart format:	
16.1.2	Critical as 1) server or camera device not detected and 2) event occurring and unacknowledged	
16.1.3	Warning as 1) Health warning on server (such as temperature, storage alarm, archive alarm, CPU fan),	
	2) Server license subscription expiring soon, 3) Event unacknowledged but open, 4) Event unacknowledged but closed	
16.1.4	Normal as 1) Server or camera connected and operating and 2) Event acknowledged and closed	
16.1.5	The VMS shall allows creation of Reports to a. view and manage a list of unacknowledged events, b. view a list of open events and c. search for specific events based on various criteria	
16.1.6	The VMS should periodically check the gaps in live recording of the cameras and should check with the on-board storage of the camera. In case of a gap, the VMS should synchronize the video recording on the on-board storage with the VMS storage. Such synchronized storage should be displayed with different color for quick attention of the operator.	
16.1.7	VMS shall support Edge based /server Based/ third party server based analytics	
16.1.8	VMS shall generate the events& alarm wrt to the camera edge based analytics like Perimeter, intrusion, line crossing etc which are available in camera edge.	
17	Failover - (shall support for future requirement)	
17.1	The VMS system should have N:1/N:0/N:N failover/redundancy mechanism architecture	
17.2	The VMS shall support automatic failover/redundancy for recording	
17.3	The VMS shall support manual failover/redundancy for maintenance purpose	
18	This shall allow operations managers and system integrator to build customized video surveillance networks that meet their exact requirements. Software suite shall be a scalable and flexible video management system that could be easily managed and monitored. Scalable system shall permit retrieval of live or recorded video anywhere, anytime on a variety of clients via a web browser interface.	
19	The VMS shall be enabled for integration with any external Video Analytics Systems.	
20	The VMS shall be capable of being deployed in a virtualized environment without loss of any functionality.	
21	All CCTV camera video signal inputs to the system shall be provided to command control Center, and the transmission medium used shall best suit the relative camera deployments and access to the CCTV Network.	
22	Minimum specification of VMS and cameras are mentioned in Bid Document. You can offer higher specification VMS and cameras	

23		The VMS should be ONVIF compliant with support for profiles S, G, T and M to ensure interoperability with any camera brand. Proposed software OEM should have full membership of ONVIF. The information should be available on the ONVIF website for verification.	
24		The VMS OEM should have at least the following certificates: ISO 9001, 27001, ISO 27017, ISO14001 and CMM I Level 3.	

(Rates may be taken for VMS Soft ware support for 7 years only, but support shall be extended if required by CoPA)

4. Recording Server Specification

No.	Description	Specification	Compliance/ Deviation
1	Type	Support min128 Channel Rack-mountable NVR or Recording Server (See item 3 above)	
2	Storage Capacity	Should have Minimum 20 Hard Disk Slots. Supports upto 340TB including RAID5 and 6. with each 18TB per SATA Min 256GB SSD for OS & recording application software	
3	RAID Level	RAID 5/6 (Mega RAID SAS 9351-8i or better)	
4	Network Connections	Dual Gigabit Ethernet (RJ-45 port) – 10/100/1000 Mbps.	
5	Operating System	Linux/Windows	
6	Processor	Intel Xeon processor or better with min 8 core, min 3.4Ghz, up to 4.8GHz at turbo & 16MB cache.	
7	Memory	32GB DDR3 or better	
8	Video Compression	H.264, H.265,MJPEG	
9	Recording Support	Support the simultaneous recording of min 128 IP cameras at 1080p resolution at 15 fps	
10	Synchronous Playback	Minimum 16 Channel	
11	Recording Resolution	4K, 5MP, 1080P, 720P, D1	
12	Network Protocol Support	HTTP/HTTPS, TCP/IP, RTSP, UDP, NTP, DHCP, IPC Search	
13	Bandwidth	1900Mbps useable or better	
14	Minimum Function / Features	VMS software shall support ONVIF Profile S, G, M, T or better and shall be an ONVIF member at the "Full" membership level. The ONVIF website shall have a certificate to this effect. • Should be able to recover the video from edge storage of Network Camera in case of network failure automatically once the network is stabilized. •Should able to allocate variable disk space to different cameras to record video for a longer time on the high-security camera. • Water Mark or E-signature •Storage expansion if required	
15	Input Voltage	100~240 V AC, 50/60 Hz. Dual Power. Any power converter that is required to power the NVR has to be supplied by Bidder. With redundant power supply	
16	Operating System temperature	10°C ~ 25°C or better	
17	Approval	FCC, BIS, UL, CE	

5.	Minimum Hardware Specification for Client workstation	
No.	Feature Description	Bidder Compliance (Y/N)
1	CPU : Intel i7 or better	
2	RAM : 16 GB or better	
3	OS Drive : 128 GB SSD or better	
4	Operating System : Microsoft Windows 10 or Ubuntu Linux 18.04	

| 5 | NIC : 2 x 1 Gbps | | |
| 6 | Min 8 GB NVIDIA or more similar discrete graphics card for 2 monitor 32 streams | | |

Note: If VMS OEM recommends higher server configuration, please specify the higher one.

1.   **Specification for Rack Mount Recorder**

No.	DESCRIPTION	QTY	UNIT	Make & Model
1	**Supply, Installation, Testing and Commissioning of Video Management Server with the following features:** The Video Management System (VMS) software shall be used to view live and recorded video from IP devices connected to local and wide area networks. The VMS software shall have a client/server-based architecture that can be configured as a standalone VMS system with the client software running on the server hardware and/or the client running on any network- connected TCP/IP workstation. Multiple client workstations shall be capable of simultaneously viewing live and/or recorded video from one or more servers. Multiple servers shall also be able to simultaneously provide live and/or recorded video to one or more workstations. The VMS shall be supplied with a minimum of 25 nos. of thick clients and 10 mobile clients. The VMS client should be run on Windows or Linux platform. The VMS should support more than 1000 Cameras or Encoders from different Manufacturers (minimum 50). The VMS should support 2-way audio communication between server, client, and camera. Video formats supported: MJPEG, MPEG-4, H.264, H.265.Each video stream shall have the ability to be recorded, viewed live, saved to views, exported, and available in search and playback. Supports Multistreaming. Support local HDD disk storage, iSCSI extended storage, and auto-fill back from Camera SD cards. Supports events: Video motion, operating on the encoded video, Device, Server and System Health, video loss, Analytics Rule. Support actions on events like Record Video, Output Trigger, Send an E-mail supporting SSL and TLS protocols for encrypted communications, support nested or embedded maps &can place,	1	Lot	
	view and activate soft triggers from the MAP. Supports Export file formats supported: .exe, .avi, .ps, .mov, .psx. **The VMS shall be enabled for integration with any external Video Analytics Systems & camera edge based VAs also. Bidder shall consider camera edge based analytics or separate server based analytics for delivering proper events & alarms with respect to the VA required(Bidder shall consider all VA mentioned in the camera specification).** **Tender specification is generic and minimum, but the Bidder shall comply with the VMS OEM recommendations in addition. The VMS must be chosen to get the required analytics, ANPR functionalities and if required additional hardware/servers/storage should be provided by the Bidder at his own cost.** **The VMS Server shall support failover architecture &support automatic failover for recording. (License :Bidder shall consider 100 numbers of Camera licenses, which shall be allocated to VMS/recording server as per the VMS architecture.**			

2	**Supply, Installation, Testing and Commissioning of Central Video/ database Management Server with CPU : Intel i7 or better, RAM : 16 GB or better, OS Drive : 128 GB SSD or better Operating System : Microsoft Windows 10 or Ubuntu Linux 18.04, NIC : 2 x 1 Gbps as per Tender specification. Warranty 5 years & Software support with upgrades for 5 more years**	1	Nos
3	**Supply, Installation, Testing and Commissioning of Camera Recording Server/NVR, Supports 128 Camera Recording, Capacity: Should have Minimum 20 Hard Disk Slots. Supports upto 340TB including RAID5 and 6. , Min 256GB SSD for OS & recording application software** **RAID Level: RAID 5 and 6, Network Connections: Dual Gigabit Ethernet (RJ-45 port) – 10/100/1000 Mbps.** **Operating System: Linux, Processor: Intel Xeon W processor or better with min 8 core, min 3.4Ghz, up to 5GHz at turbo & 16MB cache, Memory: 32GB DDR3 or better, Video Compression:H.264, H.265, MJPEG, Recording Support: Support the simultaneous recording of min 128 IP cameras at 1080p resolution at 15 fps Synchronous Playback: Minimum 16 Channel, Recording Resolution: 4K, 5MP, 1080P, 720P, D1, Network Protocol Support: HTTP/HTTPS, TCP/IP, RTSP, UDP, NTP, DHCP, IPC Search,** **Bandwidth: 1900Mbps useable , Minimum Function / Features: ONVIF Profile S or better, Should be able to recover the video from edge storage of Network Camera in case of network failure automatically once the network is stabilized, Should able to allocate variable disk space to different cameras to record video for a longer time on the high-security camera, supports tamper proof video export, Storage expansion if required .** **(OTDR test reports shall be submitted as part of the installation completion documents)**	2	Nos

NO.	DESCRIPTION OF ITEM		
7	**4/8-port POE+ Switch With 2 SF PORT**		

Specification	
Interfaces	Minimum 4 X 10/100/1000 Mbps ports with 2x1G SFP
PoE Budget	55 watts
IEEE	802.3af/802.3at
Performance	
Switching Capacity	20Gbps
Mac address Table	8K
Vlans	64
Packet buffer memory	512kb
CPU Memory	128MB DDR RAM
Flash Memory	32MB
Jumbo Frame	10k
Management	Supports IPv6 Management
	• web Based Graphical User Interface
Environmental	Switch should have operating temperature range of 0-40C in continuous operation
Certifications	Certification: **UL/CE/FCC, BIS IS 13252: 2010/TEC**

The specification of switches given above are sufficient, but Industrial grade switch may also be provided. It is the responsibility of the Contractor to maintain the entire system for 7 years without fail.	
8	**24-port 1/10G Base-X Layer-3 Stackable Managed Switch.**
Physical Interfaces	2 # 1/10G Base-T Copper Ports(shared)
	24 # 1/10G Base-X Fiber SFP Ports

		Ethernet: Out-of-band 1G port, -
		Console: RJ 45/Mini USB, Storage: USB
	CPU/ Memory	CPU: 800 MHz
		RAM: 1 GB
		Packet buffer memory: 32 MB
		Flash: 256 MB
	Environmental	Operating Temperature: 0° to 40°C)
	Certifications	Certification: **UL/CE/FCC, BIS IS 13252: 2010/TEC**
9	**24-port 1000base-T Gigabit PoE+ Smart Switch**	
	Physical Specifications	24 # 10/100/1000 Base-T auto-sensing PoE+ ports and 4 dedicated 100/1000 Base-X Fiber SFP ports
	Performance Specification	Bandwidth: 56 Gbps non-blocking or above
		Forwarding rate: 41mpps or more
		MAC Address database size: 16 media access control (MAC) addresses or more
		VLAN: 256 or above
		Packet buffer: 1.5Mb or above
		Jumbo frame: 9216
		PoE budget: 190W or more
	Certifications	**Certification: UL/CE/FCC, BIS IS 13252: 2010/TEC**
10	**24-port 1000base-T Gigabit Smart Switch**	
	Physical Specifications	24 # 10/100/1000 Base-T auto-sensing ports and 2 dedicated 100/1000 Base-X Fiber SFP ports
	Performance Specification	Bandwidth: 52 Gbps non-blocking or above
		MAC Address database size: 16 media access control (MAC) addresses or more
		VLAN: 256 or above
		Packet buffer: 2MB or above
		Jumbo frame: 9216
		Multicast groups: 512
		Mac: 16k or more
	Certifications	Certification: **UL/CE/FCC, BIS IS 13252: 2010/TEC**
11	SFP module	
	1G Single Mode Duplex SFP module.	
12	**P2P Point to point Wireless Connectivity (**Minimum specification is mentioned, bidder may offer advanced systems which suit the purpose)	
	Antenna Type	Omni directional/Flat Panel
	Antenna Gain	19 dBi
	Antenna Beamwidth	3 dB - 14.5º/3 dB - 12.5º
	Environmental	IP67
	Temperature	-30°C to 60°C
	Wind Survival	200 km/h (124 mph)
	Certifications	CE ,FCCID, BIS, IS
	Warranty	5 year Warranty

13	**800 VA UPS with INBUILT BATTERY (minimum Capacity)**	
	Input Voltage	220/230 vac
	Input Voltage Range	160-300 vac
	Frequency Range	50 hz & Variation as per IS
	Output	Minimum one hour backup
	A/c Voltage Regulation	As per IS
	Waveform	Simulated Sine Wave
	Transfer Time	4-8 ms
	Warranty	5 year Warranty
14	**UPS of Capacity as required for the System with BATTERY (minimum Capacity 2KVA or higher)**	
	Input Voltage	220/230 vac
	Input Voltage Range	160-300 vac
	Frequency Range	50 hz and variation as per IS
	Output	Minimum one hour backup
	A/c Voltage Regulation	As per IS
	Waveform	Sinusoidal
	Warranty	5 year Warranty
15	**Lightning Arrestor**	
		1 meter Copper Alloy based lightning Arrester, clamp, wire with Graphite based chemical compound earthing and min 250 microns copper bonded low carbon steel rod, Earthing strip of 25x3/6 mm
16	**Outdoor POE in-line surge protector**	
	Standards compliance:	IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3af/3at/3bt/ ANSI/TIA-568-C.1
	Certification:	UL
	Technology:	GDT/ diode
	Network:	POE
	Max. DC operating voltage	60 Vdc - 650 mA
17	**Type 2 DC surge protector - 30 V**	
	Standards compliance:	IEC 61643-11 / prIEC 61643-41
	Remote signaling of disconnection:	output on NC contact
	Max. DC operating voltage:	30 V DC
	Max. discharge current	3 kA
	Admissible short-circuit current:	10000 A
18	**Rack /Poly Carbonate Box**	
		The lockable Metal door at the front and the rear ends are closed. With required fittings to fix it on a wall/pole
		It can be used as Pole-Mount or Wall-Mount.
		IP56 Certified Weatherproof Rack with cooling fan
		Minimum Dimension (600mm x 200 mm x 170 mm)
	The tenderer should consider the applicable size of each Outdoor Box / Rack as per the site. Rack/box should accommodate with all active and passive products required with neat and tidy arrangement .	

	Outdoor racks(9U) shall be IP 65 and indoor racks(6U) shall be IP 56 as mentioned in BOQ item No.6 & 7 and with minimum specifications mentioned above. Mounting of rack shall be decided as per site survey, based on site conditions and size is to be decided based on the number of cameras, with provision for spare in future.. Depth of the rack depends upon the depth of the equipments supplied by the Bidder like switch, UPS etc. Outdoor racks shall be suitable for marine environment. 32U rack is indoor. The sample shall be got approved from EIC before procurement. Before procurement, drawings and technical spec. shall be got approved from Engineer-In-Charge.

19. <u>FIBER SPECIFICATIONS-TECHNICAL SPECIFICATIONS FOR PASSIVE CABLING</u>
Single mode(OS2) Armoured Indoor/Outdoor Fiber cable -Dry tube

No.	Specifications	Requirement
1	Cable Type	Single Jacket, Armored, Dry tube, Indoor/Outdoor Stranded Loose Tube Cable
2	Fiber Type	G.652.D Single mode OS2, Zero Water Peak Cable
3	No of cores	6
4	Fiber dia. and identification	9/125/250 with different color sequence as defined by TIA standard for identification
5	Armoring Type	Corrugated Steel Tape Armour for crush and rodent protection
6	Outer Sheath	FRLSZH with Minimum 2.1MM thickness
7	Strength member	Glass Yarns-Peripheral
8	Loose Tube	Dry tube construction and one water blocking yarn in each loose tube
9	Jacket UV Resistance	UV Stabilized
10	Jacket Color	Black
12	Minimum Bend Radius	440 mm (Loaded) 115 mm (Unloaded)
13	Tensile Load, Maximum	1250 N @ 0.25% FIBRE STRAIN
14	Operating Temperature	-20 °C to +70 °C
15	Cable weight	120KG/KM
16	Diameter Over Jacket	10.50 MM
17	Water Penetrations Test Method	24 hours (as per IEC 60794-1 F5)
18	Attenuation, maximum	0.22 dB/km at 1550 nm 0.34 dB/km at 1310 nm
19	Standards	EN 50173, ISO/IEC 11801, ANSI/TIA-568-C.3, IEC 61034-2, IEC 60754-2
20	Regulatory Compliance	RoHS 2011/65/EU compliant
21	Country of origin	Product country of origin and associated manufacturing plant details to be furnished for verification
22	Includes all required accessories such as fully loaded fiber panel and patch cords to complete the structured cabling including 2yeaars warranty as per specification	

20. <u>CABLE SPECIFICATIONS:</u>

Cat-6 U/UTP Indoor/Outdoor Cable-Double sheath Anti-rodent cable

No.	Details	Specification
1	Type	Unshielded Twisted Pair, Jell free, Category 6, TIA / EIA 568-C.2& ISO/IEC 11801
2	Environment	Double jacketed cable for indoor & outdoor application and crush resistance
3	Conductors	23 AWG solid bare copper

5	Insulation	Polyolefin
6	Outer sheath	LSZH for Indoor purpose
7	Inner sheath	Polyethylene, UV Resistant for outdoor purpose
8	Pair Separator	Cross-member (+) fluted Spline.
9	Temperature range	-20 Deg. C to +70 Deg. C
10	Frequency tested up to	Minimum 250 MHz
11	Packing	Box of 305 meters
12	Cable Outer Diameter	7.2 mm nominal
13	Delay Skew	45ns MAX.
14	Bend Radius	28mm Minimum
15	Anti-rodent	Must be Anti-rodent with Black
16	Conductivity	Cable shall not have any metal/Armour layer to protect. They can carry the electrical/lighting current directly to switch, if the cable is exposed to environment
17	Impedance	100 Ohms + / - 15 ohms, 1 to 250 MHz.
18	Mutual Capacitance	5.6 NF MAX /100 Mtr.
19	Conductor Resistance	66.58 Ohms Max / KM
20	Propagation Delay	536 ns/100 Mtrs. MAX @ 250 Mhz
21	Transmission Standards	ANSI/TIA-568.2-D, ISO/IEC 11801 Class E
22	Remote Powering	Cable shall be fully complied with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1,CENELEC EN 50174-2 or TIA TSB-184-A
23	Performance characteristics to be provided along with bid	Attenuation, Pair-to-pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR
24	ROHS Compliant	ROHS/ELV Compliant
25	Accessories	Includes all required accessories such as patch panel, reusable IDC connector, patch cords to complete the structured cabling including 2 year warranty as per specification

19. General requirements of camera.

Both PTZ and fixed cameras shall be supplied with its mounting arrangements as per the site conditions, i.e., wall or pole mounted with all required accessories and fitments. The entire camera shall be provided with IP66 housing. Outdoor housing (IP66) should be from the same camera manufacturer. It should be die- cast and extruded Aluminium construction.

(1) POE switch shall be supplied and installed complete with all accessories for viewing the video signals individually at Centralized Video Surveillance system control room (CVSS) as per technical specification.

(2) The Camera Power supply is for extending the UPS power to the PTZ cameras from the UPS out socket. The scope includes wiring materials, its accessories, plug & Sockets if required. The method measurement is taken as unit rate.

(3) The Power cable is intended for drawing raw power from available of source to the UPS to be provided near camera location.

(4) In case where the distance of NVR and camera is more than 70 mtrs, OFC can also be used for which necessary splicing arrangements shall be supplied by the firm without extra cost.

(1) HDPE pipe shall be suitable for drawing the CAT 6, STP cable/OFC conforming to relevant IEC/BIS. The HDPE material shall conform to ASTM D 3350. Necessary clamps, fasteners etc shall be supplied when the pipe is drawn through wall/structures etc.

(2) The PVC conduits are meant for drawing power cables. The size of the conduits shall be 38mm diameter. Saddles for fixing conduits shall be heavy gauge non-metallic type with base. Bends, couplers etc of solid type shall also be used along with conduits as per requirement.

Supply and laying of HDPE pipe below the ground.

HDPE pipe are proposed for laying the OFC and data cables for use of CCTV communications. The HDPE pipes shall be laid through open trenches, hard surfaces after excavation of same at about 50 CM depth and excavated portion shall be backfilled , compacted with excavated material with compaction without damaging the pipe and cables. Loose soil cover shall be provided above the HDPE pipe for avoiding damage to the cables and pipes. For vehicle crossing areas sufficient depth shall be maintained to avoid damage to cables. Cable route marker shall be provided without any

extra cost at required interval. Excavation shall be done by JCB/ manual by taking extreme care without damaging the existing cable and other utilities in the location. If any damaged has occurred   to the utilities the contractor shall make good the damaged portion by his own cost.

Resurfacing the hard surface after excavation.

The excavated hard surface shall be resurfaced with Cement Concrete after proper compacting the area.

Fixing and Foundation for Poles

Poles supplied for fixing the CCTV shall be erected with suitable CC foundation with at least 30 CM diameter and 50 cm depth from ground and 20 CM above ground. Sufficient supports shall be given at bottom of poles for proper fixing of same. At the top of the poles necessary GI sheet cover shall be provided for the protection of Cameras as per requirements.

APPROVED MAKES

CCTV CAMERA	As per Technical Specification. The Bidder shall submit letter, as per the format (Annexure-D), from OEM expressing his assurance on functionality by extending technical support including supply of spares for a period of 7 years.
VMS ***	As per technical Specification and as selected by the Bidder. Please Note that the selected brand & Model shall be compatible with new & existing CCTV cameras. The Bidder shall submit letter, as per the format (Annexure-D), from OEMs expressing their assurance on functionality by extending technical support of the proposed items including supply of spares for a period of 7 years.
CAMERA RECORDING SERVER OR NVR	
CENTRAL VIDEO AND DATABASE MANAGEMENT SERVER	
WORK STATION/ PC	
NETWORK SWITCH / SFP MODULE	
NETWORK/ OUTDOOR RACK	
HARD DISK	
UPS WITH BATTERY	
OFC / CAT 6 CABLE	MOLEX / COMSCOPE/ PANDUIT/ LEGRAND/ FINOLEX/ CORNING/NEXANS
POWER CABLE	FINOLEX/ Q FLEX/ RR KABEL/ RPG CABLES/ LAPP KABEL/ V-GUARD/ HAVELLS/ L&T/ KEI/ RALLISON
SURGE PROTECTOR	APC/DHEN/ CAPE ELECTRIC/OBO BETTERMANN/ L&T
LIGHTNING ARRESTOR	
LED MONITOR	SONY/ PANASONIC/ SAMSUNG/ PHILIPS/ LG
MCB'S, SWITCHES, ADAPTORS ETC	LEGRAND / MERLIN GERIN/MK/ ABB/ GE POWER / HAVELLS/ HPL/ SIEMENS/ L&T/ MDS/ INDOASIAN
PVC CONDUIT	ISI marked Brands
HDPE PIPE	

DETAILS OF EXISTING CCTV CAMERAS					
I	2013	INFINOVA CAMERAS			
	CFS	IP Box type fixed camera	10	Nos.	Cameras to be checked, repositioned & connected to new Server. Present server is in 5th floor EDP Data centre
	Old Ad.Bldg. Access Control	IP Box type fixed camera	1	No.	
	New Ad.Bldg. Access Control	IP Box type fixed camera	1	No.	
	Marine Bldg. Access Control	IP Box type fixed camera	1	No.	
	Hospital Access Control	IP Box type fixed camera	1	No.	

	Fire station Access Control	IP Box type fixed camera	1	No.	
			15	**Nos.**	
II		**2016**	**HANWHA TECHWIN**		
1	New Ad. Bldg.	PTZ Zoom camera	1	No.	These 21 cameras were under CAMC till 2024
2	Q6 berth	PTZ Zoom camera	1	No.	
3	Q2 berth	PTZ Zoom camera	1	No.	
4	E/Wharf gate	IP Box type fixed camera	2	Nos.	
5	M/Wharf gate	IP Box type fixed camera	2	Nos.	
6	CFS	IP Box type fixed camera	2	Nos.	
7	Toll gates	IP Box type fixed camera	4	Nos.	
8	OTB	IP Box type fixed camera	3	Nos.	
III		**2017**	**HANWHA TECHWIN**		
9	Embarkation Jetty	IP Box type fixed camera	2	Nos.	
10	Mattancherry Jetty	IP Box type fixed camera	1	No.	
IV		**2017**	**HANWHA TECHWIN**		
11	South End Rec.Area- A2	IP Box type fixed camera	2	Nos.	
		2019	**HANWHA TECHWIN**		
12	New Ad. Bldg. 6 floors	Dome type fixed camera	6	Nos.	These 23 cameras are under CAMC till 2026
13	Car parking-New Ad.Bldg.	Bullet type fixed camera	3	Nos.	
14	In front of Chairperson residence	Zoom camera box type	2	Nos.	
15	Inside CFS shed	Fish eye Dome camera	2	Nos.	
16	Inside CFS shed	Zoom camera box type	6	Nos.	
17	CISF Armoury of CoPA	Dome type fixed camera	1	No.	
18	CISF Armoury of CoPA	Zoom camera box type	2	Nos.	
19	Near Customs Comm. Bunglau	Zoom camera box type	1	No.	
V		**Jan-22**	**HANWHA TECHWIN**		
20	South End Rec. Area- A3	IP Box type fixed camera	3	Nos.	
	TOTAL NO. OF CCTV CAMERAS AT PRESENT AT VARIOUS LOCATIONS				
				47 Nos.	
	In CFS - 10 Nos. Hanwha Techwin and 10 Nos. old Infinova cameras.				
	Back up of existing cameras is available for 90 days at CISF CONTROL ROOM & At CFS only 30days				

Warranty : It is the Contractor's responsibility to maintain the new and old CCTV surveillance systems. Warranty for existing cameras is not envisaged in this bid. But the successful bidder shall maintain the existing cameras also and ensure the availability of footages in the control room. Necessary Spares for the
old CCTV surveillance systems shall be provided by the Contractor on payable basis.

	Existing CCTV Camera Location	**Model**
1	EKM WHARF IN	Hanwha SNZ-6320
2	EKM WHARF OUT	Hanwha SNZ-6320
3	TOLL GATE 1(IN)	Hanwha SNZ-6320
4	TOLL GATE 1(OUT)	Hanwha SNZ-6320
5	TOLL GATE 2(IN)	Hanwha SNZ-6320
6	TOLL GATE 2(OUT)	Hanwha SNZ-6320

7	EMBARKATION JETTY	Hanwha SNZ-6320
8	6TH FLOOR – NEW AD. BLDG.	Hanwha QND-6070R
9	NEW AD. BUILDING - FRONT	Hanwha SNZ-6320
10	ADM BUILDING (PTZ) - TOP	Tyco ISS04P6ONWIT
11	EKM WHARF (PTZ)	Hanwha SNP-6320RH
12	OTB NORTH	Hanwha SNZ-6320
13	OTB SOUTH	Hanwha SNZ-6320
14	PRIVATE JETTY	Hanwha SNZ-6320
15	MAT. WHARF GATE	Hanwha SNZ-6320
16	MAT. WHARF(PTZ)	Hanwha SNP-6321H
17	A3 AREA(1)	Hanwha QNO-6082R
18	2ST FLOOR– NEW AD. BLDG.	Hanwha QND-6070R
19	PARKING 2 – NEW AD. BLDG.	Hanwha QND-6070R
20	GROUND FLOOR– NEW AD. BLDG.	Hanwha QND-6070R
21	1ST FLOOR– NEW AD. BLDG.	Hanwha QND-6067R
22	4TH FLOOR– NEW AD. BLDG.	Hanwha QND-6070R
23	GUEST HOUSE	Hanwha XNO-6120R
24	EMBARKATION JETTY	Hanwha SNZ-6320
25	3TH FLOOR– NEW AD. BLDG.	Hanwha QND-6070R
26	KUNDANOOR 2 ROAD	Hanwha LNO-6072R
27	A3 AREA(3)	Hanwha QNO-6082R
28	MALABAR ROAD	Hanwha XNO -6120R
29	A3 AREA(2)	Hanwha QNO-6082R
30	PARKING 1– NEW AD. BLDG.	Hanwha QND-6070R
31	5TH FLOOR– NEW AD. BLDG.	Hanwha QND-6070R
32	KUNDANOOR 1	Hanwha LNO-6072R
33	6TH FLOOR– NEW AD. BLDG.	Hanwha QND-6067R
34	APPROACH ROAD	Hanwha XNO -6120R

	CONTAINER FREIGHT STATION Camera Location	Model
1	W6/W7 CENTER	Hanwha SNZ-6320
2	OUT SIDE	Hanwha SNZ-6320
3	W7/E7 CENTER	Hanwha SNZ-6320
4	W13/W14 CENTER	Hanwha XNO-6120R
5	W19/W20 CENTER	Hanwha XNO-6120R
6	E13/E14 CENTER	Hanwha XNO-6120R
7	W13/W14 CENTER	Hanwha XNO-6120R
8	E19/E20 CENTER	Hanwha XNO-6120R
9	E13/E14 CENTER	Hanwha XNO-6120R
10	FISHEYE-2	Hanwha XNF-8010RV
11	FISHEYE-1	Hanwha XNF-8010RV
12	UBW	Hanwha QNO-6070R
13	UBE	Hanwha SNO-6084R

NVR Location & Details

	NVR Location	Model No
1	**CISF CONTROL ROOM** (ADM BUILDING) 64 CHANNEL	(SAMSUNG) SRN-4000
2	**CISF CONTROL ROOM** (ADM BULIDING 16 CHANNEL	(WISENET) XRN-1610A
3	**CISF CONTROL ROOM** (ADM BULIDING 16 CHANNEL	(WISENET) XRN-1610A
4	EKM. WHARF (CISF GATE) 4 CHANNEL	(WISENET) SRN-473S
5	MAT. WHARF (CISF GATE) 8 CHANNEL	(CP PLUS) CP-UNR-416T2
6	OTB (CISF GATE) 4 CHANNEL	(WISENET) SRN-473S
7	TOLL GATE -1 4 CHANNEL	(WISENET) LRN-810S
8	**CFS (CONTAINER FREIGHT STATION) 16 CHANNEL**	(WISENET) XRN-1610A

Signature of Bidder ……………………….

Name: …………………………………

Designation …..   Seal of BA Organization

Place: ………………………………

Date: …………………………………..

7.8   ANNEXURE 8 – PRICE BID

To be uploaded as pdf (On Organization Letter Head)

 EOI No RailTel/SR/ERS/Mktg/2025-26/EOI/07 Dt. 12.12.2025

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station, Ernakulam – 682016

  TENDER NO: **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M dated 17.11.2025**

The RFP published by Cochin Port Authority for the work vide **Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M dated 17.11.2025** as circulated,please be referred for any clarifications. **The submission of EMD, PBG, SD and Agreement with RCIL Non-Judicial paper by the selected Bidder will be sacrosanct selected Bidder**.

No.	Description of Item	Quantity	Unit	Unit Price	Total Amount without Taxes	GST	Total Amount with Tax
**BOQ**
**"ESTIMATE FOR PROVIDING CCTV AT VARIOUS LOCATIONS OF COCHIN PORT AUTHORITY"**
**Name of Bidder:**
I	**SUPPLY, INSTALLATION, TESTING & COMMISSIONING**						
1	2 MP OUTDOOR TYPE PTZ CAMERA	1	No.		0	0	0
2	5 MP OUTDOOR TYPE MOTORISED BULLET CAMERA WITH VARIFOCAL LENS	35	No.		0	0	0
3	GI pole 3 inch dia. 5 metre long with Foundation	18	No.		0	0	0
4	Outdoor wall mount Rack/ IP 65 BOX with fan Network Acessories with Required Glands	12	No.		0	0	0
5	6 U indoor Rack With Tray , PDU and Cable Manager and Required Accessories	7	No.		0	0	0
6	POE Switch 8 port poe+ With 2 sf port With power budget of 55W	11	No.		0	0	0
7	POE Switch 4 port poe+ With 1 sf port With power budget of 55W	16	No.		0	0	0
8	SFP Module With Patch cord	86	No.		0	0	0
9	Polycarbonate junction box	3	No.		0	0	0
10	Network Surge Protector	68	No.		0	0	0
11	Lighting Arrestor	24	No.		0	0	0
12	Earthing Strip with Required Links and Earthing Compound	24	No.		0	0	0
13	MCB and Other Accessories	28	No.		0	0	0
14	6 Core SM Fiber Cable Armoured - 6-core Indoor/Outside Cable - Corrugated Steel tape Armored, Loose-tube, Drytube, FRLSZH Jacket, 9/125 SM OS2 along with Factory aceptance test and 25Y warranty	9750	Mtrs.		0	0	0
15	HDPE pipe 25/32 mm	5455	Mtrs.		0	0	0

16	Cat6 U/UTP Double Jacketed Outdoor Cable with PE and LSZH jacket	1010	Mtrs.		0	0	0
17	800 VA UPS With Inbult Battery	19	No.		0	0	0
18	PVC Conduit 25 mm isi Medium	300	Mtrs.		0	0	0
19	Power Cable 3 core 1.5 sqmm	365	Mtrs.		0	0	0
20	2000 VA UPS With Inbult Battery	1	No.		0	0	0
21	Pole Stucture with Foundation which could stand the conditions of the installation area(COT)	2	No.		0	0	0
22	P2P link for the the wireless communication	3	Nos.		0	0	0
23	Structure and earthing for the wireless communication	3	Nos.		0	0	0
24	Pendant for Fish Eye Camera	1	No.		0	0	0
25	Reposition of existing cameras - CFS	10	Nos.		0	0	0
26	Rack Mount Recorder consisting of following :	1	No		0	0	0
26.a	Supply, Installation, Testing and Commissioning of Video Management Software as per technical specification - Warranty 5 years & Software support with upgrades for 5 more years	1	LS		0	0	0
26.b	Supply, Installation, Testing and Commissioning of of Central Video/ database Management Server with CPU : Intel i7 or better, RAM : 16 GB or better, OS Drive : 128 GB SSD or better Operating System : Microsoft Windows 10 or Ubuntu Linux 18.04, NIC : 2 x 1 Gbps as per Tender specification, Make- HP/ Bosch/Dell/Lenovo/ Sony/Tyco - Warranty 5 years & Software support with upgrades for 5 more years	1	No.		0	0	0
26.c	Supply, Installation, Testing and Commissioning of Camera Recording Server/NVR, Supports 128 Camera Recording, Capacity: Should have Minimum 20 Hard Disk Slots. Supports upto 340TB including RAID 5 and 6, Min 256GB SSD for OS & recording application software	2	Nos.		0	0	0
27	18 TB HDD	18	No.		0	0	0
28	High EndWork station	1	No		0	0	0
29	24 port POE + 4 SFP switch	1	No.		0	0	0
30	24 port GB switch with 4 port SFP Enterprise	1	No.		0	0	0
31	24 port SFP Switch Enterprise	1	No.		0	0	0
32	43 inch Display Professional 24X7 Operational	2	Nos.		0	0	0
33	32 u rack With all accessories	1	No.		0	0	0
34	PTZ Joy Stick Controller	1	No.		0	0	0
	TOTAL SUPPLY CHARGES				0	0	0
II	TOTAL ERECTION CHARGES FOR ENTIRE LOCATION						
1	Splicing Charges	200	Nos		0	0	0
2	Soft Soil Digging & resurfacing	500	Mtrs.		0	0	0
3	Tar Cutting &resurfacing	530	Mtrs.		0	0	0

4	Conduit laying & pulling all over the wall	1000	Mtrs.			0		0	0
5	Installation, Testing, Commissioning & Training	1	LS			0		0	0
	charges					0		0	0
	TOTAL ERECTION CHARGES FOR ENTIRE LOCATION					0		0	0
	TOTAL ESTIMATED COST (I + II)					0		0	0
III	**AMC FOR 5 YEARS AFTER 2-YEAR GUARANTEE PERIOD**								
	3 rd year								
	4 th year								
	5 th year								
	6 th year								
	7 th year								

Sl. No.	Description of Item	Bidder's Quoted Amount (Rs.)	
		In Figures	in Words
1	SITC OF CCTV AT VARIOUS LOCATIONS OF COCHIN PORT AUTHORITY		
II	Comprehensive Annual Maintenance Contract of CCTV surveillance systems		
	III rd YEAR		
	IV th YEAR		
	V th YEAR		
	VI th YEAR		
	VII th YEAR		
	GRAND TOTAL(SITC OF CCTV + 5 YEARS CAMAC)		

Signature of Bidder ……………………….

Name: …………………………………

Designation …....………………………........   Seal of BA Organization

Place: …………………………………

Date: ………………………………..

7.9   ANNEXURE 9 - PROFORMA FOR PERFORMANCE BANK GUARANTEE

(On Stamp Paper of ₹ Two Hundred/requisite value)

To,

The Joint General Manager (ERS)

RailTel Corporation India Limited,

Kerala Territory Office,

1st Floor, Eastern Entry Tower

Ernakulam South Railway Station

Ernakulam – 682016

Ref No.F1/T-3/CCTV-36-W.ISLAND/2025/M; latest amendment/ Corrigendum / clarifications. **Floated on COPT portal** (**www.tenderwizard.com/COPT**)

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 (herein after called "RailTel") having agreed to exempt .... (CIN: ………) having its registered office at…………………. (Herein after called "the said Contractor") from the demand, under the terms and conditions of Purchase Order No .... dated………… made between RailTel and……………….for (hereinafter called "the said Agreement") of security deposit for the due fulfilment by the said Contractor of the terms and condition contained in the said Agreement, or production of a Bank Guarantee for Rs. …………… (Rs………. Only). We .... (Indicate the name and address and other particulars of the Bank) (hereinafter referred to as 'the Bank') at the request of ……………contractor do hereby undertake to pay RailTel an amount not exceeding Rs. …………. (Rs ……… Only) 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 the said Contractor of any of the terms or conditions contained in the said Agreement.

1. We, ………………………. the Bank do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage by the said Contractor of any of terms or conditions contained in the said Agreement by reason of 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 …………. (Rs..Only).

2. We, ……………………. the Bank undertake to pay the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor 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 shall have no claim against us for making such payment.

3. We, …………………. the Bank further agree that the Guarantee herein 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 an 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 and accordingly

discharges this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before ....We shall be discharged from all liability under this Guarantee thereafter.

4. We, …………………… the Bank further agree with the RailTel that the RailTel shall have 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 of to postpone for anytime or from time to time any of the powers exercisable by the RailTel against the said Contractor 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 or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor 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 discharge due to the change in the constitution of the Bank or the Contract or (.......... indicate the name of Bank ……) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of RailTel in writing.

Dated the ………… Day of ………… 2025 for ……………(Name of Bank) In the presence of Witnesses:

1.Signature with Date & Name   2. Signature With Date & Name

Signature of Bidder ……………………..
Name: ……………………………………
Designation …...…………………………….........   Seal of BA Organization
Place: ………………………………
Date: …………………………………..

7.10 ANNEXURE 10 - NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement (this "Agreement") is made and entered into on this____day of, 2021 (the "Effective Date") at by and between RailTel Corporation of India Limited, (CIN: L64202DL2000GOI107905), a Public Sector Undertaking under Ministry of Railways, Govt. of India, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower -2, East Kidwai Nagar, New Delhi-110023 & Southern Region office at 1-10-39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad- 500016, (hereinafter referred to as 'RailTel'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of the ONE PART, and) (CIN:_____), a company duly incorporated under the provisions of Companies Act, having its registered office at , (hereinafter referred to as ' '), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of OTHER PART RailTel and_____shall be individually referred to as "Party" and jointly as "Parties" WHEREAS, RailTel and_____ , each possesses confidential and proprietary information related to its business activities, including, but not limited to, that information designated as confidential or proprietary under Section 2 of this Agreement, as well as technical and non- technical information, patents, copyrights, trade secrets, know-how, financial data, design details and specifications, engineering, business and marketing strategies and plans, forecasts or plans, pricing strategies, formulas, procurement requirements, vendor and customer lists, inventions, techniques, sketches, drawings, models, processes, apparatus, equipment, algorithms, software programs, software source documents, product designs and the like, and third party confidential information (collectively, the "Information"); WHEREAS, the Parties have initiated discussions regarding a possible business relationship for WHEREAS, each Party accordingly desires to disclose certain Information (each Party, in such disclosing capacity, the "Disclosing Party") to the other Party (each Party, in such receiving capacity, the "Receiving Party") subject to the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the receipt of certain Information, and the mutual promises made in this Agreement, the Parties, intending to be legally bound, hereby agree as follows:

1. Permitted Use.

(a) Receiving Party shall:

(i) hold all Information received from Disclosing Party in confidence;

(ii) use such Information for the purpose of evaluating the possibility of entering into a commercial arrangement between the Parties concerning such Information; and

(iii) restrict disclosure of such Information to those of Receiving Party's officers, directors, employees, affiliates, advisors, agents and consultants (collectively, the "Representatives") who the Receiving Party, in its reasonable discretion, deems need to know such Information, and are bound by the terms and conditions of (1) this Agreement, or (2) an agreement with terms and conditions substantially similar to those set forth in this Agreement.

(b) The restrictions on Receiving Party's use and disclosure of Information as set forth above shall not apply to any Information that Receiving Party can demonstrate:

(i)   is wholly and independently developed by Receiving Party without the use of Information of Disclosing Party;

(ii) at the time of disclosure to Receiving Party, was either (A) in the public domain, or (B)known to Receiving Party;

(iii) is approved for release by written authorization of Disclosing Party; or

(iv) is disclosed in response to a valid order of a court or other governmental body in the India or any political subdivision thereof, but only to the extent of, and for the purposes set forth in, such order; provided, however, that Receiving Party shall first and immediately notify Disclosing Party in writing of the order and permit Disclosing Party to seek an appropriate protective order.

(c) Both parties further agree to exercise the same degree of care that it exercises to protect its own Confidential Information of a like nature from unauthorized disclosure, but in no event shall a less than reasonable degree of care be exercised by either party.

2. Designation.

(a) Information shall be deemed confidential and proprietary and subject to the restrictions of this Agreement if, when provided in:

(i) written or other tangible form, such Information is clearly marked as proprietary or confidential when disclosed to Receiving Party; or

(ii) oral or other intangible form, such Information is identified as confidential or proprietary at the time of disclosure.

3. Cooperation. Receiving Party will immediately give notice to Disclosing Party of any unauthorized use or disclosure of the Information of Disclosing Party.

4. Ownership of Information. All Information remains the property of Disclosing Party and no license or other rights to such Information is granted or implied hereby. Notwithstanding the foregoing, Disclosing Party understands that Receiving Party may currently or in the future be developing information internally, or receiving information from other parties that may be similar to Information of the Disclosing Party. Notwithstanding anything to the contrary, nothing in this Agreement will be construed as a representation or inference that Receiving Party will not develop products, or have products developed for it, that, without violation of this Agreement, compete with the products or systems contemplated by Disclosing Party's Information.

5. No Obligation. Neither this Agreement nor the disclosure or receipt of Information hereunder shall be construed as creating any obligation of a Party to furnish Information to the other Party or to enter into any agreement, venture or relationship with the other Party.

6. Return or Destruction of Information.

(a) All Information shall remain the sole property of Disclosing Party and all materials containing any such Information (including all copies made by Receiving Party) and its Representatives shall be returned or destroyed by Receiving Party immediately upon the earlier of:

   (i)   termination of this Agreement;
   (ii)   expiration of this Agreement; or
   (iii) Receiving Party's determination that it no longer has a need for such Information.

(b) Upon request of Disclosing Party, Receiving Party shall certify in writing that all Information received by Receiving Party (including all copies thereof) and all materials containing such Information (including all copies thereof have been destroyed.

7. Injunctive Relief: Without prejudice to any other rights or remedies that a party may have, each party acknowledges and agrees that damages alone may not be an adequate remedy for any breach of this Agreement, and that a party shall be entitled to seek the remedies of injunction, specific performance and/or any other equitable relief for any threatened or actual breach of this Agreement.

8. Notice.

(a) Any notice required or permitted by this Agreement shall be in writing and shall be delivered as follows, with notice deemed given as indicated:

   (i)   by personal delivery, when delivered personally;

   (ii)   by overnight courier, upon written verification of receipt; or

   (iii) by certified or registered mail with return receipt requested, upon verification of receipt.

(b) Notice shall be sent to the following addresses or such other address as either Party specifies in writing.

RailTel Corporation of India limited:

Attn:

Address:

Phone:

Email:

9. **Term, Termination and Survivability.**

(a) Unless terminated earlier in accordance with the provisions of this agreement, this Agreement shall be in full force and effect for a period of   years from the effective date hereof.

(b) Each party reserves the right in its sole and absolute discretion to terminate this Agreement by giving the other party not less than 30 days' written notice of such termination.

(c) Notwithstanding the foregoing clause 9(a) and 9 (b), Receiving Party agrees that its obligations, shall:

(i)   In respect to Information provided to it during the Term of this agreement, shall survive and continue even after the expiry of the term or termination of this agreement; and

(ii)   not apply to any materials or information disclosed to it thereafter.

10. **Governing Law and Jurisdiction**. This Agreement shall be governed in all respects solely and exclusively by the laws of India without regard to its conflicts of law principles. The Parties hereto expressly consent and submit themselves to the jurisdiction of the courts of New Delhi.

11. **Counterparts.** This agreement is executed in duplicate, each of which shall be deemed to be the original and both when taken together shall be deemed to form a single agreement

12. **No Definitive Transaction**. The Parties hereto understand and agree that no contractor agreement with respect to any aspect of a potential transaction between the Parties shall be deemed to exist unless and until a definitive written agreement providing for such aspect of the transaction has been executed by a duly authorized representative of each Party and duly delivered to the other Party (a "Final Agreement"), and the

Parties hereby waive, in advance, any claims in connection with a possible transaction unless and until the Parties have entered into a Final Agreement.

13. **Settlement of Disputes:**

(a) The parties shall, at the first instance, attempt to resolve through good faith negotiation and consultation, any difference, conflict or question arising between the parties hereto relating to or concerning or arising out of or in connection with this agreement, and such negotiation or consultation shall begin promptly after a Party has delivered to another Party a written request for such consultation.

b) In the event of any dispute, difference, conflict or question arising between the parties hereto, relating to or concerning or arising out of or in connection with this agreement, is not settled through good faith negotiation or consultation, the same shall be referred to arbitration by a sole arbitrator

14. The sole arbitrator shall be appointed by RailTel out of the panel of independent arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both

parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the part.

15. CONFIDENTIALITY OF NEGOTIATIONS

Without the Disclosing Party's prior written consent, the Receiving Party shall not disclose to any Person who is not a Representative of the Receiving Party the fact that Confidential Information has been made available to the Receiving Party or that it has inspected any portion of the Confidential Information or that discussions between the Parties may be taking place.

16. REPRESENTATION

The Receiving Party acknowledges that the Disclosing Party makes no representation or warranty as to the accuracy or completeness of any of the Confidential Information furnished by or on its behalf. Nothing in this clause operates to limit or exclude any liability for fraudulent misrepresentation.

17. ASSIGNMENT

Neither this Agreement nor any of the rights, interests or obligations under this Agreement shall be assigned, in whole or in part, by operation of law or otherwise by any of the Parties without the prior written consent of each of the other Parties. Any purported assignment without such consent shall be void. Subject to the preceding sentences, this Agreement will be binding upon, inure to the benefit of, and be enforceable by, the Parties and their respective successors and assigns.

18. EMPLOYEES AND OTHERS

Each Party shall advise its Representatives, contractors, subcontractors and licensees, and shall require its Affiliates to advise their Representatives, contractors, subcontractors and licensees, of the obligations of confidentiality and non-use under this Agreement, and shall be responsible for ensuring compliance by its and its Affiliates' Representatives, contractors, subcontractors and licensees with such obligations. In addition, each Party shall require all persons and entities who are not employees of a Party and who are provided access to the Confidential Information, to execute confidentiality or non- disclosure agreements containing provisions no less stringent than those set forth in this Agreement. Each Party shall promptly notify the other Party in writing upon learning of any unauthorized disclosure or use of the Confidential Information by such persons or entities.

19. NO LICENSE

Nothing in this Agreement is intended to grant any rights to under any patent, copyright, or other intellectual property right of the Disclosing Party, nor will this Agreement grant the Receiving Party any rights in or to the Confidential Information of the Disclosing Party, except as expressly set forth in this Agreement.

20. RELATIONSHIP BETWEEN PARTIES:

Nothing in this Agreement or in any matter or any arrangement contemplated by it is intended to constitute a partnership, association, joint venture, fiduciary relationship or other cooperative entity between the parties for any purpose whatsoever. Neither party has any power or authority to bind the other party or impose any obligations on it and neither party shall purport to do so or hold itself out as capable of doing so.

21. UNPULISHED PRICE SENSITIVE INFORMATION (UPSI)

agrees and acknowledges that_____, its Partners, employees, representatives etc.,by virtue of being associated with RailTel and being in frequent communication with RailTel and its employees, shall be deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trading) Regulations, 2015 and shall be bound by the said regulations while dealing with any confidential and/ or price sensitive information of RailTel. shall always and at all times comply with the obligations and restrictions contained in the said regulations. In terms of the said regulations_____shall abide by the restriction on communication, providing or allowing access to

any Unpublished Price Sensitive Information (UPSI) relating to RailTel as well as restriction on trading of its stock while holding such Unpublished Price Sensitive Information relating to RailTel

22. **MISCELLANEOUS**.

This Agreement constitutes the entire understanding among the Parties as to the Information and supersedes all prior discussions between them relating thereto. No amendment or modification of this Agreement shall be valid or binding on the Parties unless made in writing and signed on behalf of each Party by its authorized representative. The failure or delay of any Party to enforce at any time any provision of this Agreement shall not constitute a waiver of such Party's right thereafter to enforce each and every provision of this Agreement. In the event that any of the terms, conditions or provisions of this Agreement are held to be illegal, unenforceable or invalid by any court of competent jurisdiction, the remaining terms, conditions or provisions hereof shall remain in full force and effect. The rights, remedies and obligations set forth herein are in addition to, and not in substitution of, any rights, remedies or obligations which may be granted or imposed under law or in equity.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the date set forth above.

By Name: RailTel Corporation India Limited:

Title: By Name :

Witnesses: Title:

7.11 ANNEXURE 11 - PRE -BID AGREEMENT

(To be executed in presence of public notary on non-judicial stamp paper of the value of Rs. 200/-. The stamp paper has to be in the name of the BA)

This Pre-Bid Agreement (the "**Agreement**") is made at New Delhi on this_____Day of (month) 2025.

BETWEEN

 M/s. RailTel Corporation Of India Limited, (CIN: L64202DL2000GOI107905) a company registered under the Companies Act 1956, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower-2, East Kidwai Nagar, New Delhi India – 110 023 and Southern Regional office at 1-10-39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad-500 016 (hereinafter referred to as **"RailTel"** which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) of the **FIRSTPART. AND M/s. _XXXX_** , (CIN:_____) a company registered under the Companies Act 1956, having _its registered office at and its Corporate Office located at_____(hereinafter referred to as "_XXXX_" which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) of the **SECOND PART.**

RailTel and_____shall be hereinafter individually referred to as "**Party**" And collectively as "**Parties**. "**Whereas**,

A) RailTel is a "Mini Ratna (Category-I)" CPSU of Ministry of Railways, having exclusive right of way along Indian Railways and has created an OFC backbone and associated transport and network infrastructure to provide carrier class telecom services. RailTel has Unified License issued by DoT to provide a range of telecom services. RailTel also has two tier III certified data centres at Secunderabad and Gurugram. RailTel has created a slew of digital services like cloud, hosting, hosted Video Conferencing service, Aadhar Services, Content delivery platform, WIFI as a service etc. RailTel has strong capabilities in managing telecom infrastructure, MPLS network infrastructure, data centre services like as (Infrastructure as a Service) and PaaS (Platform as a Service).

B) _____(DETAILS OF SECOND PART)

C) RailTel had floated an **EOI No: _dated_____pursuant to the RFP floated by End Customer for"__ for End Customer Organization for agreed Scope of Work"(hereinafter referred as "The said work/project/tender"),** and subsequently, based on the offer submitted by M/s XXXX towards the RailTel's EOI, M/s XXXX has been selected by RailTel as Business Associate for the said Project.

D) RailTel is in the process of participating in the tender issued by end customer, complete details of which have deliberately not been shared with XXXX and XXXX has waived its right to get the RFP document of end customer owing to confidentiality concern raised by the end customer. However, a limited scope of work on 'need to know basis and as detailed in clause 1.7 below, which will be carried out by XXXX has been shared with XXXX and based on the representation of "XXXX" that "XXXX" has read the said limited Scope of Work and has understood the contents thereof and that "XXXX" has sufficient experience to execute the said limited and defined scope of work, the Parties have mutually decided to form a " Business association" wherein RailTel shall act as the "Bidder" and "XXXX" shall act as the "business associate" in terms of the said Tender and in accordance to the terms agreed hereunder;

E) RailTel shall submit Rupees YYYY as BG against pre integrity pact at the time of submission of bid as an Integrity Pact bank guarantee to end customer and accordingly "XXXX" shall submit Rupees ZZZZ as BG of pre integrity pact on back- t o - b a c k basis to RailTel before final submission of the said bid to end customer. **(This is applicable on cases to case basis as per CIAL requirement. May please read in conjunction of the current RFP.)**

F) Party hereby acknowledges that RailTel has received Rs. /- (Rs._____) from M/s XXXX as per the Terms and conditions of EOI no. dated_____.

G) The Parties are thus entering into this Agreement to record the terms and conditions of their understanding and the matters connected therewith.

RailTel has agreed to extend all the necessary and required support to "XXXX" during the entire contract period.

NOW, THEREFORE, in consideration of the mutual covenants set forth herein it is hereby agreed by and between the Parties hereto as under:

1. **SCOPE OF CO-OPERATION**

1.1. Parties have agreed to form a "business association" to co-operate with each other on an exclusive basis with respect to execution of the said Project.

1.2. It has been further agreed between the Parties that Parties shall not bid individually for the said Project nor shall they enter into any arrangement with other parties for the purpose of bidding for the said Project during the validity of this Agreement.

1.3. The Parties also agree that the terms of the said EOI for limited and defined scope of work along with the Corrigendum's issued thereafter shall apply mutatis-mutandis to this Agreement.

1.4. The Parties further agree that they shall, enter into a 'Definitive Agreement' containing elaborate terms and conditions, role and responsibilities and respective scope of work of this Agreement after declaration of RailTel as the successful bidder of the said Project.

1.5. RailTel shall submit the PBG amounting Rs. XXXXX, earnest money deposit / EMD declaration (whichever is applicable) and performance bank guarantee to **End customer** and accordingly "XXXX" shall submit to RailTel, BG amounting to Rs._____ as the earnest money deposit. Further, XXXX shall also pay the performance bank guarantee in proportionate to the extent of its defined scope of work.

1.6. RailTel may further retain some portion of the work mentioned in the end organization's RFP, where RailTel has competence so that overall proposal becomes most winnable proposal.

XXXX agrees, undertakes and acknowledges that following shall be Scope of Work of XXXX out of the total project work.:

2. Technical Terms – As per CIAL/RCIL document

3. **TERM AND TERMINATION**

3.1. This Agreement shall come into force as of the date of signing and shall continue to be in full force and effect till the complete discharge of all obligations, concerning the carrying out of the said Project, except terminated earlier by the Parties in terms of this Agreement or in terms of the said project, whichever is applicable.

3.2. This Agreement can be terminated by either Parties forthwith in the event of happening of the following events:

(a) End customer announces or notifies the cancellation of the said Project and / or withdrawing the said RFP.

(b) The receipt of an official communication that End customer chooses not to proceed with RailTel for the said Project or RailTel is not short listed by End customer.

(c) Material breach of any of the terms and conditions of this Agreement by either of the Parties and the same is not rectified by the defaulting Party beyond 15 (fifteen) days (ora reasonable time period as mentioned under the notice issued by the other Party) from the date of receipt of notice from the other Party to cure the said breach.

3.3. Parties agree and understand that as of the execution of this Agreement they are contractually bound and obligated to perform the services, obligations and the scope of work entrusted, should RailTel be declared as the successful bidder of the said Project. Any Party shall not withdraw its participation subsequent to execution of this Agreement, at any point in time except in case of material breach of any of the terms of the Agreement.

3.4. In case "XXXX" breach the terms of Agreement i.e. defaulting party in such case the balance unsupplied quantity or service shall be completed by RailTel i.e. non-defaulting party and cost for completion of that balance unsupplied quantity or service of such defaulting party shall be executed by RailTel at the risk and cost of such defaulting party.

4. **Liability**:

It is understood that the parties are entering into this pre-bid teaming agreement for requirement of submission of bid against the RFP floated by end customer for Implementation of Network Security System and Integration for end

Customer Organization. Parties acknowledge and agree that "XXXX" shall be completely liable for the successful execution of this project, in relation to its defined scope of work (as detailed in clause 1.7 above), fully complying the end customer requirements. Accordingly, it is agreed that notwithstanding anything contained in the RFP document, "XXXX" shall be liable to RailTel with regard to its obligations and liability to complete the agreed and defined scope of work as detailed in clause 1.7 above.

5. EXCLUSIVITY

Parties agree to co-operate with each other for the purpose of the said Project on an exclusive basis with respect to applying for, submitting and execution of the said Project including providing of technical demo, proof of concept for the agreed and defined scope of work.

6. PAYMENT TERMS

The payment terms between the parties shall be only on receipt of payment from end customer.

7. TAXES

Parties agrees that they will comply with the Indian Income Tax Act in force from time to time and pay Indian Income Tax, as may be imposed / levied on them by the Indian - Income Tax Authorities, for the payments received by them for the Project under this agreement and any other taxes, cess, surcharge, etc. for their respective scope of works;

8. INDEMNIFICATION

8.1 Parties agree to and undertake to indemnify and hold each other, its officers, directors, agents and employees harmless, from and against any and all claims, demands, causes of action, losses, damages, costs and expenses (including attorney's reasonable fees, costs of investigation and defence) arising out of or resulting from any claim, action or other proceeding (including any proceeding by any of the indemnifying party's employees, agents or contractors) based upon:

i. any breach or contravention of any of the terms, conditions, covenants of this Agreement by the Party;

ii. Unethical business practices;

iii. any acts or omission of the Party and/ or any of its employees, agents or contractors, and the liability for damages to property arising from or out of party operations in connection with the performance of this agreement;

iv. any claim for taxes that might arise or be imposed due to this performance of Services hereunder;

v. any representation or warranty or information furnished by the Party being found to be false;

vi. Parties failure to pay all applicable compensation to its respective personnel;

vii. death or personal injury to any person;

viii. destruction or damage to any property by acts or omissions of either Party, its representatives or personnel;

ix. any violation/non-compliance by the Party with any applicable laws governmental regulations or orders;

x. any third-party liability;

xi improper handling or misuse of the Confidential Information of the Party(ies) by the Party

8.2 XXXX shall be liable to all risks and consequences (including the risk of payments) suffered in the performance of services under the Project and undertakes to indemnify RailTel from and against any non-payments (of RailTel's share payable to RailTel), recoveries and claim from End Customer or any other cost or losses incurred due to default/non-performance on part of XXXX.

9. COMPLIANCES TO STATUTORY OBLIGATIONS

9.1. Parties shall also obtain and keep in place necessary insurance policies, Mediclaim policies, group insurance schemes of adequate value to cover their workmen, supervisors, etc. with regard to any accidents, injury or the liability under the Employee Compensation Act.

9.2.   Parties shall observe and be responsible for the compliance of all labour laws (including labour cess) as per government notifications and shall maintain necessary records for the same and shall submit the same to RailTel when so required.

9.3.   Parties shall duly maintain all records / registers required to be maintained by them under various labour laws mentioned above and shall produce the same before the concerned Statutory Authorities whenever required and called upon to do so.

10.   LEGAL STATUS

This Agreement constitutes a contractual relationship and shall relate solely to the Project and shall not extend to other activities or be construed to create a corporation, body corporate, partnership or any other form of legal entity.

11.   REPRESENTATIONS AND COVENANTS

11.1.   Each Party represents and warrants to the other Party as follows:

11.1.1. That it has full capacity, power and authority and has obtained all requisite consents and approvals to, enter into and to observe and perform this Agreement and to consummate the transactions contemplated hereunder. Each of the Persons / personnel executing this Agreement on behalf of the each of the Parties have full capacity and authority to sign and execute this Agreement on behalf of the respective Parties;

11.1.2. The execution, delivery and consummation of, and the performance by it, of this Agreement shall not conflict with, violate, result in or constitute a breach of or a default under, (a) any contract by which it or any of its assets or properties, are bound or affected, and/or (b) its constitutional documents;

11.1.3. This Agreement constitutes its legal, valid and binding obligations, enforceable against it, in accordance with their terms under Applicable Statutory Law(s);

11.1.4. It has the right, authority and title to execute this Agreement;

12. SUBCONTRACTING BETWEEN PARTIES

If a Party subcontracts certain supplies or services pertaining to its scope of work to the other party, then the resulting relationship between such parties shall be governed by a separate subcontract. This Agreement shall not in any way be affected thereby except as stated otherwise in this Agreement

13. GOVERNING LAW AND JURISDICTION

The construction, validity and performance of this Agreement shall be governed in all respects by the Laws of India. The Parties hereby submit to the exclusive jurisdiction of the Indian courts at Delhi only.

14. GOOD FAITH NEGOTIATION AND DISPUTE RESOLUTION

The parties shall, at the first instance, attempt to resolve through good faith negotiation and consultation, any difference, conflict or question arising between the parties hereto relating to or concerning or arising out of or in connection with this agreement, and such negotiation or consultation shall begin promptly after a Party has delivered to another Party a written request for such consultation.

In the event of any dispute, difference, conflict or question arising between the parties here to, relating to or concerning or arising out of or in connection with this agreement, is not settled through good faith negotiation or consultation, the same shall be referred to arbitration by a sole arbitrator.

The sole arbitrator shall be appointed by CIAL/RailTel out of the panel of independent arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and

any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the parties.

15.   FORCE MAJEURE

"Force Majeure Event" shall mean any event beyond the reasonable control of the affected Party including acts of God, fires, earthquakes, strikes, pandemic, epidemics, lock down, and labour disputes, acts of war or terrorism, civil unrest, economic and financial sanctions, or acts or omissions of any Governmental Authority occurring on or after the Signature Date.

No Party shall be liable to the other if, and to the extent, that the performance or delay in performance of any of its obligations under this Agreement is prevented, restricted, delayed or interfered with, due to a Force Majeure Event. The Party affected by Force Majeure Event shall promptly inform the other Party in writing and shall furnish within 30 (thirty) days thereafter, sufficient proof of the occurrence and expected duration of such Force Majeure Event. The Party affected by Force Majeure Event shall also use all reasonable endeavours to mitigate the negative effects of such Force Majeure Event on such Party's ability to perform its contractual obligations. In the event of a Force Majeure Event, the Parties shall immediately consult with each other in order to find an equitable solution and shall use all reasonable endeavours to minimise the consequences of such Force Majeure Event. The occurrence of a Force Majeure Event shall however, not relieve a Party of any obligation to pay any sum due under this Agreement prior to the occurrence of the Force Majeure Event. If the Force Majeure lasts for more than 6 (six) months, the Parties may mutually decide in writing on the future course of action with respect to this Agreement.

16. INTELLECTUAL PROPERTY RIGHTS

16.1. Each Party shall remain the sole owner of all industrial or intellectual property rights, Technical Data, Know-How, designs, specifications and the like, generated or acquired before the signature, or beyond the scope of this agreement.

16.2.   Each Party shall remain the sole owner of all industrial or intellectual property rights, technical data, know-how, design specifications and the like generated solely by that Party during the course of the performance of this agreement and shall not be free to used it by the other party and if the other party uses that intellectual property rights prior permission shall be taken with paying necessary fees for such rights.

16.3. In case of joint development, the work-share and associated ownership of intellectual property of each Party shall be mutually agreed upon and defined in advance in the definitive agreement for the specific program. However, should any invention be jointly made by the Parties in the performance of this agreement, without neither Party being in a position to reasonably claim the ownership of said intellectual property right, the said right shall be jointly owned by the Parties and the corresponding measures of protection for both Parties of the said right as may be practicable shall be mutually agreed by both Parties and cost for such registration of such right shall be borne by the parties proportionately as per the ownership of the rights.

16.4 As on date, Parties confirms that there are no infringements of any Intellectual Property Rights of the products contemplated under this agreement, in accordance with the laws prevailing in the country.

16.5. The Parties undertake and confirm that the Technology / Knowhow / Design owned by each of them and intended to be put into use for execution of various Projects pursuant to this agreement has been originally developed by each of such Parties. The Parties are entitled to all the Intellectual Property Rights in Technology / Knowhow / Design intended to be put into use for execution of various Projects and no third-party Intellectual Property Rights have been put in to use either in their original or modified form without proper authorisation of such third party. The Parties further vouchsafes that the foregoing undertaking is actuated by truth and accuracy and no misrepresentation is being put into use for inducing each other to enter into this agreement.

17.   CONFIDENTIALITY

17.1. During the term of this agreement, either party may receive or have access to technical information, as well as information about product plans and strategies, promotions, customers and related non-technical business in formation which the disclosing party considers to be confidential ("Confidential Information as per RFP tender document"). In the event Confidential Information is to be disclosed, the Confidential Information must be marked as confidential at the time of disclosure, or if disclosed orally but stated to be confidential, and be designated as confidential in writing by the disclosing party summarizing the Confidential Information disclosed and sent to the receiving party within thirty (30) days after such oral disclosure.

17.2. Confidential Information may be used by the receiving party only with respect to the performance of its obligations under this Agreement, and only by those employees of the receiving party and its subcontractors who have a need to know such information for purposes related to this Agreement, provided that such subcontractors have signed separate agreements containing substantially similar confidentiality provisions. The receiving party must protect the Confidential Information of the disclosing party by using the same degree of care to prevent the unauthorized use, dissemination or publication of such Confidential Information, as the receiving party uses to protect its own confidential information of like nature.

17.3. The obligations is not applicable to any information which is:

17.3.1. Already known by the receiving party prior to disclosure;

17.3.2. Publicly available through no fault of the receiving party;

17.3.3. Rightfully received from a third party without being responsible for its confidentiality;

17.3.4. Disclosed by the disclosing party to a third party without being responsible for its Confidentiality on such third party;

17.3.5. Independently developed by the receiving party prior to or independent of the disclosure;

17.3.6. Disclosed under operation of law;

17.3.7. Disclosed by the receiving party with the disclosing party's prior written approval.

17.4. XXXX agrees and acknowledges that XXXX, its Partners, employees, representatives etc. by virtue of being associated with RailTel and being in frequent communication with RailTel and its employees, shall be deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trading) Regulations, 2015 and shall be bound by the said regulations while dealing with any confidential and/ or price sensitive information of RailTel. XXXX shall always and at all times comply with the obligations and restrictions contained in the said regulations. In terms of the said regulations, XXXX shall abide by the restriction on communication, providing or allowing access to any Unpublished Price Sensitive Information (UPSI)relating to RailTel as well as restriction on trading of its stock while holding such Unpublished Price Sensitive Information relating to RailTel

17.5 Notwithstanding anything contained in this agreement, XXXX undertakes, agrees and acknowledges that being RailTel's Business Associate, XXXX shall maintain utmost confidentiality in relation to said Project. XXXX further, undertakes that any information relating to said Project which is or will be disclosed/ divulged by RailTel on need to know basis, will be received and treated by XXXX as strictly confidential and XXXX shall not, without the prior written consent of the RailTel or as expressly permitted herein, disclose or make available to any other person such information.

18.   **NOTICES**

Notices, writings and other communications under this Agreement may be delivered by hand, by registered mail, by courier services or facsimile to the addresses as set out below:

To RailTel Corporation Of India Limited

To: RailTel Corporation of India Ltd

Attn: Executive Director / Southern Region

Address:1-10-39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad-500016 No.: +91-40-27788000

To XXXX

To: XXXX

Kind Attn: _____ Address: _____ Mob.   No.:

Email:

19.   AMENDMENT

No amendment or modification or waiver of any provision of these presents, nor consent to any departure from the performance of any obligations contained herein, by any of the Parties hereto, shall in any event be valid and effective unless the same is in writing and signed by the Parties or their duly authorized representative especially empowered in this behalf and the same shall be effective only in respect of the specific instance and for the specific purpose for which it is given.

20.   PRIOR UNDERSTANDING

This Agreement contains the entire Agreement between the Parties to this Agreement with respect to the subject matter of the Agreement, is intended as a final expression of such Parties' agreement with respect to such terms as are included in this Agreement is intended as a complete and exclusive statement of the terms of such agreement, and supersedes all negotiations, stipulations, understanding, Agreements, representations and warranties if any, with respect to such subject matter, which precede or accompany the execution of this Agreement.

21. GENERAL

21.1. Binding Effect:

This Agreement shall be binding upon and inure to the benefit of the Parties here to and their respective legal successors.

21.2.   Counterpart:

This Agreement may be executed simultaneously in 2 (two) counterparts, each of which shall be deemed to be original and all of which together shall constitute the same Agreement.

21.3. Non-Partnership:

21.3.1.   This Agreement shall be on a principal-to-principal basis and shall not create any principal- agent relationship between the Parties.

21.3.2.   Nothing in this Agreement shall be deemed to constitute a partnership or joint venture between the Parties or otherwise entitle either Party to have an authority to bind the other Party for any purpose.

21.4.   Severability:

In the event any provision of this agreement is held invalid or un-enforceable by a court of competent jurisdiction, such provision shall be considered separately and such determination shall not invalidate the other provisions of this agreement and annexure/s which will be in full force and effect.

21.5.   Waiver:

A failure by any Party to exercise or enforce any rights conferred upon it by this Agreement shall not be deemed to be a waiver of any such rights or operate so as to bar the exercise or enforcement thereof at any subsequent time.

21.6.   Time is of essence:

Time is the essence of this agreement and the Parties herein agree and acknowledge to abide by the same.

22.   Miscellaneous

22.1. No Party to this agreement will have any rights or obligations arising from or in relation to this agreement in excess of those rights and obligations expressly declared herein.

22.2. No Party to this agreement is entitled to sell, assign or otherwise transfer any of its rights and/or obligations arising from or in relation to this agreement to any third party, without the prior written consent of the other Party of this agreement.

22.3. Each Party shall be solely responsible for its own actions or failures to act and for its own commitments and undertakings. Neither Party shall present itself as the representative or agent of the other Party, nor shall it have the power or the authority to commit the other Party, unless it receives the other Party's prior written consent.

22.4. No release shall be made by any Party to the news media or the general public relating to this agreement and/or the subject matter thereof without prior written approval of the other Party.

22.5. During the term of this agreement, each party shall refrain from taking any action or attempt to take any action with the intent of impairing or causing prejudice to the business relationship, whether existing or prospective that subsists between the other party and its customers and business partners. Each party shall also desist from inducing or influencing or attempting to induce or influence any customer or business partner, whether existing or prospective of the other party, resulting into prejudice or detriment to business prospects of the other party.

Furthermore, Parties shall not compete with or cause detriment to the business prospects of each other by making use of confidential information, whether in its embodied or disembodied form, shared pursuant to this agreement.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the day and year first above written.

For RailTel Corporation Of India Limited   For XXXX

Authorised Signatory   Authorized Signatory
Name: N a m e
Designation: Designation:

In Presence of witness
 Signature: Signature:
 Name: Name:
Address: Address:

7.12 ANNEXURE 12 FORMAT FOR AFFIDAVIT TO BE UPLOADED BY BA ALONGWITH THE EOI DOCUMENTS

(To be executed in presence of Public notary on non-judicial stamp paper of the value of Rs. 200/-The paper has to be in the name of the BA) **

I_____ (Name and designation) ** appointed as the attorney/authorized signatory of the BA (including its constituents), M/s (hereinafter called the BA) for the purpose of the EOI documents for the work of _____ as per the EOI No.

of (RailTel Corporation of India Limited), do hereby solemnly affirm and state on the behalf of the BA

including its constituents as under:

1. I/we the BA (s), am/are signing this document after carefully reading the contents.

2. I/we the BA(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.railtelindia.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 BA) ** and all my/our constituents understand that my/our constituents understand that my/our offer shall be EMD 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.

VERIFICATION   SEAL AND SIGNATURE OF THE

                                                                                              DEPONENT

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 SIGNAURE OF THE BA

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

Signature of Bidder ……………………….
Name: …………………………………….
Designation …...
Place: …………………………….…
Date: ………………………………….

Seal of BA Organization