RAILTEL CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking)

Expression of Interest for Selection of Partner from Empaneled Business Associate for EXCLUSIVE PRE-BID TEAMING ARRANGEMENT

For

Design, Supply, Implement & Maintain "CCTV Surveillance System".

EOI No: RailTel/EOI/COMKTG/EB/CCTV/2021-22 dated 06th Jan 2022

EOI NOTICE

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

EOI Notice No: EOI No: RCIL/EOI/CO/MKT/EB/CCTV/2021-22 Dated 06th Jan 2022

RailTel Corporation of India Ltd., (here after referred to as "RailTel") invites EOIs from RailTel's Empaneled Partners for the selection of suitable partner as Exclusive pre bid teaming arrangement for **Design**, **Supply**, **Implement & Maintain "CCTV Surveillance System"**.

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	11 th Jan 2022 at 15:00 Hours
2	Opening of Technical Bid of EOIs	11 th Jan 2022 at 15:15 Hours
3	Number of copies to be submitted for scope of work	One
4	EOI fees inclusive tax (Non-refundable)	Rs. 5,000/-
5	EMD for Pre-Bid Arrangement	Rs. 2,00,000/-

The EMD should be in the favor of RailTel Corporation of India Limited payable at Delhi through online bank transfer. Partner need to share the online payment transfer details like UTR No. date and Bank along with the proposal.

RailTel Bank Details: Union Bank of India, Account No. 340601010050446, IFSC Code - UBIN0534064.

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

Level:1 Contact: Anish Singh Gusain

Position: AGM/EB

Email: anishgusain@railtelindia.com

Contact: +91-9717644491

Level:2 Contact: Shashidhar Uppal

Position: Jt. GM/EB

Email: shashi uppal@railtelindia.com

Level: 3 Contact: Sanjeev Kumar

Position: GM/EB

Email: sanjeev.k@railtelindia.com

Note:

- 1. Empaneled partners are required to submit soft copy of technical packet through an e-mail at eoi.ebco@railtelindia.com, duly signed by Authorized Signatories with Company seal andstamp.
- 2. The EOI response is invited from eligible Empaneled Partners of RailTel only.
- 3. All the document must be submitted with proper indexing and page no.
- 4. This is an exclusive pre RFP partnership arrangement with empaneled business associate of RailTel for participating in the end customer RFP. Selected partner's authorised signatory has to give an undertaking they will not submit directly or indirectly their bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to prospective organization by RailTel). This undertaking has to be given with this EOI Response.
- 5. **Transfer and Sub-letting**. The Business Associate has no right to give, bargain, sell, assign or sublet orotherwise dispose of the Contract or any part thereof, as well as to give or to let a third partytake benefit or advantage of the present Contract or any part thereof.

1. Introduction about RailTel

RailTel Corporation of India Limited (RailTel), an ISO-9001:2000 organization is a Mini Ratna Government of India undertaking under the Ministry of Railways. The Corporation was formed in Sept 2000 with the objectives to create nationwide Broadband Telecom and Multimedia Network in all parts of the country, to modernize Train Control Operation and Safety System of Indian Railways and to contribute to realization of goals and objective of national telecom policy 1999. RailTel is a wholly owned subsidiary of Indian Railways.

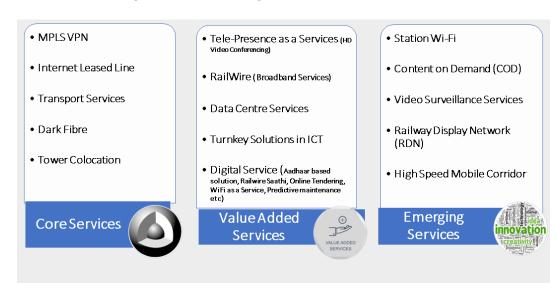
RailTel has approximately 60000 kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon and Secunderabad hosting / collocating critical applications. RailTel is also providing Telepresence as a Service (TPaaS), where a High Definition Video Conference facility bundled with required BW is provided as a Service.

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. These regions are further divided into territories for efficient working. RailTel has territorial offices at Guwahati, & Bhubaneswar in East, Chandigarh, Jaipur, Lucknow in North, Chennai & Bangalore in South, Bhopal, and Pune & Ahmedabad in West. Various other territorial offices across the country are proposed to be created shortly.

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):

Licenses & Service portfolio:

Presently, RailTel holds Infrastructure Provider -1, National Long Distance Operator, International Long Distance Operator and Internet Service Provider (Class-A) licenses under which the following services are being offered to various customers:



a) Carrier Services

- National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state
 of the art NGN based network through its Interconnection with all leading Telecom Operators
- Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth& above
- Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
- Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's

b) Enterprise Services

- Managed Lease Line Services: Available for granularities from E1, DS-3, STM-1 & above
- MPLS VPN: Layer-2 & Layer-3 VPN available for granularities from 2 Mbps& above
- Dedicated Internet Bandwidth: Experience the "Always ON" internet connectivity at your fingertips in granularities 2 Mbps to several Gbps
- c) DATA CENTER Infrastructure as a services (IaaS), Hosting as Services, Security operation Centre as a Service (SOCaaS): RailTel has MeitY empaneled two Tier-III data centres in Gurgaon & Secunderabad. Presently RailTel is hosting critical applications of Indian Railways, Central & State government/ PSUs applications. RailTel will facilitate Government's applications / hosting services including smooth transition to secured state owned RailTel's Data Centers and Disaster Recovery Centres. RailTel also offers SOC as a Service 'SOCaaS'. In addition, RailTel offers VPN client services so that employees can seamlessly access government's intranet, applications securely from anywhere without compromising security.
 - National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state
 of the art NGN based network through its Interconnection with all leading Telecom Operators
 - Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth& above
 - Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
 - Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's
- d) High-Definition Video Conference: RailTel has unique service model of providing high definition video conference bundled with Video Conference equipment, bandwidth and FMS services to provide end to end seamless services on OPEX model connecting HQ with other critical offices. RailTel also offers application-based video conference solution for employees to be productive specially during this pandemic situation.

e) Retail Services - RailWire

RailWire: Triple Play Broadband Services for the Masses. RailTel has unique model of delivering broadband services, wherein local entrepreneurs are engaged in delivering &

maintaining broadband services and upto 66% of the total revenues earned are shared to these local entrepreneurs in the state, generating jobs and revitalizing local economies. On date RailTel is serving apprx 4,00,000 subscribers on PAN Indian basis. RailTel can provide broadband service across—Government PSU or any organization's officers colonies and residences.

2. Project Background and Objective of EOI

RailTel intends to participate in RFP floated end Customer organization for Design, Supply, Implement & Maintain "CCTV Surveillance System"..

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

3. Scope of Work

The scope of work will be as mentioned in the end Customer organization RFP for **Design**, **Supply**, **Implement & Maintain "CCTV Surveillance System" Vide No. GEM /2021/B/1684933 dated 18.11.2021 with latest amendment/ Corrigendum/ Clarifications.**

The broad scope of work is provided below for reference: -

S.No.	Component type	Deliverable description
1	Camera	Implementation of CCTV surveillance system in the identified locations of end customer organization • 1110 total number of cameras in 385 locations. • Fixed Camera: 730, PTZ Camera: 200, ANPR cameras: 180
2	Network	 Between field camera locations and Data Center Between DC and Z3Cs Between DC and respective viewing centres (D3Cs - 23) From Camera to Data Centre - connectivity having Avg. 5 Mbps/Camera bandwidth as per the proposed camera solution. From Data Centre to Command Centres (Z3Cs) – Dedicated connectivity – up-to 2 Gbps bandwidth depending on live view and analytics of number of cameras. From Data Centre to Z3Cs (DPHQ/SSP Office - 19 Districts/Locations) – Dedicated connectivity – 19 No's of 160 Mbps bandwidth packet at each D3C location. Between DC and other locations as needed Note: The above bandwidth requirement is tentative. Service Provider can quote more or less than indicative bandwidth based on their actual solution requirements

S.No.	Component type	Deliverable description		
3	Data Center	 Setting up of Data Center at SDC facility of end customer organization on a co- location model. Scope would include installation and commissioning of various Hardware Component's (Storage, security, Network and Compute) along with required Software applications. 		
4	Storage	 Centralized Architecture – Apart from the local storage of video feeds in storage card within Camera, the camera feeds will also be stored at the Data Centre Regular data to be stored upto 30 days, alert videos for 90 days and critical incidents data will be stored upto 1 year in Data Centre. 		
5	Zonal Viewing Centers	 Z3C locations of end customer organization, PCR Office Each Z3C (Z3Cs) will have simultaneous viewing capability for about 30% of all cameras It will have workstations It will have Video Wall comprising of video wall Panels 		
6	Video Analytics	 Al based Video Intelligence Platform FRS (centralised) ANPR (LPU based) Video Analytics Use Cases (5 Nos) Crowd Gathering Object Identification (Colour) & Tracking Object left behind / unidentified object Object classification like Car, Motorcycle etc (Vehicle related only) Stone Pelting Video Synopsis/summary 		
7	Integration of the existing system	 Integration of existing cameras: Integration with existing surveillance systems and surveillance feeds (Viz 401 cameras in the locations of end customer organization as and when the feeds are made available for integration. Service Provide shall provide VMS licences needed for viewing the feeds. 		

S.No.	Component type	Deliverable description	
8	Field components	Industrial Switch (for Outdoor Environment) Industrial Router (for Outdoor Environment) Voltage regulator OFC (Optical Fibre Cable Network) Self-supported tower – truss based, Poles with cantilevers/arms/ Octagonal / Gantry etc. UPS with 6-hour backup, a proper earthing, electrical grid supply and meter. The Service Provider shall undertake the required underground cabling following the guideline of electricity department Outdoor equipment enclosure to install all field level component Camera housing with all accessories like heat sink, camera enclosure, monkey/ bird spikes etc. Earthing, surge protector and other protective devices GI/SS cage for cameras for physical protection (5 Sided) Safety awareness stickers, signages	
9	Training and SoPs	Preparation and training of SoPs for all relevant stakeholders in the project	
10	Other Features	Preparation and training of SoPs for all relevant stakeholders in the project A. Storage: Centralized Architecture — storage of video feeds in storage card within Camera, the camera feeds will also be stored at the Data Centre for 30 Days at full HD resolution @18fps. The camera feeds of flagged/evidence/incident case will be stored centrally in the Data Centre of all cameras in full HD for 60 days. Critical incidents data will be stored for 365 days or permanently in Data Centre as per requirement B. Video Intelligence platform: C. IT Equipment Servers, Network storage, Workstations, Switching and routers at Data Centre. Only Viewing Centre at every Z3Cs/DPHQ/SSP Office and additional viewing center The surveillance data of each camera shall be stored in storage located at Data Centre, monitored and analyzed at the centralized Command and Control Centre (Z3Cs) to be established as part of this project.	

The above scope of work is indicative and the detailed scope of work is given in the end customer tender documents with latest amendments and 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 some portion of the work mentioned in the end organization RFP, where RailTel has competence so that overall proposal becomes most winnable proposal.

4. Response to EOI guidelines

4.1 Language of Proposals

The proposal and all correspondence and documents shall be written in English in soft copy through an email.

4.2 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 bidder or Business Associate or without any obligation to inform the affected bidder or bidders about the grounds for RailTel's action.

4.3 EOI response Document

The bidder 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 bidder's risk and may result in rejection of its bid without any further reference to the bidder.

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

4.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 180 days from the date LOI issued by the end Customer organization for which bid is going to submit.

4.5 Bidding Process

The bidding process as defined in para 4.10 & 6.

4.6 Bid Earnest Money (EMD)

- **4.6.1** The Business Associate shall furnish a sum as given in EOI Notice via online transferfrom any scheduled bank in India in favour of "RailTel Corporation of India Limited" along with the offer. This will be called as **EOI EMD.**
- 4.6.2 Offers not accompanied with valid EOI Earnest Money Deposit shall be summarily rejected.
- 4.6.3 In case of Business Associate's offer is selected for bidding, a BA has to furnish Earnest Money Deposit (for balance amount as mentioned in the customer's Bid asand if applicable) for the bid to RailTel. The selected Business Associate 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.

- 4.6.4 **Return of EMD for unsuccessful Business Associates:** EOI EMD of the unsuccessful Business Associate shall be returned without interest after completion of EOI process.
- 4.6.5 **Return of EMD for successful Business Associate:** EOI-EMD & Earnest Money Deposit (balance proportionate EMD) if applicable and Integrity Pact BG of the successful bidder 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. 4.7) from BusinessAssociate whichever is later.
- 4.6.6 Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD) and or Penal action asper EMD Declaration:
- 4.6.6.1 The EOI EMD may be forfeited and or penal action shall be initiated if a BusinessAssociate withdraws his offer or modifies the terms and conditions of the offer during validity period.
- 4.6.6.2 In case of non-submission of SD/PBG (as per clause no. 4.7) lead to forfeiture of EOI EMD, EMD (balance proportionate EMD) if applicable and Integrity Pact BG and or suitableaction as prescribed in the EMD Declaration shall be initiated as applicable.
- 4.7 Security Deposit / Performance Bank Guarantee (PBG)
- 4.7.1 In case the bid is successful, the PBG of requisite amount proportionate to the agreed scope of the work will have to be submitted to RailTel.
- 4.7.2 As per work share arrangements agreed between RailTel and Business Associate the PBG will be proportionately decided and submitted by the selected Business Associate.

4.8 Last date & time for Submission of EOI response

EOI response must be submitted to RailTeI at the email address specified in the preamble not later than the specified date and time mentioned in the preamble.

4.9 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 Business Associate shall be allowed to withdraw the response after the last date and time for submission.

The successful Business Associate will not be allowed to withdraw or back out from the response commitments. In case of withdrawal or back out by the successful business associate, the Earnest Money Deposit shall be forfeited and all interests/claims of such Business Associate shall be deemed as foreclosed.

4.10 Details of Financial bid for the above referred tender

Business Associate meeting eligibility criteria and securing **highest score in evaluation criteria** (**Annexure-A**) will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

In case if there are Two or more Business Associate meeting eligibility criteria and securing equal marks in the evaluation criteria, then price bid will be sought from these BA s in the second stage for the given scope of the work and BA with overall lowest (L1) offer will be selected for exclusive pre bid arrangement for optimizing technical and commercial solution.

The final bid for the tender will be prepared jointly with the selected Business Associate so that the optimal bid can be put with a good chance of winning the Tender.

4.11 Clarification of EOI Response

To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the Business Associate 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.

4.12 Period of Association/Validity of Agreement

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

5. Eligibility Criteria for Bidding Business Partner of RailTel

S	Bestiandara	Criteria for Tender Package		
No.	- Particulars	(Mandatory Compliance & Document Submission)		
A)	Financial Conditions			
i)	BA should be registered under Companies Act, 1956 or Companies Act 2013 or as amended and should have at least 3 years of operations in India as on bid submission date. The bidder should have been in operation in the video surveillance domain for at least 3 years as on date of submission.	 Certificate of Incorporation GST Registration PAN Card Documentary evidence in the form of Order/Agreement/ MOU etc 		
ii)	BA individually should have a minimum cumulative annual turnover of Rs 200 Cr during the last three financial years & current year (i. e. FY 2018-19, FY 2019-20, FY 2020-21).	Accountant Certificate should contain LIDIN no		
iii)	BA should also have a positive net worth & be profitable in the last 3 financial years (i. e. FY 2018-19, FY 2019-20, FY 2020-21).			
B)	Technical Conditions			

S		Criteria for Tender Package		
No.	- Particulars	(Mandatory Compliance & Document Submission)		
iv)	Business Associate should have executed /executing any project in J&K state.	Documentary evidence such as Certificate from Customer for satisfactory services/supply/Payments along with Customer's purchase orders/ work orders etc for completed / ongoing project.		
	BA should have credential of executing similar projects, (IT/ITes/CCTV), for the following value, in last 7 year:	Documentary evidence such as Certificate from Customer for satisfactory services/supply along with Customer's purchase orders/ work orders etc of completed / ongoing project mentioning the completed value of the project.		
(v)	1) Single project of Rs. 68 Cr OR			
	2) Cumulative value of Rs. 92 Cr from two projects OR	Note: In case of ongoing project that value of completed work shall be considered as project value.		
	Cumulative value of Rs. 114 Cr from Three projects			
vi)	The BA shall have at least 40 technical personnel on its payroll.	Undertaking from authorized signatory or HR Head of the Company on its letter head.		
vii)	The BA should have ISO-9001, ISO-27000, ISO- 20000 & CMMi-Level 3 or 5	Supporting documents		
C)	Annexures			
viii)	Annexure 1	Covering Letter: Self-certification duly signed by authorized signatory on company letter head.		
ix)	Annexure 2	The Bidder should agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted.		
		Self-certification duly signed by authorized signatory on company letter head.		
x)	Annexure 3	An undertaking signed by the Authorized Signatory of the company to be provided on letter head. The Bidder should not have been blacklisted/debarred by any Governmental/Non-Governmental Organization in India as on bid submission date.		
xi)	Annexure-4	Format for Affidavit to be uploaded by BA along with the tender documents.		
xii)	i) Annexure-5 Non-disclosure agreement with RailTel			

S	Porticuloro	Criteria for Tender Package	
No.	Particulars	(Mandatory Compliance & Document Submission)	
xiv	Power of Attorney	Power of Attorney and Board Resolution in favour of one of its employees who will sign the Bid Documents.	
xv	Additional Documents to be Submitted	Technical Proposal with overview of the project with strength of the Partner.	
D)	Annexure- 6 (Financial Bid)	Financial Bid will be sought separately from only selected BA/ BAs.	

6. Bidder's Profile

The bidder shall provide the information in the below table:

S. No.	ITEM	Details
1.	Full name of bidder'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 of the bidder's organization as a whole, 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 tender	
5.	Name, designation and full address of the person dealing with the tender to whom all reference shall be made regarding the tender enquiry. His/her telephone, mobile, Fax and email address	
6.	Bank Details (Bank Branch Name, IFSC Code, Account number)	
7.	GST Registration number	

7. Evaluation Criteria

- 7.1 The Business Associates are first evaluated on the basis of the Eligibility Criteria asper clause 5 above.
- 7.2 The Business Associate who fulfills the Eligibility criteria of Bidding BA shall be further evaluated on the basis of Technical Evaluation as per Annexure -A.
 - 7.3 The Business Associate with **securing highest marks** in Evaluation Criteria (Annexure-A) will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.
 - 7.4 In case if there are two or more Business Associate meeting eligibility criteria and securing equal marks in the evaluation criteria, then the price bids will be sought from these BA s in the second stage for the given scope of the work and BA with overall lowest (L1) offer will be selected for exclusive pre bid arrangement for optimizing technical and commercial

solution.

- 7.5 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 Business associate as per RailTel policy for shortlisting partner against this EOI.
- 7.6 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.
- 7.7 A bidder who claims that its offered products benefit from Make India Policy shall submit the forms/affidavits/certificates as prescribed by PPP-MII order and subsequent notifications/orders from Nodal Ministries (As per the revised "Public Procurement (Preference to Make in India), Order 2017", circulated by the Department of Promotion of Industry and Internal trade (DPIIT), Ministry of Commerce & Industry, Govt. Of India vide Order No. P-45021/2/2017-PP (BE II) dated 04.06.2020 and revised order dated 16.09.2020 will be applicable). Benefits of Make India products in the technical evaluation shall be as per above mentioned policy.

8. Payment terms

- 8.1 RailTel shall make payment to selected Business Associate after receiving payment from Customer for the agreed scope of work. In case of any penalty or deduction made by customer for the portion of work to be done by BA, same shall be passed on to Business Associate.
- 8.2 All payments by RailTel to the Partner will be made after the receipt of payment by RailTel from end Customer organization.

9 SLA

The selected bidder will be required to adhere to the SLA matrix as defined in the end Customer organization tender for his scope of work and the SLA breach penalty will be applicable proportionately on the selected bidder, 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 proportionately based on its scope of work.

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.

Annexure-A

All eligible empaneled business partners who fulfil the minimum eligibility conditions of the EOI shall be further evaluated on a total score of 100. The evaluation matrix consisting of the following parameters for each indicated vertical:

A) Evaluation Criteria: (100 Marks)

S. No	Criteria / Category	Evaluation Criteria Details	Max Marks	Required Supporting Documents
1	Turnover / Bidders Profile	Cumulative annual turnover from the BA over the last three financial years. Marks shall be allotted as given below: • More than Rs. 400 Cr. = 25 marks • More than Rs. 300 Cr to 400 Cr = 20 marks • More than Rs. 200 Cr. to 300Cr = 15 marks	25	Copy of Annual report / Certificate from the Statutory Auditor/CA on turnover details over the last three (3) financial years
2	Work Experience	The Partner should have executed/Executing ICT/ITeS/CCTV Turnkey project (Cumulative value of maximum 2 Projects) for Indian State / Central Government. Marks shall be allotted as given below: • More than Rs. 100 Crs = 15 marks • Between Rs. 90 Cr. to 100 Cr. = 10 marks • Between Rs. 68 Cr. to 90 Cr. = 5 marks In case of ongoing project that value of completed work shall be considered as project value.	15	Purchase Order / Agreement copy and completion certificate from customer.
2	Work Experience in J&K	The Partner should have executed/Executing (ICT/ITeS/CCTV) projects/Orders in J&K State for Indian State / Central Government. Marks shall be allotted as given below: 3 or more Projects: 10 marks 2 Projects: 7 marks 1 Project: 5 marks In case of ongoing project that value of completed work shall be considered as project value.	20	Purchase Order / Agreement copy and completion certificate from customer.
3	Technical Manpower	Technical Manpower on Company roles: 150 and above – 10 Marks	10	Self-Certification from authorized /HR Head of the organization.

S. No	Criteria / Category	Evaluation Criteria Details	Max Marks	Required Supporting Documents
		75 and above 150 – 5 Marks 50 and above upto 75- 3 Marks		
4	OEM Tie -up	BA should have tie up with following OEM of as per Prequalification requirement of end customer RFP:	30 (break-up mentioned in the)	Supporting document to ascertain a) OEMs proposed are complying with the criteria – credentials of OEM b) tie up of BA with proposed OEMs-MAF/Authorisation form
	9.1.1.1 Fixed Camera	i) Experience OEM in implementing surveillance projects for State /Central Government/PSUs in India or abroad for more than 5000 Cameras in single project > 5000 camera in single project > 5000 camera in single project 3 > 2000 camera in single project > 1000 camera in single project 1 ii) Camera OEM with experience of successfully completing / phase completion surveillance project in India for police/Paramilitary / Defense with cameras working in harsh/difficult environment similar to J&K 2 projects (temperature less than -10degrees C) 1 iii) PTZ camera to support wiper/vibrator for removal of snow 1	8 (4+3+1)	

S. No	Criteria / Category	Evaluation Criteria Details	Max Marks	Required Supporting Documents
	b) VMS OEM	VMS OEM should had (completed or on-going) Safe of projects / Smart city projects other deployments in last 5 year in India with a minimum 10 cameras-	ty / rs	
		7 projects or more 4 4-6 Projects 3 min 3 projects 2		
	c) The Switches / Routers OEM	,	3 (2+1) M D rs ie	
	d) The storage OEM	The storage OEM shall had deployments of 5 PB storage any Government/PSU with mulcity implementation with centralised Storage in last 5 years as on bid submission date- 2 projects 4 1 projects 2	in ti- th	
	e) The Web Application Firewall, Server Load Balancer and	The Web Application Firewa Server Load Balancer and An DDOS OEMs shall have minimulated deployments in last 5 years as a bid submission date with a	ri- m 3 on	

S. No	Criteria / Category	Evaluation Criteria Details	Max Marks	Required Supporting Documents
	Anti-DDOS OEMs	Government/PSU in India- 5 projects: 5 projects 3 3 projects 2		
	f) AI based Video Analytics platform	Al based Video Analytics platform must have experience with government bodies in India in last 3 years- 3 or more projects with 4 use cases each 3 or more projects with 4 use cases each 2 2 projects with 4 use cases each 1	2	
	g) ANPR/Facial Recognition OEM	ANPR/Facial Recognition OEM should have experience in implementation of ANPR/FRS cameras in a single project (completed or on-going) with / for State / Central Government / PSU departments in India or abroad: More than 250 FRS cameras and more than 5 projects with ANPR more than 250 FRS cameras and more than 5 projects with ANPR a 100 to 250 FRS cameras and more than 3 projects with ANPR 1.5 Or Facial Recognition OEM should have experience of implementing FRS System in surveillance projects (Completed or On-going) with / for State /Central Government / PSU departments in India or abroad: 2 or more projects 3 1 project 1.5	3	
	h) Class-I/ II Local supplier	Bidder who qualify as "Class-I local supplier" as per details shared and undertaking provided – 3 Marks	3	

S. No	Criteria / Category	Evaluation Criteria Details	Max Marks	Required Supporting Documents
		Bidder who qualify as "Class- II local supplier" as per details shared and undertaking provided – 1 Marks		
			100	

COVERING LETTER (To be on company letter head) Eol Reference No: Date: To, RailTel Corporation of India Ltd. Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023 Dear Sir, SUB: Participation in the EoI process Having examined the Invitation for EoI document bearing the reference number released by your esteemed organization, we, undersigned, hereby acknowledge the receipt of the same and offer to participate in conformity with the said Invitation for EoI document. If our application is accepted, we undertake to abide by all the terms and conditions mentioned in the said Invitation for EoI document. We hereby declare that all the information and supporting documents furnished as a part of our response to the said Invitation for EoI document, are true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us, our EoI is liable to be rejected. We hereby Submit EMD amount of Rs. _____issued vide _____from Bank _____. **Authorized Signatory**

Annexure 1: Format for COVERING LETTER

Name Designation

Annexure 2: Format for Self-Certificate & Undertaking

Self-Certificate (To be on company letter head)	
Eol Reference No:	Date:
To,	
RailTel Corporation of India Ltd. Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023	
Dear Sir.	

Sub: Self Certificate for Tender, Technical & other compliances

1)	Having examined the	Technical	specifications	mentioned	in th	his EOI	& end	customer	tender,	we
	hereby confirm that we	meet all s	specification.							

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

- 7) We understand and agree that RailTel is intending to select a BA who is willing to accept all terms & conditions of end customer organization's RFP for the agreed scope of work. RailTel will strategies to retain scope of work where RailTel has competence.
- 8) We hereby agree to submit that in case of being selected by RailTel as BA for the proposed project (for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
- 9) We hereby undertake to sign Pre Bid Agreement, Pre-Contract Integrity Pact and Non-Disclosure Agreement with RailTel on a non-judicial stamp paper of Rs. 100/- in the prescribed Format.

Authorized Signatory

Name & Designation

Annexure 3: Undertaking for not Being Blacklisted/Debarred

<on company="" head="" letter=""></on>
То,
RailTel Corporation of India Ltd Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023
Subject: Undertaking for not Being Blacklisted/Debarred
We, Company Name , having its registered office at Address
hereby declares that that the Company has not been blacklisted/debarred by any
Governmental/ Non-Governmental organization in India for past 3 Years as on bid submission date.
Date and Place
Authorized Signatory's Signature:
Authorized Signatory's Name and Designation:
Bidder's Company Seal:

Annexure 4: Format of Affidavit

	AT FOR AFFIDAVIT TO BE UPLOADED BY BA ALONGWITH THE EOI DOCUMENTS
•	executed in presence of Public notary on non-judicial stamp paper of the value of Rs. 100/
The pa	per has to be in the name of the BA) **
cianat	I (Name and designation)** appointed as the attorney/authorized bry of the BA (including its constituents),
_	(hereinafter called the BA) for the purpose of the EOI
docum	ents for the work of as per the EOI No.
aooan	of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the
behalf	of the BA including its constituents as under:
	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 offer shall be summarily rejected.
8.	I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action

provided in the contract including banning of business for five years on entire RailTel.

DEPONENT SEAL AND SIGNATURE OF THE BA

VERIFICATION

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

DEPONENT

SEAL AND SIGNAURE OF THE BA

Place:

Dated:

^{**}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.

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement (this " <u>Agreement</u> ") is made and entered into on this day of, 2021 (the " <u>Effective Date</u> ") 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, (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 " <u>Disclosing Party</u> ") to the other Party (each Party, in such receiving capacity, the " <u>Receiving Party</u> ") 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 " <i>Representatives</i> ") 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; <u>provided</u>, <u>however</u>, 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 unauthorised 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.
- **Cooperation.** Receiving Party will immediately give notice to Disclosing Party of any unauthorized use or disclosure of the Information of Disclosing Party.
- **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.			
	 :		
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. <u>No Definitive Transaction</u>. The Parties hereto understand and agree that no contract or 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 "<u>Final Agreement</u>"), 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.
- c) The sole arbitrator shall be appointed by CMD/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.

14. 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.

15. 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.

16. 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.

17. 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

18. 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.

19. RELATIONSHIP BETWEEN PARTIES:

Information by such persons or entities.

partnership, association, joint venture, fiducia any purpose whatsoever. Neither party has	iny arrangement contemplated by it is intended to constitute a ry relationship or other cooperative entity between the parties for any power or authority to bind the other party or impose any rt to do so or hold itself out as capable of doing so. ATION (UPSI)
of being associated with RailTel and being in be deemed to be "Connected Persons" within 2015 and shall be bound by the said regular information of RailTel shall alw contained in the said regulations. In terms of on communication, providing or allowing accommunication.	, its Partners, employees, representatives etc., by virtue frequent communication with RailTel and its employees, shall the meaning of SEBI (Prohibition of Insider Trading) Regulations, tions while dealing with any confidential and/ or price sensitive ways and at all times comply with the obligations and restrictions the said regulations, shall abide by the restriction coess to any Unpublished Price Sensitive Information (UPSI) ding of its stock while holding such Unpublished Price Sensitive
Information and supersedes all prior discussions of this Agreement shall be valid or binding on the Party by its authorized representative. The failuthis Agreement shall not constitute a waiver of sof this Agreement. In the event that any of the tillegal, unenforceable or invalid by any court provisions hereof shall remain in full force and effective statements.	titutes the entire understanding among the Parties as to the between them relating thereto. No amendment or modification be Parties unless made in writing and signed on behalf of each re or delay of any Party to enforce at any time any provision of uch Party's right thereafter to enforce each and every provision erms, conditions or provisions of this Agreement are held to be of competent jurisdiction, the remaining terms, conditions or fect. The rights, remedies and obligations set forth herein are in remedies or obligations which may be granted or imposed under
IN WITNESS WHEREOF, the Parties have:	ve executed this Agreement on the date set forth above. RailTel Corporation of India Limited:
By Name: Title:	By Name: Title:
Witnesses	

Annexure -6: Financial Bid Format

Annexure 6.1: Financial Bid Format – Summary

	FINANCIAL SUMMARY									
S.no	Particulars		Implementation	AMC* (Year 1 – Post Go Live)	AMC** (Year 2- Post Go Live)					
1	Field Infra	Rs.								
2	Viewing Centre	Rs.								
3	Data Centre									
3.1	Software Components	Rs.								
3.2	Hardware Components	Rs.								
4	Z3C Srinagar	Rs.								
5	Z3C Jammu	Rs.								
6	NIL									
7	Manpower Cost	Rs.								
8	Mis (Electricity & Meter Connection)	Rs								
Gran	d Total. (Without Taxes)	Rs.								
Total Taxes @		Rs.								
Grand	d Total with applicable Taxes	Rs.								
In Words:										

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

^{**}AMC for Year 2 include Phase I and Phase II post their respective Go-Live

Annexure 6.2: Financial Bid Format (Breakdown of Cost Components)

TABLE 1: FIELD INFRA
(All prices to be inclusive of taxes and in INR only)

cameras, junction box and

accessories

S.no	Description	Uni t	Quantity	Unit Rate	Total Rate	Taxes/ Levies/ Duties etc.	AMC* (Year 1 Post Go- Live)	AMC** (Year 2 Post Go- Live)	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(I)	J = (E+F+G+H+I)
1	IP Fixed Camera (4MP) including all accessories	Nos	730							
2	IP PTZ Camera (4MP) including all accessories	Nos	200							
3	IP ANPR Camera (4MP) including all accessories	Nos	180							
4	Local Processing Unit for ANPR with all required accessories	Nos	110							
5	IR Illuminator	Nos	910							
6	Self-Supporting tower 70 to 100 feet including all accessories for mounting of all required		210							

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Taxes/ Levies/ Duties etc.	AMC* (Year 1 Post Go- Live)	AMC** (Year 2 Post Go- Live)	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
7	Octagonal Pole (15 metre) with extended arm (cantilever type) including all accessories for moutning of all required cameras, junction box and accessories	Nos.	125							
8	Gantry (20 - 25) meter metre) including all accessories for moutning of all required cameras, junction box and accessories		50							
9	Router Cum Firewall	Nos.	385							
10	Industrial Switch (PoE) with all required accessories	Nos.	385							
11	Servo based Voltage regulator 2 KVA	Nos.	385							
12	Industrial Online UPS (1KVA) with 6 hours power backup with health monitoring at CCC		385							
13	Outdoor Junction Box suitable size to accommodate all	Nos.	385							

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Taxes/ Levies/ Duties etc.	AMC* (Year 1 Post Go- Live)	AMC** (Year 2 Post Go- Live)	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(I)	J = (E+F+G+H+I)
	required field infra including components for structured cabling									
14	OFC Armoured 6 core	mtrs.	38,500							
15	Cat-7 STP Outdoor	mtrs.	38,500							
16	HDPE 40mm	mtrs.	38,500							
17	GI Pipe 32mm	mtrs.	19,250							
18	Chemical Earthing at each pole location	nos.	385							
19	Fully Loaded LIU with fiber patch cords	nos.	385							
20	Splicing	nos.	385							
21	ROW/RI Charges	Set	385							
22	Misc. (including all required accessories for successful installation & commissioning of the field level components)	Set	385							
23	GI/SS Net enclosure (Cage) for CCTV	Nos.	385							
24	Civil Work	lot	385							
25	Misc									

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Taxes/ Levies/ Duties etc.	AMC* (Year 1 Post Go- Live)	AMC** (Year 2 Post Go- Live)	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
	Total									

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

^{**}AMC for Year 2 include Phase I and Phase II post their respective Go- Live

TABLE 2: VIEWING CENTRE - D3C (All prices to be inclusive of taxes and in INR only)

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* (Year 1 – Post Go Live)	AMC** (Year 2 – Post Go Live)	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
1	Workstation 22" monitor single monitor	Nos.	38							
2	LED 55" with all mounting accessories (24*7)	Nos.	38							
3	L2 switches	Nos.	19							
4	Router Cum Firewall	Nos.	19							
5	9U Rack	Nos.	19							
6	Table with chair (Set of two for each site)	Nos	38							
7	UPS 3KVA with 2 hours backup	Nos.	19							
8	Misc									
	Total									

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

 $[\]ensuremath{^{**}}\mbox{AMC}$ for Year 2 include Phase I and Phase II post their respective Go- Live

TABLE 3: DATA CENTRE

(All prices to be inclusive of taxes and in INR only)

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go Live	AMC** Year 2 – Post Go Live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
SOFT	WARE COMPONENTS	•		T			T			
1	VMS Software	Nos.	1,150							
2	VMS software - for Existing cameras	Nos.	410							
3	VMS Base License	set	1							
4	Video Intelligence Platform and Video synopsis Platform	Lot.	1							
5	Video synopsis Platform	Lot.	56							
6	Advanced Video Analytics for 5 Use cases	Nos.	250							
7	FRS Video Analytics	Nos.	200							
8	C&C Software License including GIS map & integration	Set	1							
9	Database server and Web server software	set	2							
10	End Point Protection	set	1							
11	Mobile Application	set	1							
12	EMS Software	Set	1							
13	Backup solution	Set	1							
14	Misc								-	

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go Live	AMC** Year 2 – Post Go Live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
HARE	DWARE COMPONENTS	1	T	T	T	T	1	1	T	
13	AAA(Software)/ Multifactor Authentication / Network Behavior Analysis	Set	1							
14	GPU Server	Nos.	12							
15	Non-GPU server with Virtualization software, with OS	Nos.	6							
16	Internet Router	Nos.	2							
17	NGFW with	Nos.	2							
18	IPS and IDS	Nos.	2							
19	Web Access Firewall	Set	1							
20	Anti DDoS	Set	2							
21	MPLS Router	Nos.	2							
22	L2 Access Switches	Nos.	3							
23	Core Switches	Nos.	2							
24	Unified Storage CCTV (30 days) 2 Peta bytes and Storage CCTV for alert videos (90 days)	Lot	1							
25	SAN Switch	Nos.	2							
26	Server/Network Rack	Nos.	5							
27	Server Load Balancer	Lot	1							

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 - Post Go Live		AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
28	Misc.	Lot	1							
	Total									

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

^{**}AMC for Year 2 include Phase I and Phase II post their respective Go-Live

TABLE 4: Z3C (Jammu)
(All prices to be inclusive of taxes and in INR only)

S.n o	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go Live	AMC ** Year 2 – Post Go live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
1	Video Wall (6*2) 70" Video Wall	Nos.	1							
2	Operator Workstation with graphic card with 22" (dual Monitor)	Nos.	10							
3	Joystick	Nos.	10							
4	UPS 30KVA with 1-hour Backup	Nos.	2							
5	42U Rack	Nos.	2							
6	Access (L2 Switches)	Nos.	2							
7	Router cum firewall	Nos.	2							
8	Servo 50 KVA	Nos.	2							
9	IP Phones with IPBPX System	Nos.	10							
1	Streaming Server	Nos.	2							
1	LT Panel	Nos.	1							
1 2	Electrical work (Wiring, Raceways, MCB, JB etc) @ Rs 900 Per sq. ft for 2000 sq. feet area approx.	Nos.	2,000							
1 3	Fire Suppression Units (Extinguisher/Cylinders) for 2000 sq. feet area (Co2 and Triple agent based)	Nos.	1							
1	Fire Detection System	Nos.	1							

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go Live	AMC ** Year 2 – Post Go live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(I)	J = (E+F+G+H+I)
15	Access control with software	Nos.	1							
16	PAGA System	Nos.	1							
17	Duct able Ac for 2000 sq. feet area	Nos.	1							
18	Diesel generator	Nos.	1							
19	ICCC Setup with furniture, chair, wall paneling, Rodent repellent, false ceiling and lightings	Nos.	1							
20	Communication Gateway for IPBX Telephony	Lot.	1							
21	Mis	Lot								
	Total									

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

^{**}AMC for Year 2 include Phase I and Phase II post their respective Go- Live

TABLE 5: Z3C Srinagar

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go -Live	AMC** Year 2 – Post Go - Live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
1	Video Wall (6*2) 70" Video Wall	Nos.	1							
2	Operator Workstation with graphic card with 22" (dual Monitor)	Nos.	10							
3	Joystick	Nos.	10							
4	UPS 30KVA with 1-hour Backup	Nos.	2							
5	42U Rack	Nos.	2							
6	Access (L2 Switches)	Nos.	2							
7	Router Cum Firewall	Nos.	2							
8	Servo 50 KVA	Nos.	2							
9	IP Phones with IPBPX System	Nos.	10							
10	Streaming Server	Nos.	2							
11	LT Panel	Nos.	1							
12	Electrical work (Wiring, Raceways, MCB, JB etc) @ Rs 900 Per sq. ft for 2000 sq. feet area approx.	Nos.	2,000							
13	Fire Suppression Units (Extinguisher/Cylinders) for 2000 sq. feet area (Co2 and Triple agent based)	Nos.	1							

S.no	Description	Unit	Quantity	Unit Rate	Total Rate	Total Taxes/ Levies/ Duties etc.	AMC* Year 1 – Post Go -Live	AMC** Year 2 – Post Go - Live	AMC (Taxes / Duties etc)	Total Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	(G)	(H)	(1)	J = (E+F+G+H+I)
14	Fire Detection System	Nos.	1							
15	Access control with software	Nos.	1							
16	PAGA System	Nos.	1							
17	Duct able Ac for 2000 sq. feet area	Nos.	1							
18	Diesel generator	Nos.	1							
19	ICCC Setup with furniture, chair, wall panelling, Rodent repellent, false ceiling and lightings	Nos.	1							
20	Communication Gateway for IPBX Telephony	Lot.	1							
21	Mis	Lot								
	Total						_			

^{*}AMC for Year 1 include Phase I and Phase II post their respective Go-Live

^{**}AMC for Year 2 include Phase I and Phase II post their respective Go-Live

TABLE 6: MANPOWER

(All prices to be inclusive of taxes and in INR only)

S.no	Description	Unit	Quantity	Unit Rate (Implementation)	Total Rate	Total Taxes/ Levies/ Duties etc.	Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	G = (E+F)
1	Project Manager	Nos	1				
2	Surveillance Solution Architect	Nos	1				
3	Network Engineer	Nos	2				
4	Field staff (I&C)	Nos	38				
5	Help Desk Engineer	Nos	12				
6	Documentation Specialist	Nos	2				
	Total						

TABLE 6.1: MANPOWER

(All prices to be inclusive of taxes and in INR only)

S.no	Description	Unit	Quantity	Unit Rate (Year1)	Total Rate	Total Taxes/ Levies/ Duties etc.	Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	G = (E+F)
1	Project Manager	Nos	1				
2	Surveillance Solution Architect	Nos	1				
3	Network Engineer	Nos	2				
4	Field staff (I&C)	Nos	38				
5	Help Desk Engineer	Nos	12				
6	Documentation Specialist	Nos	2				
	Total						

TABLE 6.2: MANPOWER (All prices to be inclusive of taxes and in INR only)

S.no	Description	Unit	Quantity	Unit Rate (Year 2)	Total Rate	Total Taxes/ Levies/ Duties etc.	Amount
	(A)	(B)	(C)	(D)	(E)=(C*D)	(F)	G = (E+F)
1	Project Manager	Nos	1				
2	Surveillance Solution Architect	Nos	1				
3	Network Engineer	Nos	2				
4	Field staff (I&C)	Nos	38				
5	Help Desk Engineer	Nos	12				
6	Documentation Specialist	Nos	2				
	Total						