

EOI No: RCILNR-LKO0MKTG(EB)/8/2024/GST_LKO-O/o DGM/MKTG/LKO/RCIL/NR

Dt. 19-Aug -2024

To,

Dear SI Partner

Sub : Expression of Interest (EOI) for Selection of Systems Integrator & Implementation Partner for **“Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Patchings) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow”.**

Introduction:

With reference to above subject, RailTel Corporation of India Ltd. (RCIL) calls your attention for Selection of Systems Integrator & Implementation Partner for “Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Patching) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow”.

Details of section which are being called is as enclosed

1	Date of EOI Floating	19 th Aug, 2024
2	Last date for submission of Bids against EOI	23 rd Aug, 2024 at 15:00 Hours
3	Opening of Bids received against EOI	23 rd Aug, 2024 at 15:30 Hours
4	Number of copies to be submitted	Single Stage (One Packet System)
5	EOI document cost inclusive tax (non-refundable)	Nil
6	EOI processing fee inclusive tax (non-refundable)	As per Envida.
7	Estimated amount of EOI	Rs. 21,12,413/-(inclusive of Tax)
8	EMD for Pre-Bid Arrangement	Rs. 21,124/-
9	Bid Submission Mode	Online on https://railtel.enivida.com

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

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

EMD to be submitted in the form of DD/Enivida Portal only.

RailTel Bank Details for Submission of EMD : Union Bank of India, Account no. 307801010917906, IFSC Code: UBIN0530786. Demand Draft should be submitted in favor of RailTel Corporation of India Limited payable at New Delhi.

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

Contact Details for this EOI:

Level:1 Contact: Sh. Abhishek Singh, Sr. Manager/Marketing/Lucknow
Email: abhisheksingh@railtelindia.com Contact: +91-9717644293

Level:2 Contact: Sh. Vineet Kushwaha Position: DGM/Marketing/Lucknow
Email: vkushwaha@railtelindia.com Contact: +91-9717644444

Level:3 Contact: Sh. Pushpender: GM/Marketing/NR
Email: pushpenderkumar@railtelindia.com Contact: +91- 9871146592

- a. The rates should be inclusive of taxes, however, breakup of all the taxes charged by the BA/SI shall be shown separately. The BA/SI has to submit the breakup of all taxes at the time of submission of their “Tax invoices” also. The BA/SI has also to submit their GSTIN No. at the time of submissions of their “Tax invoices”. In addition to it, the BA/SI should submit copy of GSTIN registration certificate for the states wherever applicable. In case of the successful BA/SI is not liable to be registered under CGST/IGST/UTGST/SGST Act, the RailTel shall deduct the applicable GST from his/their bill under RCM and deposit the same to the concerned tax authority. Vendor should file GST return and transfer credit of GST in RailTel account as per GST procedure.
- b. The offers shall be opened on above said date, in the presence of those BA/SI, who choose to be present. If the above said date happens to be a holiday, the same shall be opened on the next working day.

1. Background Information:

- a. RailTel is providing BW connectivity to its user at various locations. As a part of service, “Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Patchings) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow” this Facilities is to be provided at customer location by RailTel for complete functioning of network.
- b. No information of this document or related to this work shall be shared with anyone without permission of RCIL.

2. Scope of Work:

The broad responsibility of the BA/SI under the scope of work for this EOI shall be as under:

- a) Supply of items conforming to specifications & requirements specified in EOI document & as per Schedule of Requirement i.e hereinafter called as “Network”.
- b) The BA/SI shall warrant that stores to be supplied shall be new and free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards of materials of the type ordered and shall perform in full conformity with the specifications. The BA/SI shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate quantity of material to meet equipment requirements, inadequate contract protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty.
- c) The BA/SI shall give warranty of materials supplied by them for a period of 1 year or as per OEM whichever is later from date of establishment and functioning of the network and acceptance of the customer of RailTel.
- d) If it becomes necessary for the BA/SI to replace any defective materials under the clause ‘c’, the provisions of the clause shall apply to the materials so replaced or renewed or until the end of the warranty period of 12 months from the receipt of material.
- e) Replacement under warranty clause shall be made by the BA/SI free of all charges at site including freight, insurance and other incidental charges.
- f) BA/SI may also need to provide the comprehensive AMC support for further period after the initial one-year warranty period. Initial One-year warranty will commence after acceptance of network by Customer of RailTel.
- g) **BA/SI shall provide one number of dedicated manpower at customer location for providing day to day support & maintenance services during warranty period.**
- h) **BA/SI Shall supply the required material preference to “Make in India”.**

3. Selection Criteria:

Stage -1 : Technical Bid contains following :-

S.No.	Type	Description	Document Required
1	Existence/ Origin	The company must be registered in India.	Certificate of Incorporation
2	General	The company must have: I. valid PAN card. II. Been registered with GST. III. has paid ITR for last 3 financial year ending 31 st March 2024. Incase ITR of FY-2023-24 is not filled, last 3 FY upto 31 st March 2023 shall be applicable.	I. Copy of PAN Card. II. Copy of GST registration certificate. III. Copy of ITR filed.

S.No.	Type	Description	Document Required
3	Turnover	The bidder must have cumulative turnover at least 150% of advertised EOI value in the last three financial year ending 31 st March 2024 and Up till 31 st July, 2024.	Balance Sheet/CA certificate
4	Net Worth	The bidder must have positive net worth in last 3 FY's ending 31 st March 2024, if not filled, last 3 FY upto 31 st March 2023 shall be applicable.	Balance Sheet/CA certificate
5	Experience	<p>The bidder must have executed similar work in last 7 years ending 31st July 2024, as</p> <ol style="list-style-type: none"> 1. One similar work of not less than 35% of advertised EOI value <p>OR</p> <ol style="list-style-type: none"> 2. Two similar works each of not less than 20% of advertised EOI value <p>OR</p> <ol style="list-style-type: none"> 3. Three similar works each of not less than 15% of advertised EOI value <p>of estimated value of contract.</p> <p>Definition of similar work: Works entailing completion of Supply, Installation, Testing and Commissioning of a project in the field of OFC laying/CCTV/VSS/Security Surveillance/IT/ICT/Cloud Deployment/Cloud Services /Software Development /Software Service/ Digitization Service/Facility Management Services/ Manpower Service/ Telecom/ MPLS/IBW/ WAN/ LAN/ Networking AMC/ Last Mile connectivity for any Government department or Public Sector Units or public listed companies.</p>	<p>Copy of PO and work completion certificate/ satisfactory performance certificate issued by customer / PO issuing authority.</p> <p>The bidder must provide details of a personnel for verification purpose at PO/ certificate issuing organization clearly mentioning name of client, designation, contact number and mail ID on bidder's letter head.</p>
6	Empanelment	Bidder must be empaneled with RailTel as business associate.	Copy of Empanelment letter and Empanelment PBG submitted, if any.

a. Stage-II :

Price bid as filled as Quoted in Amount. For the opened bid as per outcome of Stage-I above, the bidder 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 CoR, 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 'CSP')'. It is re-mentioned that the final selection of CSP will be on the L-1 basis only. Further, RailTel reserves the right to have negotiation with the CSP.

4. Duration of Engagement :

One Initial Year from the date of issue of LOA/work order, however same may be extended for AMC for three more years.

5. RCIL's Right to Accept/Reject Bids :

RCIL reserves the right to accept or reject any bid and annul the bidding process or even reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected BA/SI or BA/SIs or without any obligation to inform the affected BA/SI or BA/SIs about the grounds of rejection by RailTel.

6. Bidding Document

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

All pages of the EoI documents shall be signed in ink by the BA/SI including the closing page in token of his having studied the EOI document. Original copy of EOI document is also to be submitted along with the offer.

7. Bid Validity

Bids shall remain valid for a period of 180 days from the date of opening of the bids. RailTel shall at its own discretion reject a bid validity of shorter period.

8. Bid Currency

The prices in the bid document shall be expressed in Indian Rupees only and price figures quoted wherever will be considered as expressed in Indian Rupees only.

9. Performance Bank Guarantee (PBG) :

Successful BA/SI shall submit PBG equivalent to the 10% of total contract value, the same should be submitted within 30 days of issue of LOA/PO. PO shall be issued by the following mile stone:

- a. Supply, installation and commissioning of the network with a warranty of One Year (after the acceptance by the customer of RailTel). PBG shall remain valid for 3 Months after the **completion of work as per Scope of work.**

A separate advice of the BG will invariably be sent by the BG Issuing Bank to the RailTel's Bank through SFMS and only after this the BG will become acceptable to RailTel. It is therefore in interest of bidder to obtain RailTel Bank IFSC Code, Its Branch and address and advise these particulars to the BG Issuing Bank and request them to send advice of BG through SFMS to the RailTel's Bank.

The Performance Bank Guarantee shall be released after successful completion of the Contract, duly adjusting any dues recoverable from the successful BA.

10. Modification and/or Withdrawal of Bids :

Bids once submitted will be treated, as final and no modification will be permitted. No correspondence in this regard will be entertained.

No BA/SI shall be allowed to withdraw the bid after the deadline for submission of bids.

If successful BA/SI withdraw or back out from the bid commitments, the BG submitted in reference to empanelment, shall be forfeited and all interests/claims of such BA/SI shall be deemed as foreclosed/rejected.

11. Variation in Quantity Clause :

12.1 **Variation in Quantity:** RCIL reserves the right to reduce or increase the quantity of any item as mentioned in the Annexure-1 but not more than 25% of total items mentioned in EoI. Accordingly, total contract value may change on the basis of the rates defined in the price bid.

12. Negotiation:

RCIL reserves the right to negotiate with the successful BA/SI in order to make the bid competitive.

13. Payment Terms:

Payment will be back to back and as per the payment terms mentioned in agreement between RailTel and its customer.

Payment Towards "Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Patching) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow" may be released after successful acceptance of work and payment received from customer.

Payment shall be released as per the terms mentioned below:

- a) Invoice: Tax Invoice as per GST Provision.
- b) Tax Invoices shall have clear bifurcation of basic price and GST, indicating the break-up of the GST for availing GST Credit. The Tax Invoices shall be raised state wise based on place of service and supply, in the name of RailTel Corporation of India Ltd.

- c) All Tax Invoices raised should be serially numbered as per GST provision.
- d) GST No. of RailTel & Vendor should be mentioned on the face of the Tax Invoices. Vendor should comply with all provisions of CGST/SGST/UGST Act.
- e) Bill Passing Authority: Sr.DGM & TM/ Lucknow & Bill Paying Authority: Joint General Manager /Fin/NR/Delhi.
- f) Certificate for Fall Back Clause should be submitted.**
- g) All statutory taxes applicable as per the rules (if applicable) shall be deducted at source from your bills.
- h) All payment shall be made in Indian Rupees only.
- i) Installation / Performance certificate issued by customer of RailTel.
- j) Delivery Challan if any duly accepted by Consignee.
- k) Warranty certificate of OEM/Supplier as per warranty clause 3.
- l) All payments to be made directly to the BA/SI through Online payment mode. For this purpose, the Contractor shall submit details of Bank Account as per RailTel's standard format. RailTel shall be entitled to deduct Income Tax in case applicable and other taxes at source in accordance with the provision of Income Tax Act/other taxation laws as applicable from time to time. In case of deduction necessary TDS certificates shall be issued by RailTel.
- m) Labour cess on source cost will be deducted from the bills as per guideline of Govt. of India if applicable.
- n) Any deduction made by the customer of RailTel will be imposed on the BA/SI, on back to back basis.
- o) Valid Performance bank Guarantee (PBG).
- p) Inspection certificate issued by RCIL executive if any.

14. Restrictions on 'Transfer of Agreement' :

The successful BA/SI shall not assign or transfer its right in any manner whatsoever under the agreement to a third party or enter into any agreement for sub-contracting and/or partnership relating to any subject matter of the agreement to any third party either in whole or in any part i.e. no sub-contracting/partnership/third party interest shall be created with reference work/project assigned through this EoI.

15. Delivery Timeline:

Successful BA/SI have to complete the "Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Pitching's) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow" in all aspects within 60 days from the date of issuance of LOA.

16. Liquidated Damage (LD):

RCIL reserve the right to impose the LD in case of delay in supply attributable to RCIL at the rate of 0.5% per week or part thereof for delayed stores which the successful BA/SI has failed to deliver within the period agreed for delivery in the contract subject to maximum of 10% of the total PO value. In certain categories of procurement, LD can also be levied on the successful BA/SI of the store supplied partially within the scope of the order/contract that could not be put to use due to late delivery of the remaining stores.

17. Liability under Agreement/EoI:

Except as provided in the EoI document, neither party i.e. RCIL and successful BA/SI shall be liable to each other party or any other party by virtue of termination of the EoI for any

reason whatsoever for any claim for loss or profit or on account for any expenditure, investment, leases, capital improvements or any other commitments made by the other party in connection with their business made in reliance upon or by virtue of the EoI document.

18. Suspension, Revocation or Termination of agreement /EoI :

19.1 RailTel reserves the right to suspend the operation of the EoI, at any time, due to change in its own license conditions or upon directions from the competent government authorities, In such a situation, RailTel shall not be responsible for any damage or loss caused or arisen out of aforesaid action. Further, the suspension of the EoI will not be a cause or ground for extension of the period of the EoI and suspension period will be taken as period spent. During this period, no charges for the use of the facility of the successful BA/SI shall be payable by RailTel.

18.2. RailTel may, without prejudice to any other remedy available for the breach of any conditions of EoI, by a written notice of Three month issued to the Successful BA/SI at its registered office, terminate/or suspend the agreement under any of the following circumstances :

19.2.1 The successful BA/SI failing to perform any obligation(s) under the agreement.

19.2.2 The successful BA/SI failing to rectify, within the time prescribed, any defect as may be pointed out by RailTel

19.2.3 The successful BA/SI going into liquidation or ordered to be wound up by competent authority.

19.2.4 If the successful BA/SI is wound up or goes into liquidation, it shall immediately (and not more than a week) inform about occurrence of such event to RailTel in writing. In that case, the written notice can be modified by RailTel as deemed fit under the circumstances. RailTel may either decide to issue a termination notice or to continue the agreement by suitably modifying the conditions, as it feels fit under the circumstances.

19.2.5 It shall be the responsibility of the successful BA/SI to maintain the agreed Quality of Service, even during the period when the notice for surrender/termination of agreement is pending and if the Quality of Performance of Solution is not maintained, during the said notice period, it shall be treated as material breach liable for termination at risk and consequent of successful BA/SI and Performance Bank Guarantee submitted along with empanelment letter shall be forfeited, without any further notice. Also, the PBG submitted for the EoI in context shall be forfeited, without any further notice.

19.2.6 Breach of non-fulfilment of Agreement conditions may come to the notice of RailTel through complaints or as a result of the regular monitoring. Wherever considered appropriate RailTel may conduct an inquiry either suo-moto or on complaint to determine whether there has been any breach in compliance of the terms and conditions of the agreement by the successful BA/SI or not. The successful BA/SI shall extend all reasonable facilities and shall endeavour to remove the hindrance of every type upon such inquiry. In case of default by the selected BA/SI in successful implementation and

thereafter maintenance of work as per the conditions mentioned in the Scope of work and EoI, the PBG of successful BA/SI available with RailTel will be forfeited.

19. Dispute Settlement :

In case of any dispute concerning this order both the successful BA/SI and RailTel shall try to settle the same amicably through mutual discussion/negotiation. Any unsettled dispute shall be settled in terms of Indian Act of Arbitration and conciliation 1996 or any amendment thereof. Place of arbitration shall be New Delhi. Arbitrator shall be appointed by Chairman & Managing Director, RailTel Corporation of India Limited.

21. Force-Majeure under Agreement/EoI :

If at any time, during the continuance of this agreement, the performance in whole or in any part, by either party i.e RCIL and successful BA/SI, of any obligation under this is prevented or delayed, by reason of war, or hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, explosion, epidemic, quarantine restriction, strikes and lockouts (as are not limited to the establishments and facilities of the successful BA/SI, fire, floods, natural calamities or any act of God (hereinafter referred to as event), provided notice of happenings of any such event is given by the affected party to the other, within 21 Calendar days from the date of occurrence thereof, neither party shall, by reason of such event, be entitled to terminate the agreement, nor shall either party have any such claims for damage against the other, in respect of such non-performance or delay in performance. Provided service under the agreement shall be resumed as soon as practicable, after such event comes to an end or ceases to exist. The decision of RailTel as to whether the service may be so resumed (and the time frame within which the service may be resumed) or not, shall be final and conclusive. However, the force-majeure events noted above will not in any way cause extension in the period of the agreement.

22. Labour Laws to be complied by the successful BA/SI:

The successful BA/SI shall obtain a valid licence under the Contract Labour (RA) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The BA/SI shall also comply with the provisions of the Inter-State Migrant Work-men(Regulation of Employment and Conditions of Service) Act 1979. The successful BA/SI shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996. Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.

23. EoI Submission Details :

You are requested to submit complete 'Technical and Commercial Proposal' with all relevant documents over Kindly put your EoI Proposal & Copy of PBG in reference to empanelment in sealed envelope.

In reference to **the above**, Bid Proposal should consist of:

- a. Copy of PBG submitted to RailTel in reference to their empanelment letter. The PBG should be valid on the date of opening of bids for the EoI in context.
- b. Power of Attorney in favour of Authorised Signatory.

- c. Detailed, related and unambiguous literature citing (i) Solution proposed for supply, installation work (ii) Work Plan, approach and proposed methodology
- d. OEM authorization for the product/material supplied under EoI or self declaration by the BA/SI to supply the product material as per schedule of requirement.
- e. Price Bid in the format as per Annexure-1

***All pages of EoI Proposal should be serially numbered.**

The sealed envelope should bear below details on the face ;

On Top :EoI Proposal (Due Date & Time of Opening)

Subject : Expression of Interest (EOI) for Selection of Systems Integrator & Implementation Partner for “Electrical and network cable LAN Infrastructure (Supply and installation of Network Devices and Pitching’s) related work at the office Additional Commissioner CGST and central excise audit commissionerate, Vibhuti Khand, Gomti Nagar, Lucknow”.

RailTel Office Add :

**RailTel Corporation of India Ltd.
2nd floor Telephone Exchange NER DRM Office
Hazratganj Lucknow-226001**

Addressed to: Sh. Vineet Kushwaha Sr.DGM& TM//Lucknow)

24. Compliance to the EoI Document :BA/SIs should ensure compliance to all clauses of this EoI. Any deviation will lead to rejection of the EoI of BA/SI.

25. Contact Details

In case of any query/issue you may contact following officers.

S. No.	Officer Name	Designation	Mobile No.	E-mail ID
1	Sh. Vineet Kushwaha	Sr.DGM& TM/	9717644444	vkushwaha@railtelindia.com
2	Sh. Abhishek singh	Sr.Manager/LKO	9717644293	abhisheksingh @railtelindia.com

It is advised that queries may be raised through e-mail communication for unambiguous revert cum clarification.

**(Vineet Kushwaha)
Sr.DGM & TM /LKO**

Schedule of Requirement & Price BID

Ref: RCILNR-LKO0MKTG(EB)/8/2020-O/o DGM/MKTG/LKO/RCIL/NR Dt. 16-Aug -2020

ITEM Code 1:

Schedule of Requirement		
	<i>Total Cost of work (excl tax)</i>	<i>Rs.17,90,180.28/-</i>
	<i>Total Cost of work Incl. Tax</i>	<i>Rs. 21,12,413/-</i>
	<i>Total inclusive Taxes (in words)</i>	<i>Rupees Twenty One Lakh Twelve Thousand Four Hundred Thirteen only</i>

BA's offer.: " I/We hereby offer to do the work at following rates

In Figure	% Above/Below/At par the Schedule of rates
In Words	% Above/Below/At par the Schedule of rates

Note:- Above quoted rates are including all types of applicable taxes.

In case above/below/at par is not mentioned, it would be considered below.

1. The material should be supplied as per detailed schedule of requirement (Appendix-A) and preferable to "Make in India".
2. Total value quoted in words will be treated as final.
3. All figures should be in India Rupees (INR) only.
4. Tax breakup should be given by the bidder for each item separately.

Part-A(LAN Work)							
Sr	Item	Unit	Qty Installed	Additional Qty required	Total Qty	Rate	Amount
1	Manageable Gigabit Switch for control room 24 Port SFP 1G Port+4x1G SFP Ports	Nos.	1	0	1	₹ 75,450.90	₹ 75,450.90
2	Router (C-1111-4P or Equivalent)	Nos.	0	1	1	₹ 31,768.80	₹ 31,768.80
3	Firewall with 1 Year Licence	Nos.	1	0	1	₹ 91,335.30	₹ 91,335.30
4	Layer 2 Access Switch 24 Ports 10/100/1000Mbps +4x1G SFP Switch	Nos.	6	0	6	₹ 35,739.90	₹ 2,14,439.40
5	SFP (1GBIDI-20KM range)	Nos.	24	0	24	₹ 2,853.80	₹ 68,491.18
6	Wireless access point (Indoor)	Nos.	7	0	7	₹ 39,181.02	₹ 2,74,267.12
7	1G POE Injector	Nos.	0	7	7	₹ 1,588.44	₹ 11,119.08
8	PASSIVE COMPONENTS					₹ 0.00	
9	LIU-24 Port (Rack Mount, fully loaded)	Nos.	2	0	2	₹ 3,002.15	₹ 6,004.30
10	OFC Patch Cord, 1Mtr., SC-LC Type Patchcord- 1m	Nos.	36	0	36	₹ 90.87	₹ 3,271.49
11	Pigtails-1m Length	Nos.	36	0	36	₹ 90.87	₹ 3,271.49
12	CAT-6 UTP Patchcord, 1Mtr. CAT6 UTP 24 AWG PATCHCORD: 1M	Nos.	194	0	194	₹ 90.54	₹ 17,564.97
	CAT-6 UTP Patch Panel, (24port, fully loaded Patch Panel Cat-6 UTP Keystone Type-24 Port-Fully Loaded)	Nos.	12	0	12	₹ 1,866.42	₹ 22,397.00
13	Rack for First Floor Switches-24U Front Glass Door with Lock, 2 pairs of 19" Mounting Rails : Standard Accessories: -IU Cable Manager, Roof Mounted Fan Unit/90CFM/230VAC, 6-Way, 5-Amp Power Distribution Unit, Mounting Hardware solution	Nos.	1	0	1	₹ 22,238.16	₹ 22,238.16
14	SERVICES						
15	Splicing	Nos.	36	0	36	₹ 79.42	₹ 2,859.19
17	Fixing of I/O box	Nos.	194	0	194	₹ 158.84	₹ 30,815.74
						Total (A)	₹ 8,75,294.12
Part-B(Electrical/LAN wiring)							
Sr. No.	Description of Item	Unit	Qty Installed	Additional Qty reqd	Total Qty	Rate	Amount
1	63AMP Double Pole MCB (Supply and Installation)	Nos.	15	0	15	₹ 1,111.91	₹ 16,678.62
2	10A MCB Single Pole (Supply and Installation)	Nos.	80	0	80	₹ 536.10	₹ 42,887.88
3	Electrical Panel Board for 20 Number of 10A MCB Single Pole (Supply and Installation)	Nos.	6	0	6	₹ 3,176.88	₹ 19,061.28
4	Electrical Panel Board for 20 Number of 63AMP Double Pole MCB (Supply and Installation)	Nos.	1	0	1	₹ 4,765.32	₹ 4,765.32
5	Electrical socket 6A/16A (Combines) with switches at Each workstation by making wire looping (03 Each)	Nos.	119	0	119	₹ 644.91	₹ 76,743.89
6	Power cable 1.5s mm (180-meter Approx boxes)	Nos.	26	0	26	₹ 3,732.83	₹ 97,053.68
7	Power cable 1mm (180-meter Approx boxes)	Nos.	13	0	13	₹ 1,914.07	₹ 24,882.91
8	Power cable 10s mm	mtr.	800	0	800	₹ 111.19	₹ 88,952.64
9	Power cable 4sq mm (100-meter Approx)	mtr.	400	0	400	₹ 35.74	₹ 14,295.96
10	Supply of 25mm Conduit Pipe	mtr.	6500	0	6500	₹ 23.59	₹ 1,53,324.17
11	Fixing of Conduits.	mtr.	6500	0	6500	₹ 6.99	₹ 45,429.38
12	Installation and commissioning of Power cable wiring with Power point		119	0	119	₹ 317.69	₹ 37,804.87
13	CAT-6 UTP Cable (CAT-6 UTP 23 AWG)	Box.	30	0	30	₹ 5,622.44	₹ 1,68,673.27
14	Laying of UTP/Power cables in conduits	Box.	12278	0	12278	₹ 6.99	₹ 85,812.61
15	CAT-6 Single I/O with back box Jack CAT-6 Keystone UTP	Nos.	194	0	194	₹ 198.56	₹ 38,519.67
						Total (B)	₹ 9,14,886.16
						Total (A+B)	₹ 17,90,180.28
						PMC Charges 18%	₹ 3,22,232.45
						Total Incl GST	₹ 21,12,413

TECHNICAL SPECIFICATIONS

UTM/Firewall:

S.No.	Technical Specifications
1	Hardware Specification
1.1	Next-Gen Firewall appliance should have Dual core architecture and dedicated network process unit for better performance

1.2	Next-Gen Firewall appliance should have minimum preinstalled 8 x 1 GbE copper ports, 1 x 1 GbE SFP flexible to use any port as LAN, WAN, or DMZ ports, 1 x COM RJ45, 1 x Micro-USB
1.3	64 GB SSD or higher with local storage for logging, reporting and email quarantine purpose. In absence of local storage vendor can suggest external logging solution with storage capacity of 500 GB and above.
2	Performance Requirement
2.1	Next-Gen Firewall appliance should have minimum performance like Firewall throughput 6.5 Gbps, NGFW throughput 1 Gbps, IPS throughput 1.2 Gbps, Concurrent Connections 1.5 million, New Sessions Per Sec 40K, IPsec VPN throughput 3.5 Gbps, Threat Protection throughput 300 Mbps, SSL Inspection throughput 400 Mbps
2.2	Proposed firewall should have below feature
2.3	Should supports routing: static, default, multicast (PIM-SM) and dynamic (RIP, BGP, OSPF) and DoS attacks and port scan blocking
2.4	Proposed solution should have features like restricting network traffic from specific Country or Continent basis in firewall rule.
2.5	Proposed solution should have Advanced Threat Protection capability to Detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall.
2.6	Web protection feature should have URL Filter database with millions of sites across in categories and file type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.)
2.7	Proposed firewall should have control over application traffic based on category/individual application, characteristics, technology and risk level.
2.8	Gateway level Intrusion Prevention (IPS) should have high-performance with IPS deep packet inspection engine with selective IPS patterns for maximum performance and protection, should have 5000+ signatures and also provision to create custom IPS signatures
2.9	Should support Site-to-site VPN, Remote access VPN using pre-shared key & Certificate based, L2TP VPN, PPTP VPN, SSL VPN, IPsec on multiple operating system platforms with base license on firewall ie., without the need additional licenses for VPN client or firewall firmware image.
2.10	Must have SD-WAN capability and have feature to create SLA profile with Jitter, Latency, Packet Loss. And same should be demonstrated by OEM/Vender in post bid POC if requested.
2.11	Capable to inspect TLS1.1, TLS1.2 and TLS 1.3 inspection. If required bidders should showcase same
2.12	NGFW Firewall Should have Pre-defined dashboards for Traffic, Security, and User behaviour analysis report. Granular Web & Application usage reporting, Network & Threats (IPS, TP, Wireless), VPN, Email, Compliance like HIPAA, PCI, GLBA, CIPA reports and Export reports as HTML, PDF, Excel.
2.15	Should be able to enforce policy on certificate state (like invalid date, untrusted issuer, name mismatch etc.), protocol and cipher for deep packet inspection
2.16	Protection against Zero Day Threat, Sandboxing with behaviour and AI based analysis.
2.17	Able to authenticate users with local database and also capability to integrate active directory, LDAP server, RADIUS Server, TACACS+ Server and eDirectory, Built in Capability for Multi Factor Authentication for Users without any additional cost

2.18	One Year Subscription license for Firewall, Gateway Anti-Virus/ Anti-malware, DPI SSL, Web Filtering Service, App Control Service, Advanced Malware Protection, Sandbox Cloud Service, Botnet/C&C protection/ATP, Intrusion Prevention System (IPS), 24x7 support, security and software updates, adv. exchange warranty for the period.
3	Equipment/OEM should have following certifications, proof should be included as part of technical bid:
3.1	The NGFW Firewall OS family should be certified under security related functions EAL4+, ICSA Lab Firewall Certification, MTCTE certification from TEC, OEM should have ISO 9001 and ISO 27001 certification.
3.2	Case Specific Manufacturer Authorization (MAF), Escalation Matrix for Support
3.3	OEM Support (TAC) Presence in India
3.4	Firewall should be class 1 MII and should submit Make In India declaration in OEM Letter.
3.5	If required, all technically qualified bidders should showcase the product capabilities through a demonstration at our premises
3.6	OEM Should be SOC2 Type 2 compliant

Controller Based Centralized Wireless Access Point:

Component	Technical Specifications
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	8 individual internal antennas, 4 per band
	2.4GHz, gain 3dBi
	5 GHz, gain 4dBi
Wi-Fi Data Rates	5G:
	IEEE 802.11ax: 8 Mbps to 2400 Mbps
	IEEE 802.11ac: 6.5 Mbps to 1700 Mbps
	IEEE 802.11n: 6.5Mbps to 600Mbps
	IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	2.4G:
	IEEE 802.11ax: 8 Mbps to 1140 Mbps
	IEEE 802.11n: 6.5Mbps to 600Mbps
	IEEE 802.11b: 1, 2, 5.5, 11 Mbps
	IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Frequency Bands	2.4GHz Radio: 2412 - 2484 MHz
	5GHz Radio: 5180 - 5825 MHz
Channel Bandwidth	2.4G: 20 and 40 MHz (x4)
	5G: 20, 40 and 80 MHz (x4)
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES); WPA3, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
MIMO	4x4:4 2.4GHz
	4x4:4 5GHz

Coverage Range	minimum 150 meters (As per environment)
Maximum TX Power	5G: 25dBm
	2.4G: 26dBm
Receiver Sensitivity	2.4G
	802.11b: -99dBm@1Mbps, -91dBm@11Mbps;
	802.11g: -94dBm @6Mbps, -78dBm@54Mbps;
	802.11n 20MHz: -75dBm @MCS7; 802.11n 40MHz:-71dBm @MCS7;
	802.11ax 20MHz: -64dBm @ MCS11; 802.11ax 40MHz: -63dBm @MCS11
	5G
	802.11a: -95dBm @6Mbps, -77dBm @54Mbps;
	802.11n 20MHz: -74dBm @MCS7; 802.11n 40MHz:-71dBm @MCS7
	802.11ac 20MHz: -70dBm@MCS8; 802.11ac: HT40:- 66dBm @MCS9; 802.11ac 80MHz: -62dBm @MCS9;
	802.11ax 20MHz: -64dBm @ MCS11; 802.11ax 40MHz: -62dBm @MCS11;802.11ax 80MHz: -59dBm @MCS11
SSIDs	minimum 25 SSIDs total, 16 per radio (2.4GHz & 5GHz)
Concurrent Clients	minimum 500+
Network Interfaces	1x 1G Port and 1x 2.5G Port, support 3.5Gbps aggregate wire throughput
Auxiliary Ports	1x Reset Pinhole, 1x Kensington lock
Mounting	Indoor wall mount or ceiling mount, kits included
LEDs	1 tri-color LEDs for device tracking and status indication
Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Power and Green Energy Efficiency	PoE 802.3af/ 802.3at; Maximum Power Consumption: 17W
Authorization	Manufacturing authorization certificate valid for this specific enquiry should be enclosed.
Warranty	3 Years Warranty

Annexure-02

"FORMAT FOR POWER OF ATTORNEY TO AUTHORIZE SIGNATORY"

Power of Attorney

(To be executed on non-judicial paper of appropriate value as per Stamp Act relevant to place of execution)

Know all men by these presents, We, _____ (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Mr/ Ms. (name), _____ son/daughter/wife of _____ and presently residing at _____, who is presently employed with us and holding the position of _____, as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid for the- ***insert name of work*** proposed or being developed by the RailTel Corporation of India Limited (the "Employer") pursuant to the NIT/EOI document no. _____ issued by Employer, including but not limited to signing and submission of all applications, Bids and other documents and writings, participate in Bidder/Partners and other conference and providing information/ responses to the Employer, representing us in all matters before the Employer, signing and execution of all contracts including the Contract Agreement and undertakings consequent to acceptance of our Bid, and generally dealing with the Employer in all matters in connection with or relating to or arising out of our Bid for the said Project and/or upon award thereof to us and/or till entering into the Contract Agreement with the Employer.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, _____, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF 2024 _____

(Signature, Name, Designation and Address of Person Authorized by Board Resolution (in case of Firm/ Company)/ partner in case of Partnership firm

Witness1:

Witness2:

Accepted Notarized

(Signature Name, Designation and Address of Attorney)

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. 100/-. 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 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.
9. I/we the BA(s) have carefully read and understand terms and conditions of the tender/RFP/EOI of CoR and also accept all the terms and conditions of the tender/RFP/EOI of CoR including addendum/corrigendum.
10. I/we understand that we will submit all the required MAF/documents/annexures as per requirement of tender/RFP/EOI of CoR before reasonable time as conveyed by competent Authority of RailTel : one day before the bid submission date of CoR. Failing which, our bid may be disqualified.

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 SIGNATURE 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.**