

RAILTEL CORPORATION OF INDIA LIMITED
(A Govt. of India Undertaking)

**Expression of Interest for Selection of Partner from Empanelled Business Associate for South
East Central Railway, Tender No.73-SNT-Proj-Tender-2024**

For

**Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of
IP-MPLS (Internet Protocol- Multi Protocol label Switching) routers and associated
equipment's at Bilaspur, Raipur and Nagpur division of South East Central Railway.**

EOI No: RCIL/WR/MUMBAI/Mktg/24-25/003 dated: 08th June, 2024

Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi, Mumbai-400013

EOI NOTICE

**RailTel Corporation of India Ltd,
Western Railway Microwave Complex, Senapati Bapat Marg,
Mahalaxmi, Mumbai – 400013.**

EOI Notice No: RCIL/WR/MUMBAI/Mktg/24-25/003 dated 08th June, 2024

RailTel Corporation of India Ltd., (here after referred to as “RailTel”) invites EOIs from RailTel’s Empanelled Partners for the selection of suitable partner as Exclusive pre bid teaming arrangement for Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of IP-MPLS (Internet Protocol- Multiprotocol label Switching) routers and associated equipment’s at Bilaspur, Raipur and Nagpur division of South East Central Railway.

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	12 June 2024 at 17:00 Hours
2	Opening of Technical Bid of EOIs	12 June 2024 at 17:30 Hours
3	Number of copies to be submitted for scope of work	One
4	EOI fees inclusive tax (Non-refundable)	Rs. 29,500/- with tax
5	EMD for Pre-Bid Arrangement	Total EMD: Rs.5,58,070/- in the form of online transfer as EMD along with submission of EoI response.

The EMD should be in the favor of RailTel Corporation of India Limited payable at Mumbai through online bank transfer or through Bank Guarantee. Partner needs to share the online payment transfer details like UTR No, date of payment and if submitted as Bank Guarantee then original hard Copy is to be submitted to the below mentioned officers along with the proposal.

RailTel Bank Details: Union Bank of India, Account No. 317801010036605, IFSC Code - UBIN0531782, Mahalaxmi Branch.

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

1. Level 1

Contact Name : Sh. Viplovnath Mishra

Designation : Deputy General Manager/ Marketing

E-Mail Address : viplovmishra@railtelindia.com

Mobile No : +91- 9004444124

2. Level 2

Contact Name : Sh. Santosh Parage

Designation : General Manager/ Marketing

E-Mail Address : santosh.parage@railtelindia.com

Mobile No : +91- 7020906278

Note:

1. Empanelled partners are required to submit soft copy of technical packet through an e-mail at eoι.wr@railtelindia.com duly signed by Authorized Signatories with Company seal and stamp.
2. The EOI response is invited from eligible **Empanelled 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 empanelled business associate of RailTel for participating in the end customer RFP**. Selected partner's authorized 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 end customer organization by RailTel). This undertaking has to be given with this EOI Response.
5. Partner can submit their response as an individual organization. Consortium is not permitted. The Bidder has to be an empanelled partner of RailTel.
6. **Transfer and Sub-letting**. The Business Associate has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contractor any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

1. Introduction about RailTel

RailTel Corporation of India Limited (RailTel), 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 subsidiary of Indian Railways.

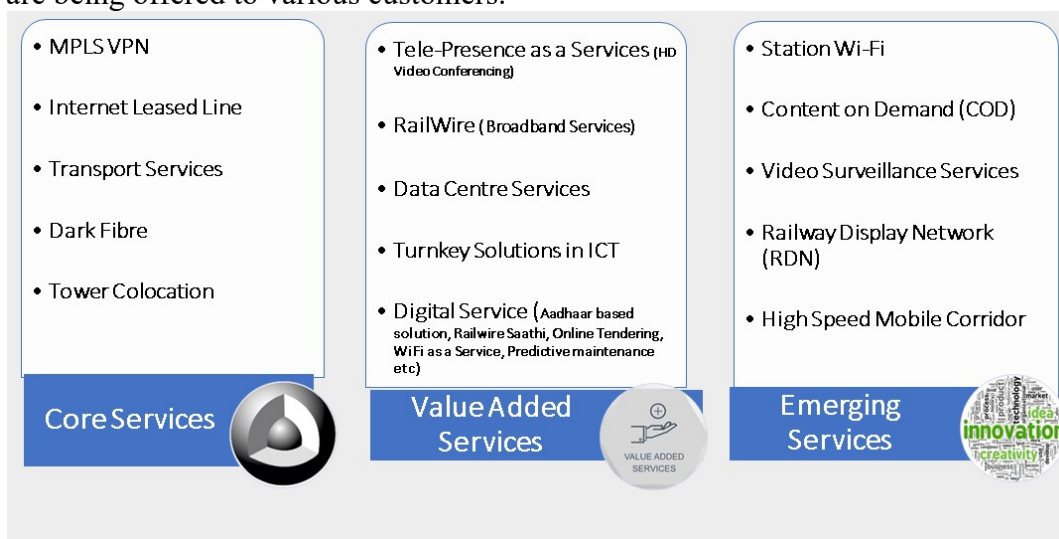
RailTel has approximately 65000+ kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon 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 service (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.

d) 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

e) 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.

f) 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 approx. 4,68,000 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 Tender floated by end Customer organization for Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of IP-MPLS (Internet Protocol- Multi Protocol label Switching) routers and associated equipment's at Bilaspur, Raipur and Nagpur division of South East Central Railway.

RailTel invites EOIs from RailTel's Empanelled Partners for the selection of suitable partner for participating in above mentioned work for the agreed scope work. The empanelled 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 Tender for Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of IP-MPLS (Internet Protocol- Multi Protocol label Switching) routers and associated equipment's at Bilaspur, Raipur and Nagpur division of South East Central Railway. (

In case of any discrepancy or ambiguity in any clause / specification pertaining to scope of work area, the RFP and corrigendum/addendum 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 (file should not exceed 20 Mbps).

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 studied 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 Bid submission date issued by the end Customer organization for which bid is going to submit.

4.5 Bid Earnest Money (EMD)

4.5.1 The Business Associate shall furnish a sum as given in EOI Notice via online transfer from any scheduled bank in India in favour of “RailTel Corporation of India Limited” along with the offer. This will be called as EOI EMD.

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

4.5.3 In case if offer is selected for bidding, the partner has to furnish Earnest Money Deposit (for balance amount as mentioned in the customer’s Bid and EOI notice as applicable) for the bid to RailTel. The selected Business Associate shall have to submit EMD to RailTel before submission of bid to end customer as applicable.

4.5.4 Return of EMD for unsuccessful Business Associates: EOI EMD of the unsuccessful Business Associate shall be returned without interest after completion of EOI process.

4.5.5 **Return of EMD for successful Business Associate:** EOI-EMD & Earnest Money Deposit (balance EMD) if applicable and Integrity Pact 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. 4.6) from Business Associate whichever is later.

4.5.6 **Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD) and or Penal action as per EMD Declaration:**

4.5.6.1 The EOI EMD may be forfeited and or penal action shall be initiated if a Business Associate withdraws his offer or modifies the terms and conditions of the offer during validity period.

4.5.6.2 In case of non-submission of SD/PBG (as per clause no. 4.6) lead to forfeiture of EOI EMD, EMD (balance proportionate EMD) if applicable and Integrity Pact and or suitable action as prescribed in the EMD Declaration shall be initiated as applicable.

4.5.7 Having participated with another party/consortium apart from RailTel in RailTel’s end customer Tender

4.6 Security Deposit / Performance Bank Guarantee (PBG)

4.6.1 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.

4.6.2 As per work share arrangements agreed between RailTel and Business Associate the PBG will be proportionately decided and submitted by the selected Business Associate.

4.7 Last date & time for Submission of EOI response

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

4.8 Modification and/or Withdrawal of EOI response

EOI response once submitted will be 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.

4.9 Details of Financial bid for the above referred tender

Business Associate meeting eligibility criteria and clearing the technical evaluation 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 clearing technical evaluation criteria, then price bid will be sought from these Sole partner/ consortiums in the second stage for the given scope of the work and Sole partner/ consortium 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.

4.10 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.

4.11 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 No	Particulars	Criteria for Tender Package
		(Mandatory Compliance & Document Submission)
A)	Financial Conditions	
i)	Sole bidder 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.	1. Certificate of Incorporation 2. GST Registration 3. PAN Card
ii)	Sole Participating bidder should have cumulative annual turnover of at least INR 19 CR . for last three years (FY 20-21, 21-22, 22-23).	Turnover Certificate issued by the Chartered Accountant for sole bidder. Certificate should contain UDIN no. issued by ICAI
iii)	Sole partner should also have a positive net worth & be profitable in each of the last 3 financial years (i. e. FY 20-21, 21-22, 22-23).	Positive Net Worth and Profitability Certificate issued by the CA for the last three financial years (i. e. FY 20-21, 21-22, 22-23). Certificate should contain UDIN no. issued by ICAI.
B)	Technical Conditions	
iv)	Experience in Design, Supply, Configuration, Installation, Testing and Commissioning of Any work involving provision/O&M of Internet Protocol based	Work Order Completion/commissioning Certificates from the client

	Networking Systems and Services following categories during the last seven (7) years from the date of submission of bid. Value of project 1) One Project of 60 % of Scope/track Value 2) Two Project of 40 % of Scope/track Value 3) Two Project of 30 % of Scope/track Value	OR Work order + Self certificate of completion (Certified by the authorized signatory); OR Work Order + Phase Completion/commissioning Certificate from the client OR self-certified by authorized signatory
v)	The bidder should have a minimum of 20 staff on its payroll	Certificate from HR Department of Sole Bidder
vi)	Sole Bidder must be registered with the Goods and Service Tax (GST) Authorities	Valid Goods and Service Tax (GST) Registration Certificate.

6. Bidder's Profile

The bidder including individual consortium members if any 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 emailAddress	
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	
8.	PAN Number	

7. Evaluation Criteria

7.1 The Business Associates are first evaluated on the basis of the Eligibility Criteria as per clause 5 above.

7.2 The Business Associate qualifying the Eligibility criteria will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

7.3 In case if there are two or more Sole partner meeting eligibility criteria then the price bids will be sought from these Sole partners in the second stage for the given scope of the work and Sole partner with overall lowest (L1) offer will be selected for exclusive pre bid arrangement for optimizing technical and commercial solution.

7.4 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 requirements mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

8 Withdrawal of Bids

A Bidder wishing to withdraw its bid shall notify to RailTel by e-mail prior to the deadline prescribed for bid submission. The notice of withdrawal shall be addressed to RailTel at the address named in the Bid Data Sheet, and bear the Contract name, the <Title> and < Bid No.>, and the words “Bid Withdrawal Notice.” Bid withdrawal notices received after the bid submission deadline will be ignored, and the submitted bid will be deemed to be a valid submitted bid.

No bid can be withdrawn in the interval between the bid submission deadline and the expiration of the bid validity period specified in the Bid Data Sheet. Withdrawal of a bid during this interval may result in the forfeiture of the Bidder’s EMD.

9 Evaluation Process

The evaluation process of the bid proposed to be adopted by RailTel is indicated in this section. The purpose of this section is to provide the Bidder an idea of the evaluation process that RailTel may adopt.

RailTel shall appoint a Bid Management Committee (BMC) to scrutinize and evaluate the technical and commercial bids received. The BMC will examine the Bids to determine whether they are complete, responsive and whether the bid format conforms to the bid requirements. RailTel may waive any informality or non-conformity in a bid which does not constitute a material deviation according to RailTel.

The bid prices should not be mention in any part of the bid other than the Commercial Bid. Any attempt by a bidder to influence the bid evaluation process may result in the rejection of Bid and forfeiture of EMD.

10 Performance Bank Guarantee

The Bidder shall at his own expense, deposit with RailTel, an unconditional and irrevocable Performance Bank Guarantee (PBG) from nationalized banks as per the format given in this bid, payable on demand, for the due performance and fulfilment of the contract by the Bidder.

This Performance Bank Guarantee will be submitted within 30 days of the notification of award of the contract/ Letter of Acceptance (LOA) issuance whichever is earlier. If PBG is not submitted within this time frame a delayed PBG penalty will be attracted. Post 30 days and upto 60 days from date of notification of award of the contract/ Letter of Acceptance (LOA) issuance a penalty at 15% per annum interest of LOA amount will be levied as delayed PBG penalty and this penalty will be deducted from the Invoices & EMD of the Bidder. After these 60 days if PBG is not submitted then it will be assumed that the Bidder is not interested in submitting PBG and the Amount of PBG along with the delayed PBG penalty calculated will be retained from Invoices & EMD of the Bidder. Non submission of PBG can also lead to cancellation of contract and the decision with respect to whether, to retain the PBG Amount and penalty from Invoices & EMD or cancellation of contract, will be at the sole discretion of RailTel. In the event of cancellation of contract EMD will be forfeited. If PBG is retained from Invoices & EMD then the PBG Amount only and not the penalty attracted will be paid to the Bidder in such a case post the contract period plus three months(expected PBG validity date) are over after deducting any applicable deductions (eg: Poor service, etc).

This Performance Bank Guarantee will be for an amount equivalent to 3% of the total contract value. All charges whatsoever such as premium, commission, etc. with respect to the Performance Bank Guarantee shall be borne by the Bidder. The Performance Bank Guarantee format can be found in this document.

The Performance Bank Guarantee may be discharged/ returned by RailTel upon being satisfied that there has been due performance of the obligations of the Bidder under the contract. However, no interest shall be payable on the Performance Bank Guarantee.

In the event of the Bidder being unable to service the contract for whatever reason, RailTel would invoke the PBG. Notwithstanding and without prejudice to any rights whatsoever of RailTel under the Contract in the matter, the proceeds of the PBG shall be payable to RailTel as compensation for any loss resulting from the Bidder's failure to complete its obligations under the Contract. RailTel shall notify the Bidder in writing of the exercise of its right to receive such compensation within 30 days, indicating the contractual obligation(s) for which the Bidder is in default.

The 30 days' notice period shall be considered as the 'Cure Period' to facilitate the Implementation Agency to cure the breach. The PBG shall be invoked only if the breach is solely attributable to the bidder and the bidder fails to rectify the breach within the 'Cure Period'.

RailTel shall also be entitled to make recoveries from the Bidder's bills, performance bank guarantee, or from any other amount due to the Bidder, the equivalent value of any payment made to the Bidder due to inadvertence, error, collusion, misconstruction or misstatement.

11 Rights to Terminate the Process

RailTel may terminate the bid process at any time and without assigning any reason. RailTel makes no commitments, express or implied, that this process will result in a business transaction with anyone.

This bid document does not constitute an offer by RailTel. The Bidder's participation in this process may result in RailTel selecting the Bidder to engage in further discussions and negotiations towards execution of a contract. The commencement of such negotiations does not, however, signify a commitment by RailTel to execute a contract or to continue negotiations. RailTel may terminate negotiations at any time without assigning any reason.

12. 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 and upon submission of correct Tax Invoices as per statutory norms.
- 8.3 The Payments received from end customer will be disbursed scope wise to the selected BA. The BA selected for a particular scope will receive payments once end customer releases payments for the specific part

13 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.

14. Other terms & Conditions

Any other terms & conditions in relation to SLA, Payments, PBG etc., will be as per end customer RFP.

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 1: Format for COVERING LETTER

COVERING LETTER (To be on company letter head)

EoI Reference No: _____ Date: _____

To,

RailTel Corporation of India Ltd.
Western Railway Microwave complex,
Senapati Bapat Marg, Mahalaxmi, Mumbai – 400013

Dear Sir,

SUB: Participation in the EoI process

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

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

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

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

Authorized Signatory Name:

Designation:

Signature:

Seal of the Organization:

Annexure 2: Format for Self-Certificate & Undertaking

Self-Certificate (To be on company letter head)

EOI Reference No: _____ Date: _____

To,

RailTel Corporation of India Ltd.
Western Railway Microwave complex,
Senapati Bapat Marg, Mahalaxmi, Mumbai – 400013

Dear Sir,

Sub: Self Certificate for Tender, Technical & other compliances

1. Having examined the Technical specifications mentioned in this EOI & end customer tender, we hereby confirm that we meet all specification.
2. We agree to abide by all the technical, commercial & financial conditions of the end customer 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 sole partner/lead partner in case of consortium after the receipt of corresponding payment from end customer by RailTel. Further we understand that in case selected sole partner/lead partner in case of consortium fails to execute assigned portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected sole partner/lead partner in case of consortium.
3. We agree to abide by all the technical, commercial & financial conditions of the end customer's 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 sole partner/lead partner in case of consortium 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 sole partner/lead partner in case of consortium for the proposed project (for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
9. We hereby undertake to sign 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.

10. We undertake that we will not submit directly or indirectly out bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel)

Authorized Signatory Name:

Designation:

Signature:

Seal of the Organization:

Annexure 3: Undertaking for not Being Blacklisted/Debarred

EoI Reference No: _____ Date: _____

To,

RailTel Corporation of India Ltd.
Western Railway Microwave complex,
Senapati Bapat Marg, Mahalaxmi, Mumbai – 400013

Dear Sir,

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.

Authorized Signatory Name:

Designation:

Signature:

Seal of the Organization:

Annexure 4: Format of Affidavit

**FORMAT FOR AFFIDAVIT TO BE UPLOADED BY SOLE PARTNER/ALL
CONSORTIUM PARTNERS) ALONG WITH THE EOI DOCUMENTS**

(To be executed in presence of public notary on non-judicial stamp paper of the value of Rs. 500/-. 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 EOINo. _____ Dt. _____ of (RailTel Corporation of India Ltd.), 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.

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 ADVOCATE

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.**

Annexure 5: Draft Non-Disclosure Agreement

(To be submitted on a Rs. 100 Stamp Paper)

This Non-Disclosure Agreement (“Non-Disc”) is made and entered into _____ day of _____ month _____ year (effective date) by and between _____ (“Department”) and _____ (“Company”). Whereas, Department and Company have entered into an Agreement (“Agreement”) _____ effective _____ for _____ and

Whereas, each party desires to disclose to the other party certain information in oral or written form which is proprietary and confidential to the disclosing party, (“CONFIDENTIAL INFORMATION”).

NOW, THEREFORE, in consideration of the foregoing and the covenants and agreements contained herein, the parties agree as follows:

1. Definitions. As used herein:

- a. The term “Confidential Information” shall include, without limitation, all information and materials, furnished by either Party to the other in connection with citizen/users/persons/customers data, products and/or services, including information transmitted in writing, orally, visually, (e.g. video terminal display) or on magnetic or optical media, and including all proprietary information, customer and prospect lists, trade secrets, trade names or proposed trade names, methods and procedures of operation, commercial or marketing plans, licensed document know-how, ideas, concepts, designs, drawings, flow charts, diagrams, quality manuals, checklists, guidelines, processes, formulae, source code materials, specifications, programs, software packages, codes and other intellectual property relating to the disclosing party’s data, computer database, products and/or services. Results of any tests, sample surveys, analytics, data mining exercises or usages etc. carried out by the receiving party in connection with the Department’s information including citizen/users/persons/customers personal or sensitive personal information as defined under any law for the time being in force shall also be considered Confidential Information.
- b. The term, “Department” shall include the officers, employees, agents, consultants, contractors and representatives of Department.
- c. The term, “Company” shall include the directors, officers, employees, agents, consultants, contractors and representatives of Company, including its applicable affiliates and subsidiary companies.

2. Protection of Confidential Information: With respect to any Confidential Information disclosed to it or to which it has access, Company affirms that it shall:

- a. Use the Confidential Information as necessary only in connection with Project and in accordance with the terms and conditions contained herein;
- b. Maintain the Confidential Information in strict confidence and take all reasonable steps to enforce the confidentiality obligations imposed hereunder, but in no event take less care with the Confidential Information that the parties take to protect the confidentiality of its own proprietary and confidential information and that of its clients;
- c. Not to make or retain copy of any commercial or marketing plans, citizen/users/persons/customers database, Bids developed by or originating from Department or any of the prospective clients of Department except as necessary, under prior written intimation from Department, in connection with the Project, and ensure that

- any such copy is immediately returned to Department even without express demand from Department to do so;
- d. Not disclose or in any way assist or permit the disclosure of any Confidential Information to any other person or entity without the express written consent of the other party; and
 - e. Return to the other party, or destroy, at Department's discretion, any and all Confidential Information disclosed in a printed form or other permanent record, or in any other tangible form (including without limitation, all copies, notes, extracts, analyses, studies, summaries, records and reproductions thereof) immediately upon the earlier to occur of (i) expiration or termination of either party's engagement in the Project, or (ii) the request of the other party therefore.
 - f. Not to discuss with any member of public, media, press, any or any other person about the nature of arrangement entered between Department and Company or the nature of services to be provided by the Company to the Department.
- 3. Onus.** Company shall have the burden of proving that any disclosure or use inconsistent with the terms and conditions hereof falls within any of the foregoing exceptions.
- 4. Exceptions.** These restrictions as enumerated in section 1 of this Agreement shall not apply to any Confidential Information:
- a. Which is independently developed by Company or lawfully received from another source free of restriction and without breach of this Agreement; or
 - b. After it has become generally available to the public without breach of this Agreement by Company; or
 - c. Which at the time of disclosure to Company was known to such party free of restriction and evidenced by documentation in such party's possession; or
 - d. Which Department agrees in writing is free of such restrictions.
 - e. Which is received from a third party not subject to the obligation of confidentiality with respect to such Information;
- 5. Remedies.** Company acknowledges that
- (a) any actual or threatened disclosure or use of the Confidential Information by Company would be a breach of this agreement and may cause immediate and irreparable harm to Department;
 - (b) Company affirms that damages from such disclosure or use by it may be impossible to measure accurately; and
 - (c) injury sustained by Department may be impossible to calculate and remedy fully. Therefore, Company acknowledges that in the event of such a breach, Department shall be entitled to specific performance by Company of Company's obligations contained in this Agreement. In addition, Company shall indemnify Department of the actual and liquidated damages which may be demanded by Department. Moreover, Department shall be entitled to recover all costs (including reasonable attorneys' fees) which it or they may incur in connection with defending its interests and enforcement of legal rights arising due to a breach of this agreement by Company.
- 6. Need to Know.** Company shall restrict disclosure of such Confidential Information to its employees and/or consultants with a need to know (and advise such employees of the obligations assumed herein), shall use the Confidential Information only for the purposes set

- forth in the Agreement, and shall not disclose such Confidential Information to any affiliates, subsidiaries, associates and/or third party without prior written approval of the disclosing party.
7. **Intellectual Property Rights Protection.** No license to a party, under any trademark, patent, copyright, design right, mask work protection right, or any other intellectual property right is either granted or implied by the conveying of Confidential Information to such party.
 8. **No Conflict.** The parties represent and warrant that the performance of its obligations hereunder do not and shall not conflict with any other agreement or obligation of the respective parties to which they are a party or by which the respective parties are bound.
 9. **Authority.** The parties represent and warrant that they have all necessary authority and power to enter into this Agreement and perform their obligations hereunder.
 10. **Dispute Resolution.** If any difference or dispute arises between the Department and the Company in connection with the validity, interpretation, implementation or alleged breach of any provision of this Agreement, any such dispute shall be referred appropriately to RailTel/ stakeholders/ partners/ patrons
 - a. The arbitration proceedings shall be conducted in accordance with the (Indian) Arbitration and Conciliation Act, 1996 and amendments thereof.
 - b. The place of arbitration shall be Mumbai.
 - c. The arbitrator's award shall be substantiated in writing and binding on the parties.
 - d. The proceedings of arbitration shall be conducted in English language.
 - e. The arbitration proceedings shall be completed within a period of 180 days from the date of reference of the dispute to arbitration.
 11. **Governing Law.** This Agreement shall be interpreted in accordance with and governed by the substantive and procedural laws of India and the parties hereby consent to the exclusive jurisdiction of Courts and/or Forums situated at Mumbai, India only.
 12. **Entire Agreement.** This Agreement constitutes the entire understanding and agreement of the parties, and supersedes all previous or contemporaneous agreement or communications, both oral and written, representations and under standings among the parties with respect to the subject matter hereof.
 13. **Amendments.** No amendment, modification and/or discharge of this Agreement shall be valid or binding on the parties unless made in writing and signed on behalf of each of the parties by their respective duly authorized officers or representatives.
 14. **Binding Agreement.** This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns.
 15. **Severability.** It is the intent of the parties that in case any one or more of the provisions contained in this Agreement shall be held to be invalid or unenforceable in any respect, such provision shall be modified to the extent necessary to render it, as modified, valid and enforceable under applicable laws, and such invalidity or unenforceability shall not affect the other provisions of this Agreement.
 16. **Waiver.** If either party should waive any breach of any provision of this Agreement, it shall not thereby be deemed to have waived any preceding or succeeding breach of the same or any other provision hereof.
 17. **Survival.** Both parties agree that all of their obligations undertaken herein with respect to Confidential Information received pursuant to this Agreement shall survive till perpetuity even after any expiration or termination of this Agreement.
 18. **Non-solicitation.** During the term of this Agreement and thereafter for a further period of two (2) years Company shall not solicit or attempt to solicit Department's employees and/or

consultants, for the purpose of hiring/contract or to proceed to conduct operations/business similar to Department with any employee and/or consultant of the Department who has knowledge of the Confidential Information, without the prior written consent of Department. This section will survive irrespective of the fact whether there exists a commercial relationship between Company and Department.

19. Term. Subject to aforesaid section 17, this Agreement shall remain valid up to _____ years from the “effective date”.

IN WITNESS HEREOF, and intending to be legally bound, the parties have executed this Agreement to make it effective from the date and year first written above.

For Department

Name:

Title:

WITNESSES:

1. _____

2. _____

For Company

Name:

Title:

WITNESSES:

1. _____

2. _____

Annexure 6: Integrity Pact

(To be executed on Rs. 500/- Stamp Paper)

EoI Number: _____ Dated: _____

This Integrity Pact is made at on this _____ Day of _____ 2022

BETWEEN

RailTel Corporation of India Ltd (a Govt of India Enterprise under Ministry of Railways) having its registered office at Plate-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi-110023 and Regional Office at Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi, Mumbai – 400013, hereinafter referred to as “The Principal”, which expression shall unless repugnant to the meaning or contract thereof include its successors and permitted assigns

AND

<Bidder Name> having its registered office at <Bidders Registered and Branch Address (if any)> hereinafter referred to as “The Bidder/ Contractor/ Concessionaire/ Consultant” and which expression shall unless repugnant to be meaning or context thereof include its successors and permitted assigns.

Preamble

Whereas, the Principal intends to award, under laid down organizational procedures contract/s Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of IP-MPLS (Internet Protocol- Multi Protocol label Switching) routers and associated equipment's at Bilaspur, Raipur and Nagpur division of South East Central Railway. The Principal values full compliance with all relevant laws of the land, rules of land, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and for Contractor(s)/Concessionaire(s)/Consultant(s).

And whereas in order to achieve these goals, the principal will appoint an independent external Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

And whereas to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact (hereafter referred to as Integrity Pact) the terms and conditions of which shall also be read as integral part and parcel of the Tender documents and contract between the parties. Now, therefore, in consideration of mutual covenants stipulated in this pact, the parties hereby agree as follows and this pact witnesseth as under: -

Article – 1: Commitments of the Principal

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principle: -
 - a. No employee of the principal, personally or through family members, will in connection with the Tender for, or the execution of a contract, demand take a

- promise for or accept for self or third person any material or immaterial benefit which the person is not legally entitled to.
- b. The principal will, during the tender process treat all Bidder(s) with equity and reason. The principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The principal will exclude all known prejudiced persons from the process.
2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act or any other Statutory Acts or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions as per its internal laid down Rules/ Regulations.

Article – 2: Commitments of the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s)

The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- a. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principals employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission or bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not commit any offence under the relevant IPC / PC. Act and other Statutory Acts; further the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not use improperly for purposes of completion or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India. If any similarly the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) of Indian Nationality shall furnish the name and address of the foreign principle, if any. Further details as mentioned in the ‘Guidelines on Indian Agents of Foreign Suppliers’ shall be disclosed by the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s). Further, all the payments made to the Indian Agent /Representative have to be Indian Rupees only.

- e. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract. He shall also disclose the details of services agreed upon for such payments.
- f. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- g. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) will not bring any outside influence through any Govt. bodies/quarters directly or indirectly on the bidding process in furtherance of his bid.
- h. The Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) who have signed a Integrity pact shall not approach the court while representing the matter to IEMs and shall wait for their decision in the matter.

Article – 3: Disqualification from tender process and exclusion from future contracts

1. If the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) before award or during execution has committed a transgression through a violation of any provision of Article- 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s) from the tender process.
2. If the Bidder/Contractor/Concessionaire/Consultant has committed a transgression through a violation of Article-2 such as to put his reliability or credibility into question, the Principal shall be entitled to exclude including blacklist and put on holiday the Bidder/Contractor/Concessionaire/Consultant for any future tenders/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case particularly taking into account the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder/Contractor/Concessionaire/Consultant and the amount of the damage. The exclusion will be imposed for a maximum of 1 year.
3. A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that “On the basis of facts available there are no material doubts”.
4. The Bidder/ Contractor/Concessionaire/Consultant will its free consent and without any influence agrees and undertakes to respect and uphold the Principal’s absolute rights to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
5. The decision of the Principal to the effect that a breach of the provisions of this Integrity Pact has been committed by the Bidder/ Contractor/Concessionaire/Consultant shall be final and binding on the Bidder/ Contractor/Concessionaire/Consultant, however, the Bidder/ Contractor/ Concessionaire/ Consultant can approach IEM(s) appointed for the purpose of this Pact.
6. On occurrence of any sanctions/ disqualification etc. arising out from violation of integrity pact, Bidder/ Contractor/Concessionaire/Consultant shall not be entitled for any compensation on this account.

7. Subject to full satisfaction of the Principal, the exclusion of the Bidder/Contractor/Concessionaire/Consultant could be revoked by the Principal if the Bidder/ Contractor/Concessionaire/Consultant can prove that he has restored/recouped the damage caused by him and has installed a suitable corruption prevention system in his organization.

Article – 4: Compensation for Damages

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Article-3, the Principal shall be entitled to forfeit the Earnest Money Deposit/ Bid Security or demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security apart from any other legal right that may have accrued to the Principal.
2. In addition to above, the Principal shall be entitled to take recourse to the relevant provisions of the contract related to Termination of Contract due to Contractor/Concessionaire/Consultant's Default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor/ Concessionaire/ Consultant and/or demand and recover liquidated and all damages as per the provisions of the contract/Concession agreement against Termination.

Article – 5: Previous Transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years immediately before signing of this integrity pact with any other Company in any country conforming to the anticorruption/Transparency International (TI) approach or with any other Public Sector Enterprise/Undertaking in India or any Government Department in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under Article-3 above for transgression of Article-2 and shall be liable for compensation for damages as per Article-4 above.

Article – 6: Equal treatment of all Bidders/ Contractors/ Concessionaires/ Consultants/ Subcontractors

1. The Bidder(s)/Contractor(s)/Concessionaire(s)/Consultant(s) undertake(s) to demand from all sub-contractors a commitment in conformity with this integrity Pact, and to submit it to the Principal before contract signing.
2. The Principal will enter into agreements with identical conditions as this one with all Bidders/Contractors/Concessionaire/Consultant and Subcontractors.
3. The Principal will disqualify from the Tender process all Bidders who do not sign this Pact violate its provisions.

Article – 7: Criminal charges against violating Bidder(s)/ Contractor(s)/ Concessionaire(s)/ Consultant(s)/ Sub-contractor(s)

If the Principal obtains knowledge of conduct of a Bidder/ Contractor/ Concessionaire/ Consultant or Subcontractor, or of an employee or a representative or an associate of a Bidder/ Contractor/ Concessionaire/ Consultant or Subcontractor, which constitutes corruption, or if the Principal has

substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Article – 8: Independent External Monitor (IEM)

1. The Principal appoints competent and credible Independent External Monitor for this Pact after approval from Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, RailTel.
3. The Bidder/Contractor/Concessionaire/Consultant accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Bidder/ Contractor/ Concessionaire/ Consultant. The Bidder/ Contractor/ Concessionaire/ Consultant will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his Project documentation. The same is applicable to Subcontractors.
4. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractors(s) with confidentiality. The Monitor has also signed on 'Non-disclosure of Confidential Information' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform CMD, RailTel and recuse himself/herself from that case.
5. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Bidder/Contractor/Concessionaire/Consultant. The parties offer to the Monitor the option to participate in such meetings.
6. As soon as the Monitor notices, or believes to notice any transgression as given in Article- 2, he may request the Management of the Principal to take corrective action, or to take relevant action. The monitor can in this regard submit non-*binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
7. The Monitor will submit a written report to the CMD, RailTel within 8-10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
8. If the Monitor has reported to the CMD, RailTel, a substantiated suspicion of an offence under relevant IPC/PC Act or any other Statutory Acts, and the CMD, RailTel has not, within the reasonable time taken visible action to proceed against such offence or reported it the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
9. The word 'Monitor' would include both singular and plural.

Article – 9: Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor/Consultant 12 months after his Defect Liability Period is over or 12 months after his last payment under the contract whichever is later and for all other unsuccessful Bidders, 6 months after this Contract has been awarded (In case of BOT projects). It expires for the concessionaire 24 months after his concession period is over and for all other unsuccessful Bidders 6 months after this Contract has

been awarded. Any violation of the same would entail disqualification of the bidder and exclusion from future dealings.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged determined by CMD of RailTel.

Article – 10: Other Provisions

1. This pact is subject to Indian Law, Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing.
3. If the Bidder/Contractor/Concessionaire/Consultant is a partnership or a Joint Venture partner, this pact must be signed by all partners or members.
4. Should one or several provisions of this agreement turn out to be invalid, the reminder of this agreement remains valid, in this case, the parties will strive to come to an agreement to their original intentions.
5. Issue like warranty / Guarantee etc. shall be outside the purview of IEMs.
6. In the event of any contradiction between the Integrity Pact and its Annexure, the clause in Integrity Pact shall prevail.
7. Any dispute/differences arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with this Pact or interpretation thereof shall not be subject to any Arbitration.
8. The actions stipulated in the integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this pact at the place and date first mentioned in the presence of following witnesses:-

(For & On behalf of the (Principal)

(For & On behalf of Bidder/Contractor/
Concessionaire/Consultant)

Place:

Date:

Witness 1:

Witness 2:

Annexure 7: Complete EoI Examination & Nil Deviation Certificate

(To be submitted by Bidder and all members of consortium)

To
Deputy General Manager/ Marketing
RailTel Corporation of India Ltd
Western Railway Microwave Complex
Senapati Bapat Marg, Near Railway Sports Ground
Mahalaxmi, Mumbai – 400013

Sub: Complete EoI Examination & Nil Deviation Certificate

Ref: EoI Number: _____ **Dated:** _____

Dear Sir,

We <Bidder Name> having completely examined the referred EoI, its corrigendum and any other documents/its addendums/corrigendum referred in this EoI, conclude that we have understood the Terms & Conditions of the EoI and its subsequent addendums & corrigendum (if any) and any other documents/its addendums/corrigendum referred in this EoI. We declare that we have sought all clarifications for the same from RailTel or its end customer for anything contained in this EoI & any other documents/its addendums/ corrigendum referred in this EoI and have been satisfied with the clarifications to the fullest extent and there are no terms, clauses, conditions, etc which are ambiguous.

We also declare that there is no deviation from adhering to anything that is contained in this EoI and any other documents/its addendums/corrigendum referred in this EoI and that any deviation later raised by us shall lead to forfeiture of the Bid/Contract at complete discretion of RailTel.

Signature of Authorized Signatory (with official seal)

Name :
Designation :
Address :
Telephone and Fax :
E-mail address :

Annexure 8: Back to Back Compliance Certificate

(To be submitted by Bidder and all members of consortium)

To
Deputy General Manager/ Marketing
RailTel Corporation of India Ltd
Western Railway Microwave Complex
Senapati Bapat Marg, Near Railway Sports Ground
Mahalaxmi, Mumbai – 400013

Sub: Complete back to back Compliance Certificate

Ref: 1) EoI Number: _____ Dated: _____
2) Tender No.73-SNT-Proj-Tender-2024 dated 4/06/2024 and all of its addendums/ corrigendum's
& published documents.

Dear Sir,

Considering reference 1 & 2 we would like to declare that we have read and understood the EoI, its corrigendum and any other documents/its addendums/corrigendum referred in this EoI thoroughly. We would like to give you our back to back compliance for all the tender terms and conditions, clauses, timelines, deliverables and anything explicitly mentioned in the EoI, its corrigendum and any other documents/its addendums/corrigendum referred in this EoI.

Signature of Authorized Signatory (with official seal)

Name :
Designation :
Address :
Telephone and Fax :
E-mail address :

Annexure 9: Performance Bank Guarantee Format

(For a sum of x% of the value of the contract as per RailTel's end customer RFP/tender)
(Stamp Duty to be confirmed by RailTel in co-ordination with RailTel's Legal Department)

Ref. No. :
Date :
Bank Guarantee No. :

To
<Insert complete postal address>

THIS INDENTURE made this <current date> day of <current Month> 2024, BETWEEN THE <Bank Name>, a Company incorporated and registered under the Indian companies act, 1913 and deemed to exist within the companies Act 1956, and governed by the Banking Regulation Act, 1949 and having its registered office at <Address>, and its corporate office at <Address>, India and having one of its Branch Office at <Mumbai Branch Office> (hereinafter referred to as "the Bank" which expression shall be deemed to includes its successors and assigns) of the first part and <Bidders Company Name> a company incorporated under the Indian Companies Act 1956 having its Registered Office at <Address>, Corporate Office at <Address> and its Regional Office at <Mumbai Office Address> (hereinafter referred to as 'the Contractor/s') of the second part and RailTel Corporation of India Ltd (hereinafter referred to as 'RailTel') of the third part WHEREAS the Contractor/s have submitted to RailTel EoI/Quotation for the execution of Procurement, Installation, Commissioning and Management of SDWAN for MSEDCL Field Offices up to Subdivision level vide <EoI No> Dated <Date of EoI> and the terms of such EoI/Tender/Quotation/contract require that the Contractor/s shall deposit with RailTel as the security a sum of Rs. <Amount>/- (in figures and words<in words> only Including all Taxes and contingencies and any other costs mentioned as per LOI and RailTel Terms)AND WHEREAS if and when any such EoI/Tender/Quotation is accepted by RailTel the contract to be entered into in furtherance thereof by the Contractor/s will provide that such deposit shall remain with and be appropriated by RailTel towards the security deposit to be taken under the contract and be redeemable by the Contractors/ if they shall duly and faithfully carry out the terms and provision of such contract and shall duly satisfy all claims properly chargeable against them there under AND WHEREAS the Contractor/s are constituents of the Bank and in order to facilitate the keeping of the accounts of the Contractor/s, the Bank with the consent and concurrence of the Contractor/s has requested RailTel to accept the Guarantee of the Bank hereinafter contained, in place of the Contractor/s depositing with RailTel the said sum as security as aforesaid AND WHERE AS accordingly <Bank Name>has agreed to accept claim from RailTel upon demand in writing, whenever required by him, from time to time upto <Date (contract period + 3 months)> so to do, a sum not exceeding in the whole Rs. <Amount>/- (in figures and words <in words> only incl of Tax) under the terms of the said EoI/Tender/Quotation and/ or the Contract. The Bank Guarantee is valid up to<Date (contract period + 3 months)>.

Notwithstanding anything what has been stated above, <Bank Name> liability under the above guarantee is restricted to Rs. <Amount>/- (in figures and words <in words>only incl of Tax) and guarantee shall remain in force up to <Date (contract period + 3 months)> unless the demand or claim under this guarantee is made on us and we receive in writing on or before <Date (contract period + 3 months)> all your rights under the above guarantee shall be forfeited and we shall be

released from all liabilities under the guarantee thereafter whether or not the original bank guarantee is returned to us.

In witness whereof the Bank, through its authorized Officer, has set its hand and stamp on this day of 2022 at

For <Bank Name>

For<Company Name>

Authorized Signatories

EMP No. _____

Authorized Signatories

EMP No. _____

Annexure 10 Price bid as per the format of the SECR Tender

Annexure 11 -Tender floated by SECR . (Items Selected for EoI)

1. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 1-SOR-(Schedule-C)-Execution of Telecom work							2041470.00	Above/ Below/Par
1	0	5.00	Kilometre	77389.00	386945.00	AT Par	386945.00	
	Description:- Excavation of trenches of following depth and width at the bottom of the trench including clearing of roots bushes etc. for all types of soils including morrum, hard soil mixed with boulders etc. This work include back filling the trench, ramming, consolidation of soil as well as disposal of extra soil after cable is placed in the trench. After mansoon the route is to be attended for back filling the rain cuts, wash out of soils where ever found - Depth 1.0 Mtr. & Width 0.3 Mtr.[SOR-2021 for S&T works- Sch 'C' item no.2(a)(ii)]							
2	0	0.50	Kilometre	336450.00	168225.00	AT Par	168225.00	
	Description:- Excavation of trenches including clearing of roots of trees etc. in hard/rocky soil by chiseling up to a depth of minimum 0.6 Mtr. and width 0.3 Mtr. at the bottom, supply and placing RCC hume pipe section as per drawing on sieved soil of 30mm over cable / HDPE pipe and concreting through - out the length upto a layer of 75mm. Then back filling the trench and then ramming of soil.[SOR-2021 for S&T works- Sch 'C' item no.2(b)]							
3	0	500.00	Metre	1062.00	531000.00	AT Par	531000.00	
	Description:- Track crossing, Road Crossing by pushing method (HDD method) at culverts/ Railway track / pucca road/Kuchha road at a depth not less than 1 meter with reference to bottom of rail/road surface including supply of GI/HDPE pipe -HDPE pipe/DWC pipe(4 inch dia).[SOR-2021 for S&T works- Sch 'C' item no.5(a)]							
4	0	10.00	Kilometre	16479.00	164790.00	AT Par	164790.00	
	Description:- Laying of Quad Cable, PIJF cable of different sizes, power cable of different size in the excavated trench, inside GI, RCC and HDPE pipes. This includes loading/unloading & transportation of cables from the stores of railway as per the availability. Wherever several cables of different categories have to be laid in the same trench/path, the provision of separation of various cable should be as advised by the site incharge of the Railway. Empty cable drums to be returned by the contractor. The cable drums with unused cable at site to be returned by the contractor from site to Stores depot Bilaspur.[SOR-2021 for S&T works- Sch 'C' item no.8]							
5	0	5.00	Kilometre	7762.00	38810.00	AT Par	38810.00	
	Description:- Transportation including loading/unloading of HDPE pipe from the stores of railway to the work site, laying of the same in excavated trench/already laid GI/RCC pipes/tubes, jointing, levelling and end sealing the pipes. [SOR-2021 for S&T works- Sch 'C' item no. 6]							
6	0	5.00	Kilometre	14419.00	72095.00	AT Par	72095.00	
	Description:- Supply and placing of warning tape Orange colour of 100 mm wide printed in black as "CAUTION OFC CABLE" at every 1 mtr. interval (minimum) and to be laid in the trench in station area and as directed by therepresentative of Railway.[SOR-2021 for S&T works- Sch 'C' item no. 9(a)]							
7	0	5.00	Kilometre	21869.00	109345.00	AT Par	109345.00	
	Description:- Supply, transportation, placing and positioning breadth-wise of standard second class bricks in excavated trench on the laid cable at the rate of 9 bricks per metre in the stations (Home signal to Home Signal) and colony area and at the locations as advised by site incharge of Railway.[SOR-2021 for S&T works- Sch 'C' item no.9(b)]							
8	0	3000.00	Metre	43.00	129000.00	AT Par	129000.00	
	Description:- Supply and fixing of PVC casing capping 25mm x 25mm size for indoor wiring. This includes drawl of wires in the casing capping and termination of wire at end point. The work should be carried out as per theinstruction of Railway site Engineer.[SOR-2021 for S&T works- Sch 'C' item no. 24]							
9	0	10.00	Station	44126.00	441260.00	AT Par	441260.00	
	Description:- Transportation, Installation & commissioning of SDH ADM, Primary D/I MUX with all accessories and power supply, racks, runway ladder etc. in cable huts including wiring of all the equipments up to C.T. Box install for Outdoor/ Derivation cables as per the requirement at each station. Note:- The work involves fixing of 19" rack, Installation & wiring of equipment connecting to 48 V. bus bar including supply of all wires and connectors. The equipment shall be mounted in shelves of standard 19" racks. All 21 E1 streams shall be suitably terminated on Digital Distribution Frame. All the wiring shall be done in accordance with wiring instructions given in as per Annexure-D.[SOR-2021 for S&T works- Sch 'C' item no.21]							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 2-Non-SOR-Supply of Telecom Material							304519017.70	Above/ Below/Par
12	0	240.00	Numbers	44627.77	10710664.80	AT Par	10710664.80	
	Description:- Supply of covered 1 9 ' ' Racks of size 2 2 0 0 m m X 600 m m X 600 mm (WQ/Vero President/Rittal/APC/Netrack make or similar) complete with all fittings including DC Fans (48 V) - 2 Nos, separator sheet/plate t o keep testing equipments - 1 N o and AC Power distribution panel (horizontal fitting) with power sockets and fuse/MCB protection (minimum 6 Nos of 230V- 15A/5A. combined) and other accessories. Rack should have compatibility with all equipment conforming to DIN 41494 or equivalent EIA/ISO/EN standard, Manufacture must certify that products are complied with DIN41494 or equivalent EIA/IISO/EN/CEA/UL standards. (Specification as per Annexure B) (Inspection Authority: RITES)							
13	0	240.00	Numbers	3090.90	741816.00	AT Par	741816.00	
	Description:- Supply o f D C Power distribution panel t o cater D C power requirements o f IPMPLS/ STM Multiplexers/ PD Mux/ EOW / FANS to be fixed in 19" rack. (Minimum 8 Nos of DC distribution arrangement with MCB's of suitable rating for -ve. (Connecting copper strip for +ve), material should be of reputed make. (Inspection Authority: Representative of Railway Engineer).							
14	0	2000.00	Numbers	95.34	190680.00	AT Par	190680.00	
	Description:- Supply of optical patch cords with FC PC/SC PC to SC PC/LC PC connectors (10 mts long) as per RDSO specification No. RDSO/SPN/TC/69/2007 Rev.0 o r latest, s o a s t o suit t he OFC terminations a nd t he IPMPLS equipment supplied. (Inspection Authority: Representative of Railway Engineer).							
15	0	240.00	Numbers	2473.11	593546.40	AT Par	593546.40	
	Description:- Supply of DDF (120 Ohms) for terminating 1 6 E1s o f wrapping type and mountable o n 19" rack. (Maximum width 2U size) of reputed make. (Inspection Authority: Representative of Railway Engineer).							
	0	500.00	Metre	49.38	24690.00	AT Par	24690.00	
16	Description:- Supply of switch board cable 0.5 mm/10 pair as per Specification No GR/WIR-06/03 Mar2002 or latest o f Accepted make: Finolex/Havells/ Delton o r similar. (Inspection Authority: Representative of Railway Engineer).							
17	0	2000.00	Metre	232.60	465200.00	AT Par	465200.00	
	Description:- Supply of switch board cable 0.5 mm / 50 pair as per Specification No GR/WIR-06/03 Mar2002 or latest o f Accepted make: Finolex/Havells/ Delton o r similar. (Inspection Authority: Representative of Railway Engineer).							
18	0	30.00	Numbers	5583.59	167507.70	AT Par	167507.70	
	Description:- Supply of 10/100/1000 Base-T Copper Ethernet Transceiver SFP Module with all accessories. (Inspection Authority: Representative of Railway Engineer).							
19	0	7000.00	Metre	37.00	259000.00	AT Par	259000.00	
	Description:- Supply of UTP CAT 6 cable (roll in 305 Mtrs.). Make:- AMP or Molex. Material Inspection Representative of Railway Engineer.							
20	0	5000.00	Metre	27.00	135000.00	AT Par	135000.00	
	Description:- Supply of 6 Fiber Armoured OFC Cable Single Mode OFC for laying over the Platform Shed as per latest TEC/BSNL Specification. Inspection Representative of Railway Engineer.							
21	0	5000.00	Metre	13.15	65750.00	AT Par	65750.00	
	Description:- Supply of PVC insulated armoured 3 core 2.5 sq.mm., Multistrand, 14 AWG, 1.1 KV Grade outdoor strengthen copper for UPS power supply distributions as per BIS/ISI standards and all accessories required for installation. Conforming to IS:1554 Part-I, Make: Delton/Finolex or similar, Inspection Representative of Railway Engineer.							
22	0	15.00	Numbers	18488.92	277333.80	AT Par	277333.80	
	Description:- Supply of Tool Kit consisting o f Optical power meter (Fiber shot 9990V), Multimeter (Fluke 101), Ethernet Crimping Tool (Standard Make), Console cable (Cisco=RJ45-DB9),Wrist r ipper (Standard Make), Universal Spanner Set (Taparia),Screw Driver Set (Taparia- 7 Pieces set), Cutting plier (Taparia), Wire Stripper, Industrial grade USB t o Serial cable with a ll accessories o r Similar. (Inspection Authority: Representative of Railway Engineer).							
23	0	10.00	Numbers	9625.35	96253.50	AT Par	96253.50	
	Description:- VJ Interior 915 mm x 460mm, Executive Computer Table (VJ-B145-B5) or latest. Inspection by Rep. of Railway Engineer.							
	0	20.00	Numbers	7162.62	143252.40	AT Par	143252.40	

24	Description:- CHAIR of Godrej make. Model No. OXBO VISITOR CHAIR or latest. Inspection by Rep. of Railway Engineer.						
25	0	5.00	Numbers	25616.10	128080.50	AT Par	128080.50
	Description:- Plain Storage Almirah, Model no.-STSTW000 (Large) or latest. Make: Godrej. Inspection by Rep. of Railway.						
26	0	10.00	Numbers	41300.00	413000.00	AT Par	413000.00
	Description:- Supply of ALL-in-One PC model no. HP-AIO-22-dd0401 IN or similar with internal memory of 1TB HDD storage 7200 rpm SATA HDD and processor AMD Ryzen 3, 2 Super Speed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 headphone/microphone combo. Material Inspection by Representative of Railway Engineer						
27	0	5.00	Kilometre	79115.00	395575.00	AT Par	395575.00
	Description:- Supply of 40 mm dia permanently lubricated HDPE telecom: ducts (with chord) as per RDSO SPEC. No. RDSO/SPN/TC/45/2013 Rev. 2.0 with latest amendments or Latest in length of 1000 mtrs/roll for each km. Of HDPE duct following item are to be supplied (a) end plugs- 2 nos. (b) cable sealing plugs -2 nos .(c) plastic couplers slip fit /push fit type - 2 nos. (d) end caps to be provided along with drum- 2 nos. Colors advised for pipe is 50% bright Orange & 50% bright Green. The following materials are to be supplied with every lot of 10km (i) Rotary duct cutter - 1no. (ii) C spanner - 1no. (iii) Chamfering tool - 1no. Inspection by Rep. of Railway Engineer.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 3-Non-SOR-Execution of Telecom Execution							38958200.24	Above/ Below/Par
	0	238.00	Numbers	21825.58	5194488.04	AT Par	5194488.04	

1	Description:- Installation of IP MPLS Routers and switches, with power distribution panel and all accessories in the Rack, DDF, Aluminum runway ladder, patch cord etc. and their testing and commissioning. This includes termination of all E1's on DDF, connection of pigtails, optical patch cords and 48 V bus to the IPMPLS equipment including supply of wires and connectors. It also includes transportation, installation of 19" rack, provision of Aluminum runway ladder, casing and capping and conduit pipe as per requirement at each station as per the instruction of site Engineer. (Conduit pipe/ casing and capping, aluminum runway ladder and all other miscellaneous materials should be supplied by the contractor). Installation as per the Annexure "A"							
2	0	3.00	Job	150249.52	450748.56	AT Par	450748.56	
	Description:- Integration, Testing and Final commissioning of equipments at each station for all the equipments as per the instruction of site Engineer and confirming with the approved system design including end to end testing for realization of optical fiber system. This also includes supply of all as made documents for the entire section (six copies) plus technical, maintenance and installation manuals for IPMPLS, NMS, Charger and Power Supply unit.							
3	0	5000.00	Metre	35.14	175700.00	AT Par	175700.00	
	Description:- Laying of STP/OFC/Power Cable/Switch board (10 pair/ 20 pair/50 pair) Cables in 1 " PVC conduit/case capping and clamping on the wall/ Wall/Roof tops/ Shelters with suitable clamping and hose to be provided where ever bends/ curves, as per the instruction of site Engineer. (PVC conduit/ Case capping and other accessories to be supplied by the contractor)							
4	0	60.00	Man-Week	16369.19	982151.40	AT Par	982151.40	
	Description:- Training of Railway staff at the factory premises of manufacturer of IP-MPLS equipment (or) at a reputed training institution as approved by railway executive in charge as per RDSO technical document no. STT/TAN/IP-MPLS/2020 Ver 2.0 or latest.							
5	0	20.00	Numbers	31923.62	638472.40	AT Par	638472.40	
	Description:- Supply, Installation, Testing and Commissioning of 24 port (fully loaded with 12 optical and 12 electrical SFP's) manageable Layer 2 switch as per spec. No: RDSO/SPN/TC/65/2021 Ver 6.0 or latest.(Inspection Authority: RDSO)							
6	0	220.00	Numbers	128351.70	28237374.00	AT Par	28237374.00	
	Description:- Supply, Installation, Testing and Commissioning of 24 port manageable Layer 3 switch with 4 Nos of 10G SFP port (fully loaded) and 24 Nos of GE port (fully loaded with 12 optical and 12 electrical SFP's) with all accessories as per Spec. No : RDSO/SPN/ TC/ 83/2020 Ver 2.0 or latest. (Inspection Authority: RDSO)							
	0	6.00	Numbers	79061.09	474366.54	AT Par	474366.54	

7	Description:- Supply and installation 55 inch UHD monitor 4K with minimum specification are as under: Display Size: 55 inch, Screen Type: LED, Smart TV: YES, Resolution Standard: 4K, Resolution (pixels): 3840x2160, No of HDMI Port: 2 or more, No of USB Port: 2 latest or more,. Built in Wi-Fi: YES, Ethernet (RJ45): 1 or more, Analog Audio Input: YES, Speaker Output RMS: 20 W or higher, Remote: YES Android App support, Operating System Present: Android,. Screen Mirroring: YES, Supported Video Formats: MPEG1/ MPEG2TS/ AVCHD/MP4/AVI/WMV/ LPCM/ MP3/WMA/JPEG or any other Accepted Make: LG/Samsung/Sony or similar. (Inspection Representative of Railway Engineer).						
8	0	10.00	Numbers	100964.43	1009644.30	AT Par	1009644.30
	Description:- Supply & installation of PC Workstation/ Maintenance Console and it shall comply with Para no. H of RDSO Document No. STT/TAN/IP-MPLS/2020 Ver 2.0 or latest. (Inspection Authority: RDSO)						
9	0	2000.00	Metre	43.32	86640.00	AT Par	86640.00
	Description:- Supply and fixing of PVC Conduit Pipe minimum 35 mm Dia. ISI Mark. Installation of PVC Pipe, clamping of the same on Wall, Pole etc. including with required clamps & and all the installation materials required. (Inspection Authority: Representative of Railway Engineer)						
10	0	5000.00	Metre	4.67	23350.00	AT Par	23350.00
	Description:- Blowing / drawing of OFC 24F/12F/6F Power Cable and CAT Cable (including crimping) through Duct, DWC, PVC Conduit/Casing Capping, Trough already installed.						
11	0	3000.00	CORE	36.94	110820.00	AT Par	110820.00
	Description:- Splicing/Dropping/Termination of each Fiber / Pigtail in the LIU/FDMS/Termination Joints through fusion Splicing of the termination of OFC Cables. [Detailed Specification in Technical Document].						
12	0	150.00	Numbers	10496.30	1574445.00	AT Par	1574445.00
	Description:- Supply and Termination at Wall/Rack Mountable 12 Fiber FDMS 12 SC Type FDMS loaded with SC '0' DB & Adaptor SC SM Pigtail 1.5 meters all accessories required for installation suitable for splicing and front patching of 12 fiber cable with all accessories and terminating the optical fiber with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord for and all other materials required for the splicing are to be supplied by the contractor.[Detailed Specification in Technical Document] Inspection : RITES						

