

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

**Expression of Interest for Selection of Partner from Empanelled Business Associate for South
West Central Railway, Tender No. JBP-SnT-CONST-TENDER-132**

For

**Supply, Installation, Testing and Commissioning of Integrated Tunnel Communication
Systems, OFC/quad/leaky cable & provision of Emergency Call Points etc in tunnels and
stations in connection with New Broad Gauge line in REWA-SIDHI section of Jabalpur
Division in West Central Railway.**

EOI No: RCIL/WR/MUMBAI/MKTG/2024-2025/007 Dated: 02ND January- 2025

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/2024-2025/007 Dated: 01st January- 2025

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 “Supply, Installation, Testing and Commissioning of Integrated Tunnel Communication Systems, OFC/quad/leaky cable & provision of Emergency Call Points etc in tunnels and stations in connection with New Broad-Gauge line in REWA-SIDHI section of Jabalpur Division in West Central Railway.”

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	10/01/2025 at 16:00 Hours
2	Opening of Technical Bid of EOIs	10/01/2025 at 16:30 Hours
3	Number of copies to be submitted for scope of work	One
4	EOI fees inclusive tax (Non-refundable)	Rs. 11,800/- with tax
5	EMD for Pre-Bid Arrangement	Total EMD: Rs.1,44,230/- 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. Mangesh Dahiwile

Designation : Senior Manager/ Marketing

E-Mail Address : mangeshd@railtelindia.com

Mobile No : +91- 9730094171

2. Level 2

Contact Name : Sh. Anand Kumar,

Designation : Joint General Manager/ Marketing

E-Mail Address : anandnkn@railtelindia.com

Mobile No : +91- 9004444107

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.

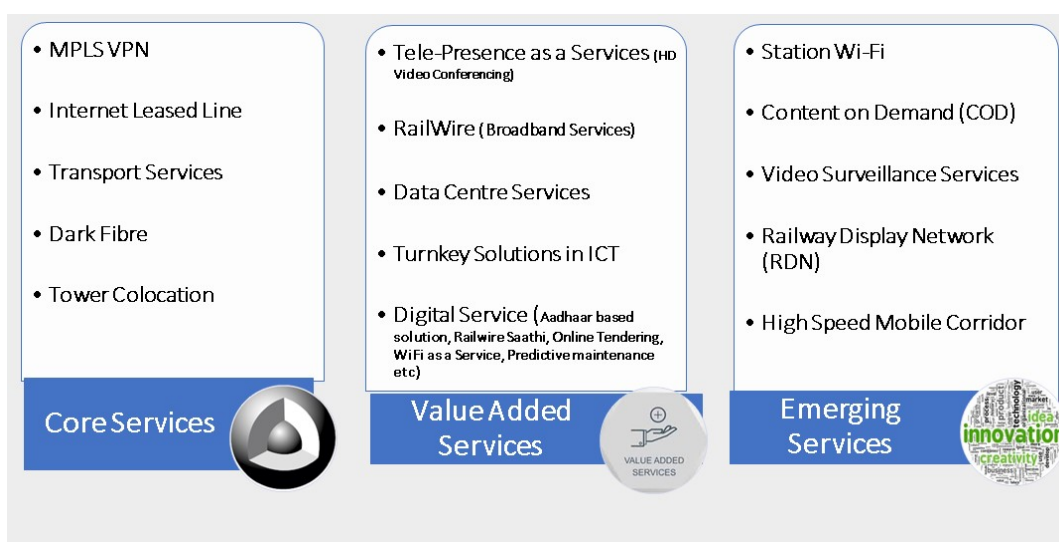
RailTel has approximately 65000+ kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon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

Supply, Installation, Testing and Commissioning of Integrated Tunnel Communication Systems, OFC/quad/leaky cable & provision of Emergency Call Points etc in tunnels and stations in connection with New Broad Gauge line in REWA-SIDHI section of Jabalpur Division in West 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)

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.

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

4.5.1 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.

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

4.5.3 **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 BusinessAssociate whichever is later.

4.5.4 **Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD) and or Penal action asper EMD Declaration:**

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

4.5.4.2 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.

4.5.5 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 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 partner/all consortium members 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 partner should have cumulative turnover of at least INR 20 Cr. for last three years.	Turnover Certificate issued by the Chartered Accountant for sole partner / consortium partners. Certificate should contain UDIN no. issued by ICAI
iii)	Sole partner/ all consortium members should also have a positive net worth & be profitable in each of the last 3 financial years.	Positive Net Worth and Profitability Certificate issued by the CA for the last three financial years. Certificate should contain UDIN no. issued by ICAI.
B)	Technical Conditions	
iv)	Similar Nature of Work : " Any Telecom	PO Copies along with client's

S No	Particulars	Criteria for Tender Package
		(Mandatory Compliance & Document Submission)
	Indoor work of Networking/ STM/IPMPLS/Radio System along with outdoor work involving OFC/Quad cable/ Leaky cable / Radio System in Railway telecom network "	Certificate and performance certificate
v)	Certifications: 1) ISO 9001:2015	Copies of Certificates (priority will be given to higher level of certifications)

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.

**DY CSTE-C-JBP-S AND T/WEST CENTRAL
RLY TENDER DOCUMENT**

Tender No: JBP-SnT-CONST-TENDER-

Closing Date/Time: 15/01/2025 15:00

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

**DY CSTE-C-JBP-S AND T/WEST CENTRAL
RLY TENDER DOCUMENT**

Tender No: JBP-SnT-CONST-TENDER-

Closing Date/Time: 15/01/2025 15:00

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
- The arbitration proceedings shall be conducted in accordance with the (Indian) Arbitration and Conciliation Act, 1996 and amendments thereof.
 - The place of arbitration shall be Mumbai.
 - The arbitrator's award shall be substantiated in writing and binding on the parties.
 - The proceedings of arbitration shall be conducted in English language.
 - 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 remainder 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

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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

Authorized Signatories

EMP No. _____

EMP No. _____

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1. NIT HEADER

Name of Work	Supply, Installation, Testing and Commissioning of Integrated Tunnel Communication Systems, OFC/quad/leaky cable & provision of Emergency Call Points etc in tunnels and stations in connection with New Broad Gauge line in REWA-SIDHI section of Jabalpur Division in West Central Railway		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	15/01/2025 15:00	Date Time Of Uploading Tender	18/12/2024 16:12
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	124065804.42	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	770300.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/01/2025	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

Annexure -- Price bid as per the format of the WCR Tender

Annexure – (1) Tender floated by WCR (Items Selected for EoI)

2.SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule A-Supply Portion							104779989.80	
26	26	3.00	Numbers	36175.65	108526.95	AT Par	108526.95	
	Description:- Supply of Amplifier 2400W ahuja LXA 2400 or equivalent . INSPECTION BY CONSIGNEE							
27	Please see Item Breakup for details.				150557.80	AT Par	150557.80	
	Description:- Supply of PA Amplifier INSPECTION BY CONSIGNEE							
34	34	5.00	Numbers	1043.76	5218.80	AT Par	5218.80	
	Description:- Supply of Krone tool. INSPECTION BY CONSIGNEE							
47	47	4.00	Numbers	15504.38	62017.52	AT Par	62017.52	
	Description:- Supply of office Table similar to model 'T-104' Godrej make-or similar. Dotted embossed cable duct and perforated steel modesty panel on visitors side. All steel components are epoxy powder coated after seven tank corrosion treatment of surface with three drawer on both side. Godrej or similar. INSPECTION BY CONSIGNEE							
48	48	4.00	Numbers	14072.95	56291.80	AT Par	56291.80	
	Description:- Supply of revolving chair similar to Godrej Greta 2.0 High Back . Make: Godrej or Similar. INSPECTION BY CONSIGNEE							
49	49	4.00	Numbers	20145.63	80582.52	AT Par	80582.52	
	Description:- Steel Almirah of size 1980H x 915 W x 485 D with 4 adujstable panels making 5 shelves (without locker for office use). Almirah shall be made from CRCA steel sheet of 20 gauge (for panel partition). Almirah shall be 100% epoxy powder coated Make Godrej or equivalent. INSPECTION BY CONSIGNEE							
	58	1.00	Numbers	962095.78	962095.78	AT Par	962095.78	

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58	Description:- Supply of automatic fusion splicer fully automatic RTC microprocessor controlled (ARC fusion type) splicer with VIDEO display, warm image processing, Heat oven, Fibre fixtures, battery backup, high precision fibre cleaver, stripping tool and other compatible accessories of Fuzikura model No. FSM-50S or equivalent model of Fuzitsu or Siemens or latest along with sufficient no. of splice protection sleeves and bottle of isopropyl alcohol to be supplied for test splice. As per TEC specification No GR/OSM/01/03 APR 2005 with latest amendments in force at the time of tender opening. INSPECTION BY RITES							
59	59	1.00	Numbers	689856.30	689856.30	AT Par	689856.30	
	Description:- Supply of Mini OTDR MTS-5100 suitable for 1310/1550 nm fibre with resolution of 60 cm dynamic range of 31/29 db or better with all accessories, USB drive with a flash ROM of minimum 1Gb, AC adaptor/Charger, Rechargeable battery, Manuals, Hard and Soft carrying case etc as per TEC specification No TEC/GR/TX/OTD 01/04 APR 2010 with latest amendments in force at the time of tender opening. INSPECTION BY CONSIGNEE							
60	60	4.00	Set	172546.79	690187.16	AT Par	690187.16	
	Description:- Supply of remote service terminal (with Laser Printer) fully compatible with Tunnel Communications service terminal shall be for any location as per Chapter - 2 of Part - II in tender document. INSPECTION BY CONSIGNEE.							
61	61	12.00	Numbers	8334.38	100012.56	AT Par	100012.56	
	Description:- Supply of office /visitor chair with seat padded with polyurethane foam visitor. These chairs should be non revolving type and the arms of chair should have cover for suitable length. Make: Godrej or Similar. Model No. - PCH7003, For Government Office,Offices, Size: 55w X 61d X 80.5h X 44 Sh Cm INSPECTION BY CONSIGNEE							
63	63	6.00	Numbers	8524.89	51149.34	AT Par	51149.34	
	Description:- Supply of fire extinguisher 4.5 Kgs,Co2 gas ISI make with test certificate, make Minimax, VINTAX or Similar. INSPECTION BY CONSIGNEE							
65	65	2.00	Set	3301809.44	6603618.88	AT Par	6603618.88	
	Description:- Supply of 55" LED Full HD Large Format Display (Qty -4 Nos.) as per RDSO Spec No RDSO/SPN/TC/65/2021, Rev 6.0 or latest with HDMI and DVI Ports complete with all accessories. It includes supply and installation of Matrix switch/Controller, Cables etc and LED wall Mount/ stand and all accessories required for installation as per technical specification attached in Chapter - 2 of Part - II in tender document. INSPECTION BY RITES							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B -Execution Portion							19285814.62	
1	1	3.00	Numbers	101588.13	304764.39	AT Par	304764.39	
	Description:- Installation, Configuration, testing, monitoring and Commissioning of Off-Air BDA/Main Base Radio Unit and linking with the Master unit for Re-broadcast. Also includes installation & configuration of NMS.							
2	2	10.00	Numbers	60952.88	609528.80	AT Par	609528.80	
	Description:- Installation, Configuration, testing, monitoring and Commissioning of Remote Optical unit along with required accessories. Also includes installation & configuration of NMS.							
3	3	3000.00	Metre	124.86	374580.00	AT Par	374580.00	
	Description:- Laying of RF Cable with Labelling with descriptions of antenna, component and accessories.							
4	4	11000.00	Metre	249.73	2747030.00	AT Par	2747030.00	
	Description:- Laying of 7/8" Leaky Radiating Cable and required accessories on tunnel wall along with required accessories, with contractors tools and labour etc complete.							
5	5	4.00	Numbers	33541.87	134167.48	AT Par	134167.48	
	Description:- Installation, Testing and commissioning of Desktop Call Station, full IP based handset and microphone, functional keys as per technical specification etc all complete.							
6	6	60.00	Numbers	19680.70	1180842.00	AT Par	1180842.00	
	Description:- "Installation, Testing and commissioning of IP Horn Type PA Speaker, with mounting arrangement and all accessories etc all complete as per technical specifications. The material should be corrosion free.							
7	7	18.00	Numbers	1138.90	20500.20	AT Par	20500.20	
	Description:- Installation, Testing and commissioning of IP 66 Cabinet for the installation of Emergency Audio call station.							
	8	6.00	Numbers	16735.57	100413.42	AT Par	100413.42	

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8	Description:- Installation, wiring and testing of battery sets and battery chargers for optic fibre circuits. This includes installation of AC and DC power supply distribution board with MCB's of suitable rating, wiring of external alarm contacts, Fixing arrangements for battery and charger in the equipment room with 25 sq.mm Multistrand single core Copper cable PVC insulated from Battery charger to Battery with suitable copper lugs crimped/soldered to it , 16 sq.mm Multistrand single core Copper cable PVC insulated from battery charger to power distribution panel in the rack with suitable copper lugs crimped/soldered to it . Connection from Battery Charger body and battery+ve terminal to Earth terminal by 16 Sq.mm Multistrand single core Copper cable PVC insulated seperately with suitable copper lugs crimped/soldered to it and Extension of AC 230V power supply wiring through PVC pipe with 6 sqmm cu.wire for phase & neutral and 1 sqmm cu .wire for earth to the 19" rack (Copper cables , 20A metal clad with MCB for AC supply to fix in the wall , conduits and other miscellaneous materials required for the work should be supplied by the contractor.(Inspection by Consignee). This work also includes transportation of materials from stores/supplied by Railways for installation.						
9	9	1500.00	Metre	39.66	59490.00	AT Par	59490.00
	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 (PVC conduit/ Case capping and other accessories to be supplied by the contractor).						
10	10	2.00	Station	169572.61	339145.22	AT Par	339145.22
	Description:- Integration, Testing and Final commissioning of equipments at each station for all the equipments conforming with the approved system design including end to end testing for realization of optical fibre system. This also includes supply of all as made documents for the entire installations plus technical, maintenance and installation manuals for Tunnel Communication and VSS project.						
11	11	12.00	Per Unit	77691.61	932299.32	AT Par	932299.32
	Description:- Installation, wiring and testing of switches, routers, patch panel, UTS modem or other Equipments related with Tunnel Communications, as per instruction of site Engineer. Per Unit = Per Location						
12	12	10.00	Numbers	12420.52	124205.20	AT Par	124205.20
	Description:- Splicing of 24 fiber optic fiber cable and making the splice joint with contractor's own splicing machine and tools. Joint should be prepared in such a way that the top of the enclosure shall be at a depth of 1.2 Mtr. and the enclosure must be covered with sand. Acceptance Test procedure of WCR has to be followed for testing. Continuity of the OFC Armour should not be maintained.						
13	13	15.00	Numbers	2634.30	39514.50	AT Par	39514.50
	Description:- Transportation and installation of Fiber Management System and splicing, and termination (2 x 24) or (2 x 48) optic fiber cable of the both ends as per site requirements, complete with all required materials and accessories at contractors own cost.						
14	14	8.00	Numbers	1467.52	11740.16	AT Par	11740.16
	Description:- Writing work of cable termination details of 6-quad, OFC, PIJF and other cables & equipments details at OFC Room/Cable hut/VSS Control Rooms & Station Building and wherever necessary as per direction of Engineer in-charge.						
15	15	5.00	Numbers	8714.57	43572.85	AT Par	43572.85
	Description:- Construction on main hole of size 1mtr.dia and 600mm deep ferro cement joint box for OFC Joints.The main hole shall have a thickness of 50 mm . and shall be as per drawing attached. (The top cover RCC Slab of the main hole should have a thickness of 75 mm) Drg. No.SK/DRM (S&T)/JBP/OFC/010 & 011.						
16	16	14.00	Numbers	4963.61	69490.54	AT Par	69490.54
	Description:- Supply, Fixing and Wiring of Cable Termination box for 26 conductors 0.5-0.9 sq mm with screw type terminals consisting of the following parts complete of Phoenix Contact make or of Wago/Connectwell make. Fixing to be done as per instructions of Railway supervisor at site. Protection devices at Tunnel openings or other locations (supplied under this schedule) shall be provided on the terminals where jelly filled cable terminated. INSPECTED BY CONSIGNEE						
17	17	4500.00	Metre	36.53	164385.00	AT Par	164385.00
	Description:- Laying of Power cable through one inch dia PVC conduit pipe/HDPE pipe. The rate include laying and installation/clamping charges of PVC pipe/HDPE pipe with protective arrangements in addition to laying of Power cables.						
18	18	100.00	Numbers	302.55	30255.00	AT Par	30255.00
	Description:- Supply and installation/fixing of Wall Mountable RJ45 Socket and Face Plate with shutter and network module as per instructions of site engineer. INSPECTION BY CONSIGNEE						
19	19	4500.00	Metre	27.40	123300.00	AT Par	123300.00
	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 (PVC conduit/ Case capping and other accessories to be supplied by the contractor)						
	20	12.00	Kilometre	92796.66	1113559.92	AT Par	1113559.92

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20	Description:- Excavation of trench 1.20 mtr deep,300mm wide at the bottom along main line in all type of soil, including clearing of bushes, trees etc and refilling of the trench by excavated soil and ramming after laying of the required quantity of cables as per instructions of Engineer at site. The work also includes excavation of trenches in the beds of culverts. If it is not possible to reach the required depth at any location, then the contractor shall obtain prior approval of Engineer-in-charge before commencement of cable laying process and only then shall the proportionate payment be made to the contractor.						
21	21	2.00	Kilometre	158690.56	317381.12	AT Par	317381.12
	Description:- Excavation of cable trench 300 mm wide at the bottom and 1.20 meter deep in hard soil mixed with boulders/ hard murum soil in rocky area including clearing of trees, bushes and refilling of cable trench by excavated soil, murrum, boulders etc. Care should be taken while refilling the cable trench such that the murrum/ boulders etc does not damage the cable. Ramming after laying of cable (a) 24 Fiber OFC (b) 6-quad (c) Jelly filled & power cable etc, Where desired dimensions could not be achieved, proportionate payment will be made as per instructions & approval of Engineer in-charge of the Railway at site.						
22	22	100.00	Metre	253.73	25373.00	AT Par	25373.00
	Description:- Excavation of cable trench 1.2 mtr deep, 300mm wide at the bottom across the track, for track crossing and refilling after laying of DWC/GI and HDPE duct. The work shall be executed as per instructions of Rly. Engineer at site. Two Nos. of nylon ropes shall be drawn inside the DWC/GI and HDPE duct so laid for pulling of telecom/OFC cable as well as HDPE Duct by the Contractor.						
23	23	520.00	Metre	268.23	139479.60	AT Par	139479.60
	Description:- Excavation of cable trench 300mm wide at the bottom and 1.20 meter deep at all type of road crossing/platform and ramming of the trench restoration of the surface to it original condition after laying of OFC cable through DWC pipe.						
24	24	12.00	Kilometre	10208.45	122501.40	AT Par	122501.40
	Description:- Transportation and Laying of HDPE duct as per approved cable route plan in the excavated trench, taking due care while transporting and laying the same in the trenches or other protective works. Both the ends of the duct should be sealed with end plugs before laying and should remain sealed till blowing is done.						
25	25	12.00	Kilometre	34896.78	418761.36	AT Par	418761.36
	Description:- Blowing and drawing of OFC through laid HDPE duct already provided in the excavated trench as per approved cable route plan, taking due care while transporting and sealing both the ends after laying. The cable should be blown according to the technical conditions and the instructions of the site in-charge.						
26	26	300.00	Metre	268.23	80469.00	AT Par	80469.00
	Description:- Cutting of all types of Roads / platforms and digging of cable trench 450 mm wide at the top 300 mm wide at the bottom and 1.65 meter deep at railway station area and ramming of trench and restoration of platform to it original condition. This also includes laying of any No. of DWC/RCC/GI pipes, as per requirement. The work shall be done as per extant practice on WCR and instructions of Rly engineer at site. The pipe will be supplied by Rly.						
27	27	12.00	Kilometre	7723.25	92679.00	AT Par	92679.00
	Description:- Laying of 6 quad /jelly filled cable as per approved cable route plan in the excavated trench, taking due care while transporting and sealing both the ends after laying. The cable should be laid according to the technical conditions and the instructions of the site in-charge.						
28	28	27000.00	Numbers	4.57	123390.00	AT Par	123390.00
	Description:- Supply and laying of well burnt second class bricks of size 225mm x 100mm x 75mm approx. on laid cable in station area i.e. Outer/Home signal to outer/Home signal and yard and where ever necessary as per directive of Engineer in-charge.						
29	29	300.00	Metre	103.73	31119.00	AT Par	31119.00
	Description:- Fixing & laying of 100MM/80mm dia G.I. pipe (Supply of GI Pipe is covered separately in Schedule "A") on parapet wall/ roof of culverts, including masonry work at both ends with contractors own material and bending of the pipe at the both ends etc. as per directive of Engineer in- charge. Perforation should be done before laying of GI pipes.						
30	30	200.00	Metre	71.19	14238.00	AT Par	14238.00
	Description:- Fixing of GI pipe 100/80 mm dia to carry all the cable at the cabin,station,cable hut,and other building etc with contractors own material. GI pipe supplied by Rly.						
31	31	200.00	Metre	865.37	173074.00	AT Par	173074.00
	Description:- Preparation of cable way 150 mm wide at the bottom and 300 mm deep in Rocky area / Tunnels (As a special case) and refilling the same after cable laying with concrete mixture at proportional 1:3:6 and grouting the end at either side of the rocky portion using concrete mixture with contractors own material. Laying of cables is covered in separate item (In the matter of protection of Telecom cables in Tunnels between CC ducts, the officer-in-charge will decide how to operate this item).						
	32	150.00	Metre	2364.09	354613.50	AT Par	354613.50

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32	Description:- All work pertaining to Horizontal Directional Drilling (HDD) / Boring and trenchless cabling. It includes supply, transportation and insertion of self lubricated HDPE Pipe in boring under the Track/Road/Platform/Tunnels/Circulating area by using different sizes of pipes depending on total no. of cables will be crossed. The depth of horizontal boring decided by officer in-charge as per site requirements.					
33	33	200.00	Numbers	924.46	184892.00	AT Par 184892.00
	Description:- Supply, Installation, Engraving and Painting of cement concrete (a) cable route marker @ 50 mtr distance, (b) Joint Marker for OFC (c) Joint Marker for 6 Quad as per drawing No. WCR/TELE/OFC/07/03. Sample to be approved by Engineer in-charge of the railways before supply, after the testing prescribed in the drawing.					
34	34	6.00	Numbers	4963.61	29781.66	AT Par 29781.66
	Description:- Fixing and supply of screw type terminals for conductor size 0.5-0.9 sqmm in 19" 42 U euro rack and cable termination panel(to be supplied seperately under this schedule) by fixing hylum strip of 10 mm thickness of suitable length and breath consisting of the following parts complete of phoenix contact make or wago/connectwell make.All fixing materials and hylum strips should be supplied by the contractor.Fixing to be done as per instructions of railway engineer at site, Each incoming and outcoming conductor of under ground jelly filled cable shall be provided with surge protection device.					
35	35	32.00	Numbers	10930.60	349779.20	AT Par 349779.20
	Description:- Installation of maintenance free earth. (a) Digging/Auguring/Boring of single earth pit of 100 mm to 125 mm dia to the depth of approximate 2.8 M. (b) Insertion of 3 Mtr electrode and penetrating it at least 0.2 mtr. By pushing gently with sledge hammer where the neutral soil is assumed. (c) Filling of earth pit with earth enhancement compound (EEC) in slurry form and back filling. (d) Carrying out exothermal weld connection on the copper tape of 150 x 25x 6 mm. (e) Carrying out exothermal weld connection on the copper tape of 150 x 25x 6 mm on earth electrode for connecting two 35 sq.mm cable for redundancy. (f) The exothermal welding material for bonding the earth system shall be procured from RDSO approved firms which include graphite moulds, clamps, weld metal powder. (g) 300 mm x 300 mm x 300 mm (inside dimensions) concrete earth pit with a concrete lid approximately 50 mm thick with pulling hooks shall be provided to cover the pit. Back side of the cover will be painted in black and date of testing and average earth resistance value shall be written.					
36	36	12.00	Numbers	4676.28	56115.36	AT Par 56115.36
	Description:- Fabrication, Fixing , Grouting and cable termination of EC socket of EC socket assembly complete with termination of 6 quad & jelly filled cable with contractor own material.					
37	37	6.00	Per Unit	638890.00	3833340.00	AT Par 3833340.00
	Description:- Installation, Testing and commissioning of Emergency Call, Service Telephone and PA system Hardware controller, with all required accessories as per technical specification. The System should function as one network giving redundancy to server provided at other station. Per unit = Per Tunnel					
38	38	30.00	Numbers	1033.48	31004.40	AT Par 31004.40
	Description:- Installation, Testing & Commissioning of 6U Network Rack					
39	39	10.00	Per Block Section	36475.34	364753.40	AT Par 364753.40
	Description:- Preparation of as built final cable route plan (For OFC, 6Q, PIJF as well as other telecom cables) and circuit diagram of VSS Sub-stations/Control Rooms/Master Control Room in laminated sheets and on Auto Cad for the section .This include supply of necessary documents on tracing paper along with five prints of cable route plan, Jointing and Splicing schedule. Telecom Cable Hut wiring diagram etc. Contractor shall also supply the Auto Cad documents in CD. Per Block Section = Per Block Section / Per location					
40	40	18.00	cum	4123.88	74229.84	AT Par 74229.84
	Description:- Providing brick masonry in the ratio of 1:6 cement and sand including plastering 20mm thick on each side with contractor own 2nd class bricks.					
41	41	98.00	cum	3929.10	385051.80	AT Par 385051.80
	Description:- Provision of cement concrete 1:3:6 with 25 mm graded stone aggregate and curing of the same as per above NOTE.The CC work is to be done at the location approved by engineer incharge.					
42	42	1500.00	Metre	39.66	59490.00	AT Par 59490.00
	Description:- Laying of STP/OFC/Power Cable/Swich 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 (PVC conduit/ Case capping and other accessories to be supplied by the contractor)					
43	43	20.00	Numbers	19278.02	385560.40	AT Par 385560.40
	Description:- Installation, commissioning including all necessary fittings, joints etc. of self-supporting antenna Galvanized mast for VHF Simplex System with all accessories duly painted in Red & White alternate bands conforming to Fig. 2 of RDSO Spec. No. RDSO/SPN/TC/109/2023 Ver 1.0 or latest to establish tunnel communication in schedule A.					

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44	44	300.00	Metre	3094.59	928377.00	AT Par	928377.00	
	Description:- Transportation, installation, testing and commissioning of Higher Lattice (Guyies) or Self Support Mast. The sections should be painted orange/red and white alternatively.							
45	45	120.00	cum	3404.58	408549.60	AT Par	408549.60	
	Description:- Excavation of concrete foundation. All the material required are to be supplied by the contractor. This includes 1) Cement concrete foundation of size approx 1meter x 1meter x 1meter shall be prepared for Lattice (guyies) mast. The exact size shall be decided on soil conditions. 2) Cement concrete foundation of size approx 2 meter x 2meter x 2meter shall be prepared for self supported mast. The exact size shall be decided on soil conditions. 3) The ratio of casting of cement concrete foundation shall be 1:3:6 all the work will be executed as per specification and advised by site engineer As per attached drawing. Qty. unit treated as Cu. Meter.							
46	46	2.00	Set	825452.36	1650904.72	AT Par	1650904.72	
	Description:- Calibration, Testing and Installation of 55" LED Display as per specification enclosed (QTY-4 numbers). It includes all accessories required for installation as per specification enclosed.							
47	47	2.00	Numbers	64061.13	128122.26	AT Par	128122.26	
	Description:- Installation Testing and Commissioning of PC WorkStation for Viewing, Monitoring and System Management [Detailed Specification in Technical Document].RDSO Spec No. RDSO/SPN/TC/65/2021, Rev 6.0 or latest.							

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