

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

EOI NO. RCIL/SR/ERS/2024-25/EOI/1 DTD. 22-04-2024

Expression of Interest (EOI)

For

**“STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION
SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION,
ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION”
OF SOUTHERN RAILWAY**



Issued by:

RailTel Corporation of India Ltd

(A Mini-Ratna PSU under Ministry of Railways)

Kerala Territory Southern Region,

1st Floor Eastern Entry Tower Ernakulam Junction

Railway Station Ernakulam, 682016

Disclaimer

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

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

EOI NOTICE

RailTel Corporation of India Limited,
Kerala Territory Office,
1st Floor, Eastern Entry Tower,
Ernakulum South Railway Station, Ernakulam-682016

EOI NO. RCIL/SR/ERS/2024-25/EOI/1 DTD. 22-04-2024

RailTel Corporation of India Ltd., (here after referred to as “RailTel”) invites EOIs for Selection of Partner for “STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION” (here after referred to as SOUTHERN RAILWAY), from RailTel Empaneled Business Associates for exclusive TEAMING ARRANGEMENT for the following

“STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION “

The details are as under:

There will be three works under the EOI classified as Work 1, Work 2 and Work 3 pertaining to the section of ADSTE/TVC, ADSTE/QLN and DSTE/ERS respectively. The bidders may quote for individual works or all works together duly submitting the required Documents ,EMD etc as necessary. The Bidders are at Liberty to choose any section as per the BOQ and schedule enclosed.

DETAILS OF SCHEDULE IMPORTANT DATES & EVENTS FOR COMPLIANCE

Date of EOI Floating	22-04- 2024
Last date for submission of Bids against EOI	25-04-2024 at 15:00 Hours
Opening of Bids received against EOI	25-04-2024 at 15:30 Hours
Number of copies to be submitted	Single stage (Single Packet System)
EOI document cost incl tax (non refundable)	Nil
Total EMD for Work 1 Tender No TVC-GSU-SNT-23-24-19	Rs. 2,32,000 /-
EMD for Work 2 Tender No TVC-GSU-SNT-23-24-20	Rs. 2,03,900/-
EMD for Work 3 Tender No TVC-GSU-SNT-23-24-21	Rs. 2,07,800/-
Bid Validity Period	60 days
Bid Submission Mode	Through E-mail to - ers.eoi1-2024@railtelindia.com

NOTE : EMD to be submitted at the time of submission of bid .

Note: RailTel reserves the right to change the above dates at its discretion. Bids received after due date and time will be summarily rejected.

Sd/-
(JGM/TERRITORY MANAGER)
RailTel/Kerala Territory

Important information for Bidding

Earnest Money Deposit (EMD)

- 1) **EMD payable:** Rs. 6,43,700 /- at the time of submission of Eol in the form of **RTGS** only
- 2) **Remaining amount of EMD :** Remaining EMD if any to be submitted by the selected BA in the form of Bank Guarantee/Online Bank Transfer/Fixed Deposit immediately within 24 hrs on advise from RailTel before the submission of the bid to SOUTHERN RAILWAY.
- 3) **Validity of the EMD:** The EMD shall be valid till the finalization of end customer TENDER/Tender i.e award of order and till submission of Performance Guarantee of requisite value with due regards to the validity of the offer.
- 4) **Return of EMD:** The EMD of the successful BA will be adjusted towards the amount due as SD.
EMD of unsuccessful Bidders will be refunded by Railtel on finalizing the Eol.

Bids without token EMD will be summarily rejected.

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

RailTel Bank Details for Submission of EMD / PG :

Union Bank of India, **Account no.327301010373007, IFSC Code: UBIN0805050.**

Demand Draft shall be submitted in favor of RailTel Corporation of India Limited payable at Secunderabad.

Token EMD will be forfeited in case of non-submission of remaining EMD and PG in time.

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

Contact Details for this EOI:

Level: 1 Contact: Shri. Anish Rehman, Senior Manager /Marketing/Ernakulam

Email: arehman@railtelindia.com Contact: +91-9704659404

Level: 2 Contact: Shri. M. Pazhanivelan, Jt. General Manager/Ernakulam

Email: pazhani@railtelindia.com Contact: +91-9003144207

TABLE OF CONTENTS

SR. NO	DESCRIPTION	PAGE
1.	About RailTel	9
2.	Background of EOI	9
3.	Scope of Work & Partner Selection	10
4.	General Requirements and Eligibility Criteria for Interested Bidders	14
5.	Resources to be Deployed	15
6.	Proposal Preparation and Submission Cost	15
7.	Amendment to EOI Document	15
8.	Bid, PG, EMD & SD Key Information	16
9.	Right to Terminate the Process	16
10.	Language of Bid	16
11.	Submission of Bid	16
12.	Right to Accept / Reject any or all EOI Response	17
13.	Payment Terms	17
14.	Performance Guarantee (PG)	18
15.	Details of Commercial Bid / Financial Bid	20
16.	Duration of the Contract Period	20
17.	Restriction of 'Transfer of Agreement'	20
18.	Suspension, Revocation or Termination of Contract / Agreement	20
19.	Dispute Settlement	21
20.	Governing Laws	21
21.	Statutory Compliance	21
22.	Intellectual Property Rights	22
23.	Severability	22
24.	Force Majeure Clause	22
25.	Indemnity	22
26.	Limitation of Liability towards RailTel	23
27.	Confidentiality cum Non-disclosure	23
28.	Assignment	24
29.	Insurance	24
30.	Exit Management	24
31.	Waiver	25
32.	Changes in Contract Agreement	25
33.	Annexure - 01 (Experience Citation)	26
34.	Annexure - 02 (EOI Cover letter)	27
35.	Annexure - 03 (Local Content Compliance)-Blank	29
36.	Annexure - 04 (Checklist of Documents for Bid Submission)	30
37.	Annexure - 05 (Formation for Technical Bid Cover Letter)	31

38.	Annexure - 06 (Format for Commercial Bid)	32
39.	Annexure - 07 (Technical Compliance)	34
40.	Annexure - 8.1 & 8.2 (Price Bid)	35
41.	Annexure - 09 (Performa for Performance Bank Guarantee)	93
42.	Annexure - 10 (Non-Disclosure Undertaking)	95
43.	Annexure - 11 (Pre-Bid Agreement)	101
44	Annexure - 12 (Format for Affidavit)	111

Note to Bidders :

1. The response to EOI is invited from **Eligible Empaneled Partners of RailTel only**. The EOI is invited to select BA for facilitating RailTel to Bid for the above mentioned 3 Nos of tender FOR ALL THE THREE WORKS TOGETHER OR INDIVIDUALLY as per the option of the bidder and to complete the work if selected through Bidding process.
2. All the document must be submitted with proper indexing, page nos and signed in every pages
3. This is an exclusive pre-TENDER partnership arrangement with empaneled business associate of RailTel for participating in the end customer TENDER. Selected partner's authorized signatory has to give an undertaking that they will not submit directly or indirectly their bids and techno- commercial solution/association with any other Organization once selected through this EOI for pre- bid teaming arrangement (before and after submission of bid to prospective customer Organization by RailTel). **This undertaking has to be given with this EOI Response.**
4. Transfer and Sub-letting: The Business Associate has no right to give, bargain, sell, assign or sublet or otherwise dispose-off the Contract or 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.
5. Bidder has to agree to comply with all OEM technical & financial documentation including VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF, Technical certificates/others as per end-to-end requirement mentioned in the end customer's TENDER as applicable and further issued corrigendum's as mentioned below:

End customer Tender Ref. No.	TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dated 05- Apr-2024
Date of floating	22.04.2024
Due date	25.04.2024
Floated on portal	e-Procurement Portal of Indian Railways E-Procurement System (https://ireps.gov.in/epsn)

6. Bidder also to undertake to submit valid regulatory approvals / Certification of manufacture /VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF of major items of the proposed solution and other documents required in the end Customer Organization's tender in favor of RailTel against the proposed products. The selected BA has to provide VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF from the OEM in the name of RailTel for bidding in the concerned tender of SOUTHERN RAILWAY, if their proposed solution is quoted to the customer as applicable and required.
7. The selected bidder will have to accept all Terms & Conditions of SOUTHERN RAILWAY TENDER on back-to- back basis, wherever applicable.
8. Any corrigendum(s) issued by SOUTHERN RAILWAY against pertinent tender/TENDER shall be the part and scope of this EOI document on back-to-back basis and the BA's shall be on the lookout of corrigendum's issued from time to time by RCIL & SOUTHERN RAILWAY, in the interest of their own Bid.
9. No exemption/relaxation is applicable to MSME/Startups.
10. Only, the eligibility clause/criteria and marks scoring criteria for SI/BA (Prospective BA/SI) as mentioned in SOUTHERN RAILWAY's TENDER is not applicable on the Bidder/BA applying against this EOI. Rest all Terms & Conditions of TENDER floated for pertinent tender will be complied by SI/BA/Bidders.
11. However, OEM considered by SI/BA for this project have to mandatorily comply all the eligibility & technical criteria/compliance on back-to-back basis in line with end customer TENDER and corrigendum(s) issued thereof.

12. Please refer SOUTHERN RAILWAYTENDER Payment terms as this will remain applicable on back-to-back basis on Successful bidders. Payment shall be made only after actual receipt of payment from SOUTHERN RAILWAY on submission of required documents.

13. Bidder may check the price/commercial bid as per BOQ and match the same with FORMATS FOR SUBMISSION OF THE COMMERCIAL BID of SOUTHERN RAILWAYTENDER and if found any discrepancy, maybe brought to the notice of RCIL immediately and may modify their financial bid format as per SOUTHERN RAILWAYTENDER financial bid document.

1 About RailTel (Please visit *railtelindia.com* for more insight)

RailTel Corporation of India Ltd (RailTel) is one of the largest neutral telecom infrastructure providers in the country owning a Pan-India Optic fibre network on exclusive Right of Way (ROW) along Railway track. The OFC network presently reaches to over 4500 towns & cities of the country including several rural areas. With its Pan India high-capacity network, RailTel is working towards creating a knowledge society at various fronts. The portfolio of services provided by RailTel includes Data Centre & DR services, Tele-presence as a service, NLD services, IP-1 services, Internet and Broadband services on a pan-India basis.

Equipped with an ISO 9001, 20000-1:2011 & 27000 certification, RailTel offers a wide gamut of managed telecom services to Indian Telecom market including Managed lease lines, Tower co location, MPLS based IP-VPN, Internet, Data Centre services, NGN based voice carriage services to Telecom Operators, Dark fibre leasing to MSOs/LCOs. The major customer segment for RailTel comprises of Enterprises, Banks, Government Institutions/Department, Educational Institutions/Universities, Telecom Service Providers, Internet Service Providers, MSOs, etc. RailTel being a “Mini Ratna (Category-I)” PSU is steaming ahead in the enterprise segment with the launch of various services coupled with capacity augmentation in its Core network.

The main Project of RailTel/ERS Territory on hand are KFON, KSWAN, Wi-Fi service at Kerala Govt. Secretariat ,E health Mission ,IOCL VSS Project etc.

2. Background of EOI

RailTel Corporation of India Ltd (hereafter referred to as ‘RailTel’) an ICT arm of Indian Railways has been in the forefront of building innovative platforms and solutions and vision to build range of Information and Communication Technology (ICT) Services for its customers.

In this context, RailTel intends to participate in response to the TENDER floated by SOUTHERN RAILWAY for the work in Trivandrum Division, as above (hereafter referred to as ‘SOUTHERN RAILWAY’) and accordingly seeks to select a suitable partner for pre-bid arrangement through this Eoi for the work of “STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DST/ERS SECTION OF TVC DIVISION”

Bidder has to agree to comply with all OEM technical & financial documentation including valid regulatory approvals / Certification of manufacture /VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF, Technical certificates/others as per end-to-end requirement mentioned in the end customer's TENDER. Bidder also shall undertake to submit VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF of major items of the proposed solution and other documents required in the end Customer Organization tender in favor of RailTel against the proposed products. The selected BA has to provide VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF from the OEM in the name of RailTel for bidding in the concerned tender of SOUTHERN RAILWAY, if their proposed solution is quoted to the customer, wherever applicable.

The details of tender are as below:

Tender Title: STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION, of SOUTHERN RAILWAY TENDER

Ref. No TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dated 05-04-2024; latest amendment/ Corrigendum / clarifications. Floated on: SOUTHERN RAILWAY E tenders portal (<https://ireps.gov.in/epsn>)

System Integrator (SI)/BA shall quote for single OEM/ make and model for each item description, subject to the confirmation of the given specification equivalence. The make and model shall be clearly mentioned in the proposal. However the subsystems/sub components offered shall be compatible with inter-operability to the main system, if different makes/models offered. Deviation to this will not be accepted/ shall be summarily rejected, Wherever applicable.

3. Scope of Work & Partner Selection

The scope of work will be as mentioned in the pertinent end Customer organization TENDER/Tender for **"STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION"** V i d e Ref No: TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dated **05-04-2024** on the website (<https://ireps.gov.in/epsn>) with all latest amendment/Corrigendum/ clarifications.

All materials/services that propose to use with the work shall be approved by the S.Rly /RCIL. The scope of work is subject to addition / deletion by the Employer.

The following is the broad scope of work however, this list is only indicating and not exhaustive , rather to serve as broad guidelines only. The TENDER of the tenderer as enclosed is taken into cognizance for submitting EoI as per SOUTHERN RAILWAY Tender.

3.1 Warranty

The manufacturer shall warrant the material covered by the specification to be free from defects in design, material and workman under this warranty being limited to replace free of cost those parts which shall be found defective within 12 months from the date of issue of the certificate of completion by the Engineer or any other earlier date subsequent to the completion of the works that may be fixed by the Engineer.

3.2 Warrant Support

This shall be applicable as per TENDER/Tender terms and conditions.

3.3 Quality of Service, Fulfillment of functionality, Down Time and penalty

3.4 Purpose of EOI

Detailed as above

3.5 Solution provider/BA need to STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION and oversee the overall functioning of the organization's network infrastructure, including planning, design, implementation, and maintenance with failure free environment and without any downtime in operations of as prescribed by SOUTHERN RAILWAY in terms of **Quality of Service, Fulfillment of functionality ,Down T im e and penalty if any, on back-to-back basis**

3.6 Bidder may submit their response in the prescribed form of duly signed and stamped for techno – commercial bid through Online mode vide email sent to ers.eoi01-2024@railtelindia.com, within the stipulated date and time, as mentioned in this EOI document.

The Bidder shall accompany necessary documents as prescribed in the Eol.

3.7. Interested partners may note that this is a single stage, single Packet Bid.

3.8. Only those bids shall be opened, which have been submitted within the stipulated time as mentioned in this EOI document with required credentials and Token EMD.

3.9. Technical Bid shall contains following requirements and testimonials :-

I Eligibility Criteria

SL.No	Type	Description	Document Required
1	Existence/Origin	The company must be registered in India.	Certificate of Incorporation
2	General	The company must have: I. Valid PAN card. II. Been registered with GST. III.has paid ITR for last 3 financial years ending 31st March 2024.	I. Copy of PAN Card. II. Copy of GST registration certificate. III. Copy of ITR filed.
3	General	The company should not be blacklisted by any Government institution/ Government PSU	Self-declaration, in case this is discovered to be otherwise, the bidder will be declared ineligible at any stage of the tender.
4	Turnover	The bidder must have total annual turnover at least 150% of estimated value each work in the last three financial years ending 31st March 2024.	Audited Balance Sheet & CA certificate

5	Net Worth	The bidder must have positive net worth in last 3 FY's ending 31st March 2023	Audited Balance Sheet & CA certificate
6	Experience	A. Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, B. Two similar works each costing not less than the amount equal to 40% of advertised value of the tender C. One similar work costing not less than the amount equal to 60% of advertised value of the tender.	Order & completion Certificate issued by customer / PO issuing authority. If a project is ongoing, a certificate to that effect
7	Empanelment	Bidder must be empaneled with RailTel as Business associate	Copy of Empanelment letter and Empanelment PG submitted, if any.

- (a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years.
- (b) (1) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges – substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:
- (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or
 - (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or
 - (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.

Note for b (1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.

- (2) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.
- (3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing.

However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows:

The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.

Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of

subcontractor shall be asked for by the Railway. In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing.

Note for Item

Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least

5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.

iv. Price quote in the attached format (Annexure 8).

v. Compliance of OEM/Vendors with their valid regulatory approvals/ Certifications/ VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF's and all mandatory documents asked by SOUTHERN RAILWAY from OEM/Vendors.

vi. Unconditional Acceptance of contents the Tender document of SOUTHERN RAILWAY and any Other/General Document of SOUTHERN RAILWAY Tender TENDER along with corrigendum and addendum.

vii. Acceptance Letter of EoI

viii. Annexure Formats as mentioned in this EOI.

ix. All documents mentioned in checklist and annexures of this EOI.

x. The BA agrees to undertake Warranty, Maintenance contract for a minimum **period as per SOUTHERN RAILWAY**. Undertaking in this regard is to be submitted along with the technical bid as applicable.

xi. Contract Period Undertaking – As per pertinent tender floated by SOUTHERN RAILWAY. STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION for 6 months from the date of issue of Work Order and subjected to the fulfillment of Tender conditions referred above.

xii. The bid should be duly signed and submitted by Authorized Signatory. The bidder has to submit notarized of non-judicial stamp paper of appropriate value Power of Attorney having authorized signatory's nomination along with board resolution in favor of power of attorney.

xiii. The bidder has to mandatorily submit notarized Annexure-11 on non-judicial stamp paper of requisite value of Rs. 200, else bid shall be summarily rejected.

3.10. Prospective bidder's bid evaluation will be done based on above mentioned documents. Bids of those Bidders who submit Technical Documents without OEM/Vendor Name, Make and Model, technical Compliance, and unconditional acceptance of the SOUTHERN RAILWAY hard Copies, will be summarily rejected

3.11. Based on evaluation of outcome against 3.9, whoever may qualify as per 3.9.i and further complying technical requirement with supporting documents of OEM/Vendor VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF, datasheets, BOQ/BOM (wherever applicable) may be treated as technically qualified partner for Stage-1.

3.12. Bidders selected as per Para 3.11 above will be treated as eligible for financial bid opening.

3.13 Financial Bid:

The Annexure 8 of for financial quote to be submitted for evaluation

3.14 Selection of Bidder: as per outcome of Clause 3.9 above

The bidder will be selected on the **lowest quote (L-1)** basis for complete 'Scope of Work' as mentioned in the EOI document and Physical documents of technical specifications of SOUTHERN RAILWAY, subject to the respective overall bid is in compliance to the requirements of this EOI. The partner selected will be termed as 'Commercially Suitable Partner (hereafter referred to as 'CSP')'. It is ascertained, that the final selection of CSP will be on the L-1 basis only. Further, RailTel reserves the right to have negotiation with the CSP if required. However RailTel reserves the right to select any Bidder irrespective of the ranking in the Bid list without assigning any reasons.

3.15 The partner selected through this EOI shall be deemed to be responsible for delivering of complete 'Scope of Work' as mentioned in the SOUTHERN RAILWAY's tender document and subsequent corrigendum. However, RailTel at its discern, may take- up a certain portion / percentage of 'Scope of Work' by communicating to the CSP at any point of time during the engagement period. (The day at which 'CSP' is declared, will mark the start of engagement period. The period will be valid till final outcome of this tender as announced by SOUTHERN RAILWAY. In case, RailTel comes out to be winner of the SOUTHERN RAILWAY tender, then the engagement period will get auto-extended to the period RailTel serves SOUTHERN RAILWAY for the concerned tender, unless terminated earlier by RailTel as per terms and conditions mentioned in this Eoi document). In this scenario, commercial engagement with the CSP will be for that portion / percentage only, which has not been taken by RailTel. Accordingly, resultant value of work will be derived on the basis of negotiated (in case) commercial bid of the CSP.

3.16 RailTel on the basis of inputs / factors available, from various resources, past experiences of their ICT projects and on the basis of negotiated (in case) commercial bid of the CSP, will endeavor to place best techno-commercial bid in response to the pertinent SOUTHERN RAILWAY's tender. Further relationship with CSP will be based on the outcome pertinent SOUTHERN RAILWAY's tender.

4 General Requirements and Eligibility Criteria for Bidders

4.1. The interested bidder should be an Empaneled Partner with RailTel on the last date of bid submission of EOI & has to provide relevant documents to qualify as per relevant Clause of this EOI.

4.2. The interested bidder should submit Earnest Money Deposit (EMD) if applicable, in the format as mentioned in this EOI document along with the bid.

4.3. The interested bidder should be in compliance to insertion of Rule 144(xi) in the GFR, 2017 vide office OM no. 6/18/2019-PPD dated 23-July-2020 issued by Ministry of Finance, Government of India, including revisions.

4.4. The interested bidder should submit an undertaking for maintaining of 'Local Content Compliance' and shall submit a certificate mentioning the 'Local Content Percentage' duly signed and stamped by statutory auditor or cost auditor or authorized signatory of the interested partner. This will not be a binding clause in cases where end

customer has not asked Local Content Clause/Make in India Clause in their Current TENDER.

4.5 The bidder has to mandatorily provide all Annexures of this Eoi and corrigendum(s) thereof.

4.6. The interested bidder should not be backlisted by any State / Central Government Ministry / Department / Corporation / Autonomous Body on the last date of submission of EOI.

4.7. There should not be any ongoing or past, arbitration case(s) between 'RailTel or Organizations under Indian Railways' and 'Interested Bidder' on the last date of submission of EOI.

4.8. The interested bidder shall not have a conflict of interest with one or more bidding parties. Participation of interested bidder(s) with a conflict-of-interest situation will result in the disqualification of all bids in which it is involved. A bidder may be in a conflict of interest with one or more parties if including but not limited to:

- a. Have controlling shareholders as his/her family members viz. spouse, son, daughter, father, mother or brother etc. in common or;
- b. Have a relationship with each other directly or through common third parties that puts them in a position to have access to information about or influence on the bid of another interested partner.

4.9. The interested bidder should not be seeking / extending / exploring similar arrangements /engagements with any other organization except RailTel, for the SOUTHERN RAILWAY tender.

4.10. The interested partner should have a valid Goods and Service Tax Identification Number (GSTIN), as on the last date of submission of EOI.

4.11. In addition to above clauses, bid of interested bidder should be in compliance to terms and conditions and technical requirements of the pertinent SOUTHERN RAILWAY tender as referred above.

Note: The interested bidder should submit duly signed and stamped EOI cover letter as per the format mentioned at Annexure-02 of this EOI document, as unconditional submission of meeting the clauses mentioned above, from Clause 4.1. to Clause 4.11

5. Resources to be Deployed

- i. The bidder shall carry out all necessary activities during execution of the work and all along thereafter as may be necessary for proper fulfilling of the obligations under the contract.
- ii. Adequate training, required to carry out the activities mentioned in the scope of work above, shall be provided by Bidder to all deployed resources.
- iii. Boarding, lodging, transportation, and all other expenses of the deployed resources are to be borne by bidder,
- iv. The Authority shall be at liberty to object to and require the bidder to remove from the works any person who in his opinion misconducts himself or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Authority to be undesirable. Such person shall not be employed again at works site without the written permission of the Authority and the persons so removed shall be replaced within a week's time by competent substitutes.
- v. The Authority has agreement with the bidder only, it is the responsibility of the bidder to ensure all due diligence is carried out for background verification of resources deployed. And in any case, the Authority will not be responsible for the violation of due diligence or offence committed by the bidder or any of its resources.

6 Proposal Preparation and Submission Cost

6.1. The interested partner is responsible for all costs incurred in connection with participation in this EOI process, including, but not limited to, cost incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by RailTel to facilitate the evaluation process or all such activities related to the bid process. RailTel will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. This EOI document does not commit to award a contract or to engage in negotiations. In case of negotiations quoting the value above the quoted value is not permitted.

7 Amendment to EOI Document

7.1. At any time prior to the deadline for submission of bids, RailTel, may, for any reason can modify the EOI document by an amendment. All the amendments made in the document would be informed by displaying on RailTel (www.railtelindia.com) website only. The interested bidders are advised to visit the RailTel website on regular basis for checking necessary updates. RailTel also reserves the rights to amend the dates mentioned in this EOI for bid process. RailTel may, at its discretion, extend the last date for receipt of EOI response. Individual advices in this connection is not treated as mandatory.

8 Bid, PG, EMD and SD Key Information

Type of guarantee/ EMD	Amount	Minimum Validity	Mode of submission
EMD	1. Work 1 Tender No TVC-GSU-SNT-23-24-19 is Rs. 2,32,000 /- 2. Work 2 Tender No TVC-GSU-SNT-23-24-20 is Rs. 2,03,900/- 3. Work 3 Tender No TVC-GSU-SNT-23-24-21 is Rs. 2,07,800/- (This should be payed as Token EMD at the time of submission of EOI as mentioned in the above EOI NOTICE)	Upto the submission of PG	In the form of Bank Guarantee/Online Bank Transfer/Fixed Deposit immediately
PG	5 % of the accepted Contract value	120 days from the last date of extended completion period	In the form of Bank Guarantee/Online Bank Transfer/Fixed Deposit of Nationalized bank/Scheduled /Govt treasury
SD	3 % of the accepted Contract value 10 % deduction from every bill after adjusting the EMD amount for the Successful Bidder	60 days	10 % deduction from every bill after adjusting the EMD amount for the Successful Bidder
BID	-	120 days	Online Submission

9 Right to Terminate the Process

9.1. RailTel may terminate the EOI process at any time without assigning any reason. RailTel makes no commitments, express or implied, that this process will result in a business transaction with anyone. This EOI does not constitute an offer by RailTel. The interested bidder's participation in this process may result in RailTel selecting the CSP to engage in further discussions and negotiations toward 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.

10 Language of Bid

10.1. The bid prepared by the interested partner and all correspondence and documents relating to the bids exchanged by the bidder and RailTel, shall be written in English Language, provided that any printed literature furnished by the Bidder in another language shall be accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Authorized Signatory of the interested partner.

11 Submission of Bid

11.1. The Bidder should take into account any Corrigendum to this EOI document that may have been published before submitting their EOI response. The bid is to be submitted in the mode as mentioned in this EOI document. EOI response submitted in any other mode will not be entertained.

11.2. Bidders in their own interest are advised to submit the EOI response well in time before the last date and hence to avoid any inconvenience at the last moment.

11.3. An Organization / Bidder can submit only 'One EOI Response'. Submission of multiple EOI Response by bidder(s) may lead to rejection of all of its bid.

12 Rights to Accept / Reject any or all Eoi Response

12.1. RailTel reserves the right to accept or reject any EOI Response, and to annul the bidding process and reject all Bids at any time prior to award of the Contract, without thereby incurring any liability to the affected interested bidder(s), or any obligation to inform the affected Bidders of the ground for RailTel action.

13 Payment Terms

Back-to-back basis as per SOUTHERN RAILWAY TENDER No. TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 **dated 22-04-2024** and as per Payment terms below:

1. The payment cycle for the Successful Bidder would start from the date of signing of contract or deployment of resources whichever is later. The payment to be made to the Successful Bidder shall be subject to the satisfactory functionality conditions to be accepted by the Bidder for the post issuance of work order.

2. **Payment against Supply:** up to 70% of the rate quoted of the rate quoted by BA for the item is payable as assessed by RCIL/representative. BA shall produce original test certificate, warranty certificate of the manufacture for the materials for availing the above payment for the selected items and GST invoice for all the items supplied. The payment is subjected to the acceptance of materials by the consigned, signified by issue of necessary documents.

3. **Payment against Installation:** up to 20% of the rate quoted for the item less initial payments till date, is payable as assessed by RCIL/representative on final completion of the entire supplies and installation work under Contract for which payments are claimed.

4. **Payment against Testing and commissioning:** 10% of the rate quoted by BA for the item less amount already paid and recovery for security deposits due if any is payable as assessed by RCIL/Authorized consultant in all aspects and acceptance of the same by RCIL/Authorized consultant.

5. The RCIL shall scrutinize and certify the bill to be submitted for payment to Southern Railway- PGT Division within 30 days of submission of the correct bill by the BA.

However, detailed measurements shall be jointly recorded by the contractor in the presence of the representative of the Engineer in charge for reconciliation of quantities and records. Payment towards all interim bills shall be made by RCIL through direct beneficiary transfer mechanism to the designated Bank / Treasury account of the BA on the bills certified and forwarded by the authorized as per RCIL practice.

13.1. Payment will be processed after receiving the GST invoice for the work / services and after RailTel has received the necessary payment based on certification and acceptance from SOUTHERN RAILWAY for the same work / services. Any deduction /Penalties levied by SOUTHERN RAILWAY will be carried **back- to-back** and will be deducted from SI/BA/CSP's invoices/Subject to the cause to deduction / penalty is due to deviation in terms and conditions of service standards by the CSP.

13.2. Documents list required at the time of payment/invoice submission by selected bidder shall be: -

- Valid Tax Invoice (in Triplicate, where supply is Involved)
- Delivery Challan and e way bill
- Factory Test Report

- QA& COQ inspection certificate duly signed by OEM.
- FAT Inspection Certificate or Approval of waiver for the same.
- Packaging List
- Purchaser's Inspection certificate
- Consignee receipt
- Warranty certificate of OEM
- Insurance certificate
- A certificate duly signed by the firm certifying that equipment/ materials being delivered are new and conform to technical specification.
- A certificate duly signed by the firm certifying that the equipment/ materials being delivered are complete in all respect for the concerned items for which the payment is being released.

All payments shall be released after sign-off by the SOUTHERN RAILWAY.

14 Performance Guarantee (PG)

The conditions of PG on back to back basis as per SOUTHERN RAILWAYTENDER

14.1. The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(Twenty one) days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day.

In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit bid security Deposit and other dues payable against that contract. In case a tenderer has not submitted bid security Deposit on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect.

The failed Contractor shall be debarred from participating in re-tender for that work.

14.2. The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 5% of the original contract value:

- (i) A deposit of Cash;
- (ii) Irrevocable Bank Guarantee;
- (iii) Government Securities including State Loan Bonds at 5% below the market value;
- (iv) Pay Orders and Demand Drafts tendered by any Scheduled Commercial Bank of India ;
- (v) Guarantee Bonds executed or Deposits Receipts tendered by any Scheduled Commercial Bank of India;
- (vi) Deposit in the Post Office Saving Bank;
- (vii) Deposit in the National Savings Certificates;
- (viii) Twelve years National Defence Certificates;

- (ix) Ten years Defence Deposits;
- (x) National Defence Bonds and
- (xi) Unit Trust Certificates at 5% below market value or at the face value whichever is less. Also, FDR in favour of FA&CAO (free from any encumbrance) may be accepted.

- 14.3. The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the Contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days.
- 14.4. The value of PG to be submitted by the Contractor is based on original contract value and shall not change due to subsequent variation(s) in the original contract value.
- 14.7. The Performance Guarantee (PG) shall be released after physical completion of the work based on 'Completion Certificate' issued by the competent authority stating that the Contractor has completed the work in all respects satisfactorily..
- 14.8. Whenever the contract is rescinded, the Performance Guarantee already submitted for the contract shall be encashed in addition to forfeiture of Security Deposit available with railway.
- 14.9. The Engineer shall not make a claim under the Performance Guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
- (i) Failure by the Contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer may claim the full amount of the Performance Guarantee.
 - (ii) Failure by the Contractor to pay President of India any amount due, either as agreed by the Contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Engineer.
 - (iii) The Contract being determined or rescinded under clause 62 of the these conditions.

Security Deposit

The Security Deposit shall be 5% of the contract value. The Bid Security submitted by the Contractor with his tender will be retained/encashed by the Railways as part of security for the due and faithful fulfillment of the contract by the Contractor. Provided further that, if Contractor submits the Cash or Term Deposit Receipt issued from a Scheduled commercial bank of India or irrevocable Bank Guarantee Bond from a Scheduled commercial bank of India, either towards the Full Security Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security, to the Contractor.

Balance of Security Deposit may be deposited by the Contractor in cash or Term Deposit Receipt issued from Scheduled commercial bank of India or irrevocable Bank Guarantee bond issued from Scheduled commercial bank of India, or may be recovered at the rate of 6% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the Railway may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained (including amount guaranteed through Performance Guarantee) may not exceed 10% of the total value of the contract.

The Irrevocable Bank Guarantee submitted towards Security deposit shall be initially valid up to the stipulated date of Maintenance period plus 60 days and shall be extended from time to time, depending upon extension of contract granted in terms of Clause 17A and 17B of the Standard General Conditions of Contract.

Note: Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by him, for an amount equal to or more than the already available Security Deposit, provided however that, in a contract of value less than Rs. 50 Crore, such refund/ return of

the already available Security Deposit is permitted up to two times and in a contract of value equal to or more than Rs. 50 Crore, such refund / return of the already available Security Deposit is permitted up to three times.

15. Details of Commercial Bid / Financial Bid

15.1. BA should submit commercial bid strictly as per the format mentioned by SOUTHERN RAILWAY or in subsequent corrigendum's (if any).

15.2. The commercial bid should clearly bring out the cost of the services with detailed break- up of taxes.

15.3. The rates mentioned in the commercial bid of the CSP will form basis of commercial transaction between RailTel and bidder.

15.4. The quantity of 'Line Items' may vary at the time of placing of Purchase Order or during the Contract Period, as communicated by SOUTHERN RAILWAY(in case) to RailTel. In such scenarios, the 'Per Unit' cost will be considered to arrive on contractual amount between RailTel and CSP.

15.5. It is also possible that SOUTHERN RAILWAY may surrender / increase, some or all of the quantities of service items ordered to RailTel during the contract period and accordingly the contractual amount between RailTel and CSP shall be considered, at sole discern of RailTel.

15.6. It is also possible that during the contract period, SOUTHERN RAILWAY may raise Purchase Order to RailTel for the line items (and respective quantities) which are not mentioned in the pertinent tender of SOUTHERN RAILWAY. In such scenario, RailTel at its sole discretion, may extend the scope of the contract with CSP by placing order to SOUTHERN RAILWAY, **on back-to- back basis**.

15.7. In addition to the Payment Terms, all other Contractual Terms will also be on '**back- to-back**' basis between RailTel and CSP, as mentioned in the pertinent SOUTHERN RAILWAY's tender. VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF (Manufacturer's Authorization Form) in the name of RailTel and another VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF in Bidders Name (separately with reference to this EOI) from the OEMs, whose product is mentioned in commercial SOUTHERN RAILWAY bid format, should also be ensured by the partner. The VALID REGULATORY APPROVALS/ CERTIFICATIONS/ MAF format and required content should be in-line with SOUTHERN RAILWAY's tender, if specifically asked by SOUTHERN RAILWAY in a particular format.

16. Duration of the Contract Period

16.1. The contract duration shall be same as of SOUTHERN RAILWAY's contract duration with RailTel until otherwise terminated earlier. **Indicative contract duration is 6 months as per SOUTHERN RAILWAY**, unless otherwise terminated/modified, as mentioned in this EOI document and subject to award of contract to RailTel. The contract duration can be renewed /extended by RailTel at its discern, in case SOUTHERN RAILWAY extends / RailTel renews services with RailTel by virtue of extending / renewing / new issuance of one or more Purchase Order(s) placed by SOUTHERN RAILWAYto RailTel.

17. Restrictions on 'Transfer of Agreement'

17.1. The CSP shall not assign or transfer its right in any manner whatsoever under the contract / agreement to a third party or enter into any agreement for sub- contracting and/or partnership relating to any subject matter of the contract / agreement to any third party either in whole or in any part i.e., no sub-contracting / partnership / third party interest shall be created.

18. Suspension, Revocation or Termination of Contract / Agreement

18.1. RailTel reserves the right to suspend the operation of the contract / agreement, at any time, due to change in its own license conditions or upon directions from the competent government authorities, in such a situation, RailTel shall not be responsible for any damage or loss caused or arisen out of aforesaid action. Further, the suspension of the contract / agreement will not be a cause or ground for extension of the period

of the contract / agreement and suspension period will be taken as period spent. During this period, no charges for the use of the facility of the CSP shall be payable by RailTel.

18.2. RailTel may, without prejudice to any other remedy available for the breach of any conditions of agreements, by a written notice as per GCCA of contract or as per SOUTHERN RAILWAY tender condition whichever is issued to the CSP.

RailTel shall terminate/or suspend the contract /agreement under any of the following circumstances:

- a) The CSP failing to perform any obligation(s) under the contract / agreement.
- b) The CSP failing to rectify, within the time prescribed, any defect as may be pointed out by RailTel.
- c) Non adherence to Service Level Agreements (SLA) which RailTel has committed to SOUTHERN RAILWAY.
- d) The CSP going into liquidation or ordered to be wound up by competent authority
- e) If the CSP is wound up or goes into liquidation, it shall immediately (and not more than three days) inform about occurrence of such event to RailTel in writing.

In such case, the written notice can be modified by RailTel as deemed fit under the circumstances. RailTel may either decide to issue a termination notice or to continue the agreement by suitably modifying the conditions, as deemed fit.

It shall be the responsibility of the CSP to maintain the agreed Quality of Service, even during the period when the notice for surrender/termination of contract / agreement is pending and if the Quality of Performance of Solution is not maintained, during the said notice period, it shall be treated as material breach liable for termination at risk and consequent of which CSP's PG related to contract / agreement along with PG related to the Empanelment Agreement with RailTel shall be forfeited, without any further notice.

f) Breach of non-fulfillment of contract / agreement conditions may come to the notice of RailTel through complaints or as a result of the regular monitoring. Wherever considered appropriate RailTel may conduct an inquiry either Suo- moto or on complaint to determine whether there has been any breach in compliance of the terms and conditions of the agreement by the successful bidder or not. The CSP shall extend all reasonable facilities and shall endeavor to remove the hindrance of every type upon such inquiry. In case of default by the CSP in successful implementation and thereafter maintenance of services / works as per the conditions mentioned in this EOI document, the PG(s) of CSP available with RailTel can be forfeited.

19. Dispute Settlement

19.1 In case of any dispute concerning the contract / agreement, both the CSP and RailTel shall try to settle the same amicably through mutual discussion / negotiations. Any unsettled dispute shall be settled in terms of Indian Act of Arbitration and Conciliation 1996 or any amendment thereof. Place of Arbitration shall be New Delhi.

19.2 The arbitral tribunal shall consist of the Sole Arbitrator. The arbitrator shall be appointed by the Chairman & Managing Director (CMD) of RailTel Corporation of India Ltd.

19.3 All arbitration proceedings shall be conducted in English.

20. Governing Laws

20.1. The contract shall be interpreted in accordance with the laws of India. The courts at New Delhi shall have exclusive jurisdiction to entertain and try all matters arising out of this contract.

21. Statutory Compliance

21.1. During the tenure of this Contract nothing shall be done by CSP in contravention of any law, act and/ or rules/regulations, there under or any amendment thereof and shall keep RailTel indemnified in this regard.

21.2. The Bidder shall comply and ensure strict compliance by his/her employees and agents of all applicable Central, State, Municipal and Local laws and Regulations and undertake to indemnify RailTel, from and against all levies, damages, penalties and payments whatsoever as may be imposed by reason of any breach or violation of any law, rule, including but not limited to the claims against RailTel or its Customer under Employees Compensation Act, 1923, The Employees Provident Fund and Miscellaneous Provisions Act, 1952, The Contract Labour (Abolition and Regulation) Act 1970, Factories Act, 1948, Minimum Wages Act and Regulations, Shop and Establishment Act and Labour Laws which would be amended/modified or any new act if it comes in force whatsoever, and all actions claim and demand arising therefrom and/or related thereto.

22. Intellectual Property Rights

22.1. Each party i.e., RailTel and CSP, acknowledges and agree that the other party retains exclusive ownership and rights in its trade secrets, inventions, copyrights, and other intellectual property and any hardware provided by such party in relation to this contract / agreement.

22.2. Neither party shall remove or misuse or modify any copyright, trade mark or any other proprietary right of the other party which is known by virtue of this EOI and subsequent contract in any circumstances.

23. Severability

23.1. In the event any provision of this EOI and subsequent contract with CSP is held invalid or not enforceable by a court of competent jurisdiction, such provision shall be considered separately and such determination shall not invalidate the other provisions of the contract and Annexure/s which will be in full force and effect.

24. Force Majeure

24.1. If during the contract period, the performance in whole or in part, by other party, of any obligation under this is prevented or delayed by reason beyond the control of the parties including war, hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, explosion, epidemic, quarantine restriction, strikes and lockouts (as are not limited to the establishments and facilities of the parties), fire, floods, earthquakes, natural calamities or any act of GOD (hereinafter referred to as EVENT), provided notice of happenings of any such event is given by the affected party to the other, within twenty one (21) days from the date of occurrence thereof, neither party shall have any such claims for damages against the other, in respect of such non-performance or delay in performance. Provided service under this contract shall be resumed as soon as practicable, after such EVENT comes to an end or ceases to exist.

24.2. In the event of a Force Majeure, the affected party will be excused from performance during the existence of the force Majeure. When a Force Majeure occurs, the affected party after notifying the other party will attempt to mitigate the effect of the Force Majeure as much as possible. If such delaying cause shall continue for more than sixty (60) days from the date of the notice stated above, the party injured by the inability of the other to perform shall have the right, upon written notice of thirty (30) days to the other party, to terminate this contract. Neither party shall be liable for any breach, claims, and damages against the other, in respect of non-performance or delay in performance as a result of Force Majeure leading to such termination.

25. Indemnity

25.1. The CSP agrees to indemnify and hold harmless RailTel, its officers, employees and agents (each an "Indemnified Party") promptly upon demand at any time and from time to time, from and against any and all losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively, "Losses") to which the Indemnified party may become subject, in so far as such losses directly arise out of, in any way relate to, or result from:

a) Any mis-statement or any breach of any representation or warranty made by CSP

b) The failure by the CSP to fulfill any covenant or condition contained in this contract by any employee or agent of the Bidder. Against all losses or damages arising from claims by third Parties that any Deliverables (or the access, use or other rights thereto), created by CSP pursuant to this contract, or any equipment, software, information, methods of operation or other intellectual property created by CSP pursuant to this contract, or the SLAs (i) infringes a copyright, trade mark, trade design enforceable in India, (ii) infringes a patent issues in India, or (iii) constitutes misappropriation or unlawful disclosure or used of another Party's trade secrets under the laws of India (collectively, "Infringement Claims"); or
c) Any compensation / claim or proceeding by any third party against RailTel arising out of any act, deed or omission by the CSP or

d) Claim filed by a workman or employee engaged by the CSP for carrying out work related to this agreement. For the avoidance of doubt, indemnification of Losses pursuant to this section shall be made in an amount or amounts sufficient to restore each of the Indemnified Party to the financial position it would have been in had the losses not occurred.

25.2. Any payment made under this contract to an indemnity or claim for breach of any provision of this contract shall include applicable taxes.

26. Limitation of Liability towards RailTel

26.1. The CSP (SI/BA) liability under the contract shall be determined as per the Law in force for the time being. The CSP shall be liable to RailTel for loss or damage occurred or caused or likely to occur on account of any act of omission on the part of the CSP and its employees (direct or indirect), including loss caused to RailTel on account of defect in goods or deficiency in services on the part of CSP or his agents or any person / persons claiming through under said CSP, However, such liability of the CSP shall not exceed the total value of the contract.

26.2. This limit shall not apply to damages for bodily injury (including death) and damage to real estate property and tangible personal property for which the CSP is legally liable.

27. Confidentiality cum Non-disclosure

27.1. The Receiving Party agrees that it will not disclose to third party/parties any information belonging to the Disclosing Party which is provided to it by the Disclosing Party before, during and after the execution of this contract. All such information belonging to the Disclosing Party and provided to the Receiving Party shall be considered Confidential Information. Confidential Information includes prices, quotations, negotiated issues made before the execution of the contract, design and other related information. All information provided by Disclosing Party to the Receiving Party shall be considered confidential even if it is not conspicuously marked as confidential.

27.2. Notwithstanding the foregoing, neither Party shall have any obligations regarding non- use or non-disclosure of any confidential information which:

27.2.1. Is already known to the receiving Party at the time of disclosure:

27.2.2. Is or becomes part of the public domain without violation of the terms hereof;

27.2.3. Is shown by conclusive documentary evidence to have been developed independently by the Receiving Party without violation of the terms hereof:

27.2.4. Is received from a third party without similar restrictions and without violation of this or a similar contract.

27.3 The terms and conditions of this contract, and all annexes, attachments and amendments hereto and thereto shall be considered Confidential Information. No news release, public announcement, advertisement or publicity concerning this contract and/or its contents herein shall be made by either Party without the prior written approval of the other Party unless such disclosure or public announcement is required by applicable law.

27.4 Notwithstanding the above, information may be transmitted to governmental, judicial, regulatory authorities, if so, required by law. In such an event, the Disclosing Party shall inform the other party about the same within 30 (thirty) Days of such disclosure.

27.5 This Confidentiality and Non- Disclosure clause shall survive even after the expiry or termination of this contract.

28 Assignment

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

29 Insurance

The CSP shall agree to take insurances to cover all the elements of the project under this EOI including but not limited to Manpower, Hardware, Software and Services etc. as per SOUTHERN RAILWAY tender specified terms.

30 Exit Management

30.1 Exit Management Purpose

30.1.1 This clause sets out the provision, which will apply during Exit Management period. The parties shall ensure that their respective associated entities carry out their respective obligation set out in this Exit Management Clause.

30.1.2 The exit management period starts, in case of expiry of contract, at least 03 months prior to the date when the contract comes to an end or in case of termination contract, on the date when the notice of termination is sent to the CSP. The exit management period ends on the date agreed upon by RailTel or Three (03) months after the beginning of the exit management period, whichever is earlier.

30.2 Confidential Information, Security and Data:

CSP will promptly, on the commencement of the exit management period, supply to RailTel or its nominated agencies the following (if asked by RailTel in writing):

30.2.1 Information relating to the current services rendered and performance data relating to the performance of the services; documentation relating to the project, project's customized source code (if any); any other data and confidential information created as part of or is related to this contract;

30.2.2 All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable RailTel and its nominated agencies, or its replacing vendor to carry out due diligence in order to transition the provision of the services to RailTel or its nominated agencies, or its replacing vendor (as the case may be).

30.3 Employees : Promptly on reasonable request at any time during the exit management period, the CSP shall, subject to applicable laws, restraints and regulations (including in particular those relating to privacy) provide RailTel a list of all employees (with job titles and communication address), dedicated to providing the services at the commencement of the exit management period; To the extent that any Transfer Regulation does not apply to any employee of the CSP, RailTel or the replacing vendor may make an offer of contract for services to such employees of the CSP and the CSP shall not enforce or impose any contractual provision that would prevent any such employee from being hired by RailTel or any replacing vendor.

30.4 Rights of Access to Information: Besides during the contract period, during the exit management period also, if asked by RailTel in writing, the CSP shall be obliged to provide an access of information to RailTel and / or any Replacing Vendor in order to make an inventory of the Assets (including hardware / software / active / passive), documentations, manuals, catalogues, archive data, Live data, policy documents or any other related material.

Note: RailTel at its sole discern may not enforce any or all clauses / sub-clauses under the

'Exit Management' clause due to administrative convenience or any other reasons as deemed fit.

31. Waiver

31.1. Except as otherwise specifically provided in the contract, no failure to exercise or delay in exercising, any right, power or privilege set forth in the contract will operate as a waiver of any right, power or privilege.

32. Changes in Contract Agreement

32.1. No modification of the terms and conditions of the Contract Agreement shall be made except by written amendments signed by the both CSP and RailTel.

ANNEXURE 1 - FORMAT FOR PROJECT EXPERIENCE CITATIONS

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

Signature of Bidder

Name:

Place:

Date:

Annexure – 02

EOI COVER LETTER

(On Organization Letter Head)

Eol Ref No.:

Date:

To,
The Joint General Manager (ERS),
RailTel Corporation of India Limited, Kerala
Territory Office,
1st Floor, Eastern Entry Tower, Ernakulam
South Railway Station ,
Ernakulam 682016

SOUTHERN RAILWAY Tender Ref. TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024. (<https://ireps.gov.in/epsn>)

Dear Sir/Madam,

1. I, the undersigned, on behalf of M/s, having carefully examined the referred EOI offer to participate in the same, in full conformity with the said EOI and all the terms and conditions thereof, including corrigendum issued till last date of submission of EOI. It is also undertaken and submitted that we are in abidance of Clause 4 (from Clause 4.1 to Clause 4.11) of EOI.

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

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

renders such information misleading; and all documents accompanying the Proposal are true copies of their respective originals.

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

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

6. I hereby undertake and give unconditional acceptance for compliance of all terms & conditions of SOUTHERN RAILWAY TENDER issued **Tender Ref. No** TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024 on (<https://ireps.gov.in/epsn>) portal, against this EOI based customer's requirement.

7. I hereby undertake that there will be no deviation from the Terms and Conditions of

EOI and SOUTHERN RAILWAY's TENDER issued **Tender Ref. No** TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024 on (<https://ireps.gov.in/epsn>)

Signature of Authorized

Signatory

Name & Designation

Date

Signature of Bidder

Name:

Place:

Date:

Annexure - 03

Local Content Compliance

(On Organization Letter Head)

Eol Ref No.:

Date:

Joint General Manager (ERS),
RailTel Corporation of India Limited,
Kerala Territory Office, 1st Floor, Eastern
Entry Tower,
Ernakulam South Railway Station
Ernakulam 682016

SOUTHERN RAILWAY Tender Ref. No TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024. on (<https://ireps.gov.in/epsn>)

Dear Sir/Ma'am,

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

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

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

Name Designation

Signature of Bidder

Name:

Place:

Date:

Annexure – 04

CHECKLIST OF DOCUMENTS FOR BID SUBMISSION

SOUTHERN RAILWAY Tender Ref. No TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024 on (<https://ireps.gov.in/epsn>)

S. No.	Document
1	EOI Cover Letter (Annexure-02)
2	Technical compliance sheet
3	Price bid
4	Local Content Compliance & Percentage Amount (Annexure-03)-Blank
5	TECHNICAL BID COVER LETTER
6	COMMERCIAL BID COVER LETTER
7	Token EMD as per EOI document
8	This EOI copy duly Signed and Stamped by the Authorized Signatory Of Bidder
9	All Annexure/ Appendices/Formats/ Declarations as per SOUTHERN RAILWAY TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024. addressing to RailTel.
10	Compliance of eligibility criteria related documents as per Clause 3
11	Any relevant document found suitable by bidder

Note:

1. The technical bid should have a 'Index' at the starting and all pages of bid should be serially numbered and should be traceable as per the 'Index'.
2. All the submitted documents should be duly stamped and signed by the Authorized Signatory at each page.
3. The above checklist is indicative only. RailTel may ask for additional documents from the bidders, as per the requirement.

Signature of Bidder

Name:

Place:

Date:

(ANNEXURE 5)

FORMAT FOR TECHNICAL BID COVER LETTER

(On Company Letter Head)

To,
Joint General Manager (ERS),
RailTel Corporation of India Limited,
Kerala Territory Office, 1st Floor,
Eastern Entry Tower, Ernakulam South Railway Station,
Ernakulam - 682016

Sub: Submission of the response to the Tender No. **SOUTHERN RAILWAY TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2024.**

Request for Proposal for STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION.

We, the undersigned, offer to provide services for Request for in response to the request for proposal dated <insert date> and tender reference no <> "Request for Proposal STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION.

We are hereby submitting our proposal online, which includes the pre-qualification, technical bid, and commercial bid.

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

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

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

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

Signature of Bidder

Name:

Place:

Date:

(ANNEXURE 6)

FORMAT FOR COMMERCIAL BID COVER LETTER

To,

The Joint General Manager (ERS),
RailTel Corporation of India Limited,
Kerala Territory Office, 1st Floor,
Eastern Entry Tower, Ernakulam South Railway Station,
Ernakulam - 682016

Dear Sir,

We, the undersigned Bidder, having read and examined in detail all the tender documents with respect to **Request for Proposal STRENGTHENING AND EXPANDING THE HARDWARE & NETWORK DISTRIBUTION SYSTEM OF RAILNET NETWORK TO FIELD OFFICES IN ADSTE/TVC SECTION, ADSTE/QLN SECTION AND DSTE/ERS SECTION OF TVC DIVISION**, do hereby propose to provide services as specified in the tender reference No.

Price and Validity

- a. All the prices mentioned in our bid are in accordance with the terms & conditions as specified in the TENDER. The validity of bid is 120 days from the date of opening of the commercial bid.
- b. We are an Indian firm and do hereby confirm that our prices are inclusive of all duties, levies etc., excluding GST.
- c. We have studied the clause relating to Indian Income Tax and hereby declare that if any income tax, surcharge on income tax, professional and any other corporate tax is altered under the law, we shall pay the same.

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

Deviations:

we declare that all the services shall be performed strictly in accordance with the TENDER irrespective of whatever has been stated to the contrary anywhere else in our bid. Further, we agree that additional conditions, if any, found in our bid documents, shall not be given effect to.

We had remitted an EMD as specified in the tender document terms.

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

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

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

Performance guarantee and Security Deposit: we hereby declare that in case the contract is awarded to us, we shall submit the performance guarantee and Security deposit. We hereby declare that our tender is made in good faith, without collusion or fraud and the information contained in the tender is true and correct to the best of our knowledge and belief. We understand that our tender is binding on us and that you are not bound to accept a tender you receive.

Signature of Bidder

Name:

Place:

Date:

TECHNICAL COMPLIANCE SHEET (ANNEXURE 7)

The Service/OEM/MAKE specified are based on the requirement for the present scope of work. This shall be followed as per the SOUTHERN RAILWAY condition of contract as per the relevant conditions of RAILWAY conditions of contract

Signature of Bidder

Name:

Place:

Date:

Annexure-8

PRICE BID

To be uploaded as pdf (On Organization Letter Head) EOI NO. RCIL/SR/ERS/2024-25/EOI/1 DTD. 22-04-2024, duly furnishing the rates and amounts (Inclusive of all taxes and logistics cost) in the BoQ including Supply, Installation, Testing and Commissioning with warranty as specified.

To,
The Joint General Manager (ERS),
RailTel Corporation of India Limited, Kerala
Territory Office, 1st Floor, Eastern Entry Tower, Ernakulam
South Railway Station, Ernakulam 682016

Sir,
We hereby quote our rates with reference to the item wise BoQ as below:

WORK 1 - Tender No TVC-GSU-SNT-23-24-19 SUPPLY & INSTALLATION

Tender No TVC-GSU-SNT-23-24-19 – SUPPLY & INSTALLATION									
SL.NO	ITEM CODE	DESCRIPTION	ITEM QTY	QTY UNOT	UNIT RATE	BASIC VALU E	Escl. %	Amount	Bidding Unit
Schedule A-Items under covered for SOR 2011								1272776	
1	Please see Item Breakup for details					782428	62.67	1272776	
	Description:- Please see Item Breakup for details.								
SL.NO	ITEM CODE	DESCRIPTION	ITEM QTY	QTY UNOT	UNIT RATE	BASIC VALU E	Escl. %	Amount	Bidding Unit
Schedule B-Items not covered for SOR 2011								15133974	Above/ Below/Partial
1	NS1	Supply and Installation of Standard 19-inch Rack Mountable Layer 3, 24 Port Managed Switch with 4 Nos of 10/100/1000 Ethernet Ports with POE +Support and Redundant AC Power Supply, Dedicated Stacking Module 24 x10 GE SFP+ Ports for uplink including 4Nos of 10 GE BX SM SFP+ Modules, as per para number 4.0 of RDSO	5	Numbers 					

		SPECIFICATION NO.RDSO/SPN/TC/83 /2020 Rev 2.1 or latest. Mounting Kit with all necessary accessories to be supplied. Make Cisco/Juniper or similar. Inspection by RDSO							
2	NS2	Supply of 24 port L-2 manageable network switch with 24nos 100/1000Base-T ports, 2nos 10G Base-T ports and 2Nos 10G SFP+ ports. and 4 optical ports(SFP). The switch must have GUI enabled management and interoperabilitywithother makesof switches. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83 /2020 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	30	Numbers	20995	629850	AT Par	629850	Rs.
3	NS3	Supply & Installation of Layer 2, 8Port POE Switch. 8nos 100/1000 Base-T PoE+ ports with 2 Nos SFP port.70W PoE budget from day 1. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83 /2020 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	60	Numbers	17460	1047600	AT Par	1047600	Rs.

4	NS4	Supply and installation of NMS software for monitoring and management of Railnet network. Desktop/server based NMS software Capable to provide details on WAN link latency, bandwidth utilization and Round-Trip-Time, Provision to generate Graphically represent the various links over geographical maps. There should also be provision for auto discovery and topology generation of connected nodes. Each link has information on status and latest alarms generated and to give a quick view of entire WAN link health, Provision to configure custom thresholds for alarm range, latency and rule based alarm definition., Alarm should be visible from the topology map itself. Allow drill down to the hop level displaying the various paths of communication between the source and destination and the round trip time across each underlying link, Supports instant diagnosis of the node status through Ping, Telnet and SNMP. There should be provision to connect SMS gateway for alarm generation. The history log of all 200 nodes should be available for 1 year. There should be regular backup of all the configuration	1	Numbers	2671911	2671911	AT Par	2671911	Rs.
				37					

		settings of each nodes and any changes should done may also be logged with timestamp and previous configuration. The schedule should also include the supply and installation of the hardware/server required for installing the NMS and perpetual license for 200 nodes. The server should be rack/desk mountable with Recommended specification to smoothly run the NMS software with 128GB RAM, with Processor Intel Xeon Silver 4309Y or with better specifications along with 21" LED Display, keyboard and mouse. Make: Everest Infraon or similar. Inspection: Consignee							
5	NS5	Supply of Dual core SFP modules suitable for Layer-2 Manageable switches support for atleast 10KM range supporting 1310nm Single mode. Inspection: RITES	225	Numbers	2500	562500	AT Par	562500	Rs.
6	NS6	Supply, Installation , testing and commissioning of Media Convertor fibre to Ethernet, to support distance range of at least 15 Km over single mode Fibre, of DLink/ MROTEK or similar make. Inspection: Consignee	20	Pair	5700	114000	AT Par	114000	Rs.
7	NS7	Supply of Windows based portable Network Monitoring device Processor- intel core i5 or above RAM- 8GB DDR4, Hard drive- 512GB SSD, Display- 15.6" 1920x1080 IPS LED,	8	Numbers 38	58843	470744	AT Par	470744	Rs.

		OS- Windows 11 Pro With USB3, HDMI, Ethernet, Wifi, Bluetooth, HD web cam, DVD writer and card reader Should have 3 year warranty. Should provide carry case. Inspection: Consignee							
8	NS8	Supply of Desktop Computer, with Windows 10/11 Pro OS pre loaded, 12th gen Intel core i5 processor, 16GB DDR4 RAM, 1TB HDD, 256GB SSD, onboard WiFi, Bluetooth DVD Writer, 23.5inch or above monitor. Warranty 3 years. Make: HP/Lenovo/Dell or similar. Inspection: RITES	12	Numbers	52299	627588	AT Par	627588	Rs.
9	NS9	Supply and installation of 19inch rack mountable Server. With DDR4 128GB RAM, 4800GB SAS Drive, 2x1G & 2x10G ports with SFP+, having windows, redhat linux, and Ubuntu certification/compliance. Remote power On/Shutdown of server, Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port, Should have virtual Media support with all required licenses. Remote KVM, Server Health Logging, Out of Band Management. Should have latest Windows server Operating system. Secure Boot(Firmware and Bios Level Security), Provision to lock the system on breach,	1	Numbers	480120	480120	AT Par	480120	Rs.
				39					

		Hardware root of trust/Dual Root of Trust, Server should provide policy based security, Server should provide server intrusion detection, with Processor Intel Xeon Silver 4309Y or with better specifications. Raid 1,5,6 and 8 RAID controller ports. Having Redundant power supply. Should have 3 year onsite warranty. Inspection: Consignee							
10	NS10	Supply of CAT6 STP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper23AWG(0.57m m) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by Consignee	305	Metre	30	9150	AT Par	9150	Rs.
11	NS11	Supply of CAT6 UTP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper 23AWG(0.57mm) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by RITES	10500	Metre	15.2	159600	AT Par	159600	Rs.
12	NS12	Supply of single mode 12fibre Armoured OFC cable, single mode supporting 1310nm. Inspection: Consignee	1000	Metre	36	36000	AT Par	36000	Rs.
13	NS13	Supply of single mode 12 Fibre Metal Strengthened Outdoor Unarmoured Optic Fibre Cable (ITU-T Rec. G.652) and all the accessories required for installation, as per latest TEC/BSNL Specification. Inspection: Consignee	1500	Metre	12.33	18495	AT Par	18495	Rs.
				40					

14	NS14	Supply of indoor Single Mode un-armoured fibre cable of minimum 6 fibre 9/125 micro meter. For indoor use. Of make Finolex/ Sterlite / Usha martins / Sudarshans or similar. Inspection: Consignee	1500	Metre	23	34500	AT Par	34500	Rs.
15	NS15	Supply and Laying of permanently solid lubricated HDPE pipes (33mm inner dia, 40mm outer dia) as per specification No.RDSO/SPN/TC/45/2013 Rev.2.0 amdt.2 or latest. Inspection: RDSO	8000	Metre	66	528000	AT Par	528000	Rs.
16	NS16	Blowing / Drawing of OFC cable in the permanently solid lubricated HDPE telecom pipe (33mm inner dia).	8000	Metre	15.4	123200	AT Par	123200	Rs.
17	NS17	Excavation of OFC Joint pit and supply and provision of RCC joint /Loop chamber of 1.2M dia, 60 Cm height and 50mm thickness with 2 pieces top and 50mm bottom cover with holes for drainages (reinforcement as per Drg No.OFC/2009/17). this includes filling up of sand complete in the joint chamber after cable laying, back filling and consolidation of soil around the chamber, disposal of excess soil as per plan or as advised by Railway Engineer at site as well as transportation of Joint chamber to site. Inspection: Consignee	12	Numbers	6077	72923.4	AT Par	72923.4	Rs.

18	NS18	Supply and installation of joint enclosure for armoured optical fibre cable conforming to RDSO spec. RDSO/SPN/TC/68/2014 rev.1.0 amdt.1 or latest. Inspection: RDSO	12	Numbers	10350	124200	AT Par	124200	Rs.
19	NS19	Fusion splicing of fibres. All the miscellaneous equipment and accessories required for the work shall be arranged by the contractor.	450	Numbers	150	67500	AT Par	67500	Rs.
20	NS20	Supply and fixing of wall mountable 24F Fibre Management System (FMS) RPG or Rachem make or similar. all accessories required for installation suitable for splicing and front patching of 24 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: RITES	74	Numbers	19061	1410532.50	AT Par	1410532.50	Rs.

21	NS21	Supply, fixing and termination of 24 FDMS 19" Rack Mount with Telescopic type loaded with SC '0' DB & Adaptor SCSM Pigtail 1.5 meters all accessories required for installation. all accessories required for installation suitable for splicing and front patching of 24 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: Consignee	25	Numbers	13566	339150	AT Par	339150	Rs.
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22	NS22	Supply and Termination at Wall/RackMountable of 12 Fiber FDMS 12 SC Type FDMS loaded with SC '0' DB Adaptor SC SM Pigtail 1.5 meters all accessories required for installation suitable for splicing and front patching of 12 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: Consignee	20	Numbers	9349.7	186994	AT Par	186994	Rs.
23	NS23	Cutting of trench across/on the platform for a depth of 10cm with marble cutting machine and refilling the trench after cable laying with plaster etc as it was earlier with similar material (Cable laying is not included in this schedule.)	900	Metre	200	180000	AT Par	180000	Rs.
24	NS24	Clamping of OFC/ Telecom cable/ PA system/ HDPE pipe in the station building/ platform/ wall/ Ceiling/ shelter using PVC spiral hose (for other than HDPE) of suitable dia as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be	150	Metre	87.27	13090.5	AT Par	13090.5	Rs.

		arranged by the contractor							
25	NS25	Supply & fixing of 20 mm PVC conduit, PVC conduit pipe of minimum 20mm outer dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/ceiling etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	1200	Metre	49.73	59676	AT Par	59676	Rs.
26	NS26	Supply & fixing of 25 mm PVC conduit, PVC conduit pipe of minimum 25mm outer dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/ceiling etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	6300	Metre	46.55	29326 5	AT Par	293265	Rs.

27	NS27	Drawal of UTP cable /OF cable etc through PVC Conduit, Drawing of cable through PVC conduit/Cap & casing. Drawal of UTP cable/STP /OF cable etc through PVC Conduit, Drawing of cable through PVC conduit/Cap & casing, one or more Switch board/UTP/OFC have to be drawn through the PVC pipe/Casing-Caping as per the instruction of Railway Engineer in charge. Suitable steel fish wire to be used for drawing the cable	8000	Metre	5.51	44080	AT Par	44080	Rs.
28	NS28	Supply Fixing and Termination of I/O box with RJ -45 socket. Fixing and Termination of I/O box with RJ -45 socket (85x85x45 mm appx). Single information outlet with Surface Mount Box (SMB), one RJ45 socket faceplate with shutter facility to be supplied and fixed. UTP cable sholud be terminated in I/O box Make:- Dlink/Digilink/Dax/Mol ex or similar. Inspection by Consignee.	310	Numbe rs	419.7 5	13012 3	AT Par	130123	Rs.
29	NS29	Supply of 10 meter single mode duplex optical patch chord FC SC/ FC-LC, SC-SC/ SC-LC or whichever is required as per site condition or as per the instruction of the Railway engineer in charge. Inspection: Consignee	500	Numbe rs	240	12000 0	AT Par	120000	Rs.

30	NS30	Supply and installation of Earthing and bonding system for signaling equipments as per RDSO specification No. RDSO/SPN/197 ver.1.0 or latest amendment. The work involves I) Supply of the following items a) Copper bonded steel electrodes of 3.0m long, 17.0mm dia with copper bonding thickness of minimum 250 micron and UL listed and marked b) Earth enhancement in sealed bags of 35 kg. c) Copper strip of 200x25x6mm - 1 Nos d) compound of RDSO approved brand supplied Copper strip of 300x25x6mm (MEEB) - 1 Nos. e) Multi- strand single core PVC insulated 35 Sqmm Copper cable as per IS- 694, used to connect other miscellaneous materials required for the work shall be supplied by the contractor. Inspection by RDSO (The material shall be procured from RDSO approved firms) II) Installation of Earth electrode and the work involves the following, a) A hole of 100mm to 125mm dia shall be augured /dug to a depth of about 2.8 meters. b) The earth electrode shall be placed into this hole. c) It will be penetrated into the soil by gently driving on the top of the rod. Here natural soil is assumed to be available at the bottom	15	Numbers	29120	436800	AT Par	436800	Rs.
				47					

of the electrode so that min. 150 mm of the electrode shall be inserted in the natural soil d) Earth enhancement material (minimum 35 kg) shall be filled into the augured/dug hole in slurry form and allowed to set. After the material gets set, the diameter of the composite structure Kearth electrode +earth enhancement material) shall be of minimum 100mm dia covering entire length of the hole. e) Remaining portion of the hole shall be covered by backfill soil, which is taken out during auguring /digging. f) Copper strip of 200x25x6mm to be exothermically welded to Earth Electrode and the same to be connected to MEEB using 35 Sq.mm Copper cable. g) Inspection chamber shall be provided by the contractor as per para.8.4.4 of RDSO specification. All the work has to be executed as per RDSO specification No. RDSO/SPN/197 Ver.1.0 or latest amendment. All the precautions referred in Annexure I & II of RDSO specification to be complied and earthing to be done as per drawing No.SDO/RDSO/E&B/001. The Installation of earth electrode has to be supervised by the representative of the OEM and joint installation report has to be submitted.

		Contractor has to submit MOU with OEM for supply and Installation of earth electrode. OEM shall certify that ""verification of system installation has been completed by their authorised representative and all necessary arrangements meet the required standards for trouble free working of installed system"". (If the minimum quantity of supply items mentioned has not been utilized, the remaining quantity has to be handed over to the Engineer in charge of the work.) Inspection: RDSO							
31	NS31	Supply and fixing of 19 inch, 6U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	15	Numbers	3325	49875	AT Par	49875	Rs.
32	NS32	Supply and fixing of 19 inch, 9U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	15	Numbers	6500	97500	AT Par	97500	Rs.

33	NS33	Supply and fixing of 19 inch, 12U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	44	Numbers	4702.5	206910	AT Par	206910	Rs.
34	NS34	Supply and fixing of 19 inch, 24U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	9	Numbers	15859	142731	AT Par	142731	Rs.
35	NS35	Supply and fixing of 19 inch, 42U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit. Inspection: Consignee	4	Numbers	27210	108840	AT Par	108840	Rs.
36	NS36	Supply of 600VA UPS APC/ Numeric/Hykon or similar complete with all accessories. Inspection: Consignee	15	Numbers	2185	32775	AT Par	32775	Rs.

37	NS37	Supply of 1 KVA UPS APC BR 1000 G/ Numeric/Hykon or similar make complete with all accessories. UPS shall be equipped with an RJ-45 port for connecting it to an Ethernet LAN Inspection : RITES	70	Numbers	6840	478800	AT Par	478800	Rs.
38	NS38	Supply of 2 KVA UPS APC / Numeric/Hykon or similar make complete with minimum 20 minutes backup all accessories. Inspection: Consignee	14	Numbers	24469	342566	AT Par	342566	Rs.
39	NS39	Supply of Computer Table (Model Styloof Godrej Make or Similar of Featherlitemake) & Chair (Godrej make ModelSpyder PCH 5602 or Similar Model of Featherlite Make). Computer table with key board drawer and table top. Steel members duly welded and rigid fixed table top,with slideable key boardtray,drawer,modesty panel,foot rest and also with another shelf at the bottom sidefor placing CPU and other peripherals. Top Extended by atleast 50 mm on all sides over the steel frame Type of lock 6-lever lock with a set of 2 keys of non corrosive material. Inspection: Consignee	6	Numbers	10270	61618.9	AT Par	61618.9	Rs.

40	NS40	Supply of Office table of dimensions not less than length 1.2m, depth 0.6m and height 0.75m. With 3 storage compartments. Table material should be commercial block board. Inspection: Consignee	13	Numbers	18500	240500	AT Par	240500	Rs.
41	NS41	Supply of Office visitors chair with arms and cantilever frame with seat padded with polyurethane foam similar to Godrej interio versa neo visitor chair. Inspection: Consignee	18	Numbers	8361	150498	AT Par	150498	Rs.
42	NS42	Supply of Optical power meter supporting 1310nm and 1550nm. With LCD display and necessary ISO and CE certifications. Inspection: Consignee	5	Numbers	3000	15000	AT Par	15000	Rs.
43	NS43	Supply of Optical Fibre Splicing machine used for fusion splicing of the optical fibres by fusing the fibres together using localised heating at the interface of the butted fibres. It should conform to TEC Spec, No. TEC/GR/TX/OSM-001/04/SEP-12 or latest. Inspection: RITES	1	Numbers	189998	189998	AT Par	189998	Rs.

44	NS44	Hiring Charges for one private road vehicle (Non AC Tata Sumo/Ertiga/Marazza/ Xylo or similar) with driver including the cost of fuel, lubricating oil and other required consumables, repairs and maintenance charges, over time allowances, if any ,all kinds of taxes and service charge etc for 12 Hours per day at an average 100 Km.per day. Contractor shall arrange the vehicle on demand by the supervisor incharge of the work.	30	Per Day	1770	53100	AT Par	53100	Rs.
45	NS45	Supply of OTDR- Optical Time domain reflectometer as per TEC spec No.TEC/GR/TX/OTD-001/05/SEP-19 or latest. Inspection: Consignee	1	Numbers	138296	138296	AT Par	138296	Rs.
46	NS46	Supply, installation and termination of 24 port Patch panel/RJ45 jack panel for terminating UTP CAT 6, 19 inch 1U, . Dlink or Panduit or Systimax or R&M or AMP or Molex or Krone or similar makes. Inspection: Consignee	15	Numbers	5985	89775	AT Par	89775	Rs.

47	NS47	Supply and fixing of 14SWG M.S/G.I Hot dip/Powder Coated Perforated Cable trays of size Width (300mm) X Height (50mm)with Suitable fixing Arrangements at Shelter As directed by Site Engineer. Inspection by consignee	100	Metre	850	85000	AT Par	85000	Rs.
48	NS48	Supply of 50pair Krone type connectors with mounting base unit and with CT Box (non metallic) as per RDSO/SPN/TC/97-2012,Rev.0. Necessary required materials shall be supplied by the contractor . Inspection by consignee	24	Numbers	693.69	16648.6	AT Par	16648.6	Rs.
49	NS49	Termination of 50pair Krone type connectors and terminating of pair cable with wooden plank as directed by engineer at site	24	Numbers	466.32	11191.7	AT Par	11191.7	Rs.
50	NS50	Supply of Thermo Shrink Joint Kit for PIJF cable for 10/20 pair TSF1 as per RDSO SPECN. No. RDSO/SPN/TC/57/2015 (rev.1) amdt. 1 or latest Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: Consignee	20	Numbers	885	17700	AT Par	17700	Rs.

51	NS51	Supply of Armored Under Ground Jelly Filled Cable 20 Pair Of 0.5mm Conductor Size Confirming IRS SPEC.NO. IRS/TC.41/97 with Amdt 1 to 3 OR LATEST. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection by RDSO	2000	Metre	175.8 2	35164 0	AT Par	351640	Rs.
52	NS52	Telecom Cable 24 Fibre armoured optic fibre as per specification No. IRS: TC-55-2006 (Rev.1.0) Amdt No.3 or latest. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: RDSO	6800	Metre	94.4	64192 0	AT Par	641920	Rs.

Tender No TVC-GSU-SNT-23-24-19 - ITEM DESCRIPTION

Sl.No	Item No	Description of Item	Unit	Qty	Rate	Amount
1	011010	Excavation of cable trench in all kinds of soil except hard rocky areas including clearing of roots of trees, rocks, bushes etc. to a depth of 1.0 Mtrs and to a width of 0.3 Mtrs. Laying of cables is not included in this schedule	Metre	6300.00	34.65	218295
2	011060	Excavation of trench to a depth of 1 Mtr. for track crossing of cables, laying of DWC/ RCC pipes with collar/coupling, refilling of trench by ramming and consolidating it as per the instructions of Railway representative at site. During excavation of trench it has to be ensured that the excavated soil does not mix with the ballast available. The depth of 1m trench shall be from the bottom of sleepers for track crossings. Laying of cables is not included in this schedule. (Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule).	Metre	180	208.35	37503
3	11070	Excavation of trench to a depth of 1 Mtr. for road crossing of cables, laying of DWC/ RCC pipes with collar/	Metre	500	270.83	135415

		coupling, refilling of trench by ramming and consolidating it and resurfacing it to the original position. Laying of cables is not included in this schedule.(Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule).				
4	11100	Provision of GI pipes (50/100mm dia) for cable laying in hard rocky area with off sets at both ends duly supported by concrete blocks of size 300mm x 300 mm x 300 mm at an interval of 2m. The ends of the pipes shall be closed with brick masonry work so that no cable is exposed, The work shall be carried out as per the instructions of Railway representative at site. Supply of GI pipes with couplings and laying of cables is not included in this schedule.[Stone jelly of size 20/25mm, bricks, sand, cement and all other miscellaneous materials required for the work shall be supplied by the Contractor].	Metre	60	168.08	10084.8
5	11110	Laying of signaling/power/telecommunication cables as per cable plan in cable trenches, masonry ducts, RCC Pipes, DWC pipes, GI Pipes etc.(Supply of cables is not included in this schedule).	Metre	2000	9.83	19660
6	11130	Placing of one row of country bricks of size approximately 220mm x 100mm x 60mm breadth wise horizontally above the cables in 0.3m width trench.[Country bricks of size 220mm x 100mm x 60 mm (approximately) shall be supplied by the Contractor].	Metre	1300	48.76	63388
7	11150	Refilling of cable trench 1m depth by 0.3m width throughout, with earth after laying of cables, and consolidating the trench by ramming and leveling.	Metre	6300	8.33	52479
8	11180	Supply of RCC cable markers as per drawing No.CSTE/CN/OFC/1. The lettering on the cable marker shall be "SIG" / "TELE" / "OFC" as per the instructions of Railway representative at site.	Metre	160	166.29	26606.4
9	11190	Digging of pit to a depth of 800mm of size 300mmX300mm,casting of concrete foundation of size 300mmX300mmX300mm and Placing	Numbers	160	121.43	19428.8

		of RCC cable markers on top of the foundation and refilling the pit and consolidating it by ramming. The cable markers shall be provided at an interval of 20 Mtrs. within station limits and 50 Mtrs. outside station limits throughout the cable route, diversions and also at every track/road/crossing.				
10	11210	Supply of Double walled corrugated pipe - 103.5mm inner dia & 120mm outer dia conforming to specification No. IS 14930(Part 2): 2001 with one coupler for every 6m of pipe as specified in Vol.II of the Tender document.	Metre	680	263.2	178976
11	11220	Supply of GI pipes - 50mm dia - 3.65mm thick as specified in Vol.II of the Tender document.	Metre	60	343.2	20592

Total					782428
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WORK 2- TVC-GSU-SNT-23-24-20-SUPPLY & INSTALLATION DESCRIPTION

SL.N O	ITE M CO DE	DESCRIPTION	ITE M QT Y	QTY UNOT	UNIT RATE	BASIC VALUE	Escl .%	Amount	Biddi ng Unit
Schedule A-Items under covered for SOR 2011								1046369.08	
1		Please see Item Breakup for details				643246.50	62.67	1046369.08	Abov e/ Belo w/Par
		Description:- Please see Item Breakup for details.							
Schedule B-Items not covered for SOR 2011								9731759	
SL.N O	ITE M CO DE	DESCRIPTION	ITE M QT Y	QTY UNOT	UNIT RATE	BASIC VALUE	Escl .%	Amount	Biddi ng Unit

1	NS1	Supply and Installation of Standard 19-inch Rack Mountable Layer 3, 24 Port Managed Switch with 4 Nos of 10/100/1000 Ethernet Ports with POE +Support and Redundant AC Power Supply, Dedicated Stacking Module 24 x10 GE SFP+ Ports for uplink including 4Nos of 10 GE BX SM SFP+ Modules, as per para number 4.0 of RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest.	5	Numbers	123900	619500	AT Par	619500	Rs.
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		Mounting Kit with all necessary accessories to be supplied. Make Cisco/Juniper or similar. Inspection by RDSO							
2	NS2	Supply of 24 port L-2 manageable network switch with 24nos 100/1000Base-T ports, 2nos 10G Base-T ports and 2Nos 10G SFP+ ports. and 4 optical ports(SFP). The switch must have GUI enabled management and interoperability with other makes of switches. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	30	Numbers	20995	629850	AT Par	629850	Rs.
3	NS3	Supply & Installation of Layer 2, 8Port POE Switch. 8nos 100/1000 Base-T PoE+ ports with 2 Nos SFP port. 70W PoE budget from day 1. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	30	Numbers	17460	523800	AT Par	523800	Rs.
4	NS4	Supply of Dual core SFP modules suitable for Layer-2 Manageable switches support for atleast 10KM range supporting 1310nm Single mode. Inspection: RITES	175	Numbers	2500	437500	AT Par	437500	Rs.
5	NS5	Supply, Installation , testing and commissioning of Media Convertor fibre to Ethernet, to support distance range of atleast 15 Km over single mode Fibre, of DLink/ MROTEK or similar make. Inspection: Consignee	46	Pair	5700	262200	AT Par	262200	Rs.

6	NS6	Supply of Windows based portable Network Monitoring deviceProcessor- intel core i5 or above RAM- 8GB DDR4,Hard drive- 512GB SSD, Display- 15.6" 1920x1080 IPS LED, OS- Windows 11 Pro With USB3, HDMI, Ethernet, Wifi, Bluetooth, HD web cam, DVD writer and card reader Should have 3 year warranty. Should provide carry case. Inspection: Consignee	3	Numbers	58843	176529	AT Par	176529	Rs.
7	NS7	Supply of Desktop Computer, with Windows 10/11 Pro OS pre loaded, 12th gen Intel core i5 processor, 16GB DDR4 RAM, 1TB HDD, 256GB SSD, onboard WiFi, Bluetooth DVD Writer, 23.5inch or above monitor. Warranty 3 years. Make: HP/Lenovo/Dell or similar. Inspection: RITES	5	Numbers	52299	261495	AT Par	261495	Rs.
8	NS8	Supply of CAT6 STP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper 23AWG(0.57mm) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by Consignee	305	Metre	30	9150	AT Par	9150	Rs.
9	NS9	Supply of CAT6 UTP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper 23AWG(0.57mm) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by Consignee	4850	Metre	15.2	73720	AT Par	73720	Rs.
10	NS10	Supply of single mode 12fibre Armoured OFC cable, single mode supporting 1310nm. Inspection: Consignee	250	Metre	36	9000	AT Par	9000	Rs.
11	NS11	Supply of single mode 12 Fibre Metal Strengthened Outdoor Unarmoured Optic Fibre Cable (ITU- T Rec. G.652) and all the	1500	Metre 59	12.33	18495	AT Par	18495	Rs.

		accessories required for installation, as per latest TEC/BSNL Specification. Inspection: Consignee							
12	NS1 2	Supply of indoor Single Mode un-armoured fibre cable of minimum 6 fibre 9/125 micro meter. For indoor use. Of make Finolex/ Sterlite / Usha martins / Sudarshans or similar. Inspection: Consignee	100 0	Metre	23	23000	AT Par	23000	Rs.
13	NS1 3	Supply and Laying of permanently solid lubricated HDPE pipes (33mm inner dia, 40mm outer dia) as per specification No.RDSO/SPN/TC/45/20 13 Rev.2.0 amdt.2 or latest. Inspection: RDSO	480 0	Metre	66	316800	AT Par	316800	Rs.
14	NS1 4	Blowing / Drawing of OFC cable in the permanently solid lubricated HDPE telecom pipe (33mm inner dia).	480 0	Metre	15.4	73920	AT Par	73920	Rs.
15	NS1 5	Excavation of OFC Joint pit and supply and provision of RCC joint /Loop chamber of 1.2M dia, 60 Cm height and 50mm thickness with 2 pieces top and 50mm bottom cover with holes for drainages (reinforcement as per Drg No.OFC/2009/17). this includes filling up of sand complete in the joint chamber after cable laying, back filling and consolidation of soil around the chamber, disposal of excess soil as per plan or as advised by Railway Engineer at site as well as transportation of Joint chamber to site. Inspection:Consignee	30	Numbe rs	6076. 95	182308 .5	AT Par	182309	Rs.
16	NS1 6	Supply and installation of joint enclosure for armoured optical fibre cable conforming to RDSO spec. RDSO/SPN/TC/68/2014	30	Numbe rs	10350	310500	AT Par	310500	Rs.

		rev.1.0 amdt.1 or latest. Inspection: RDSO							
17	NS1 7	Fusion splicing of fibres. All the miscellaneous equipment and accessories required for the work shall be aranged by the contractor.	450	Numbe rs	150	67500	AT Par	67500	Rs.
18	NS1 8	Supply and fixing of wall mountable 24F Fibre Management System (FMS) RPG or Rache make or similar. all accessories required for installation suitable for splicing and front patching of 24 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: RITES	57	Numbe rs	19061 .3	108649 1	AT Par	108649 1	Rs.
19	NS1 9	Supply, fixing and termination of 24 FDMS 19" Rack Mount with Telescopic type loaded with SC '0' DB & Adaptor SCSM Pigtail 1.5 meters all accessories required for installation. all accessories required for installation suitable for splicing and front patching of 24 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the	10	Numbe rs	13566	135660	AT Par	135660	Rs.

		Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: Consignee							
20	NS2 0	Supply and Termination at Wall/Rack Mountable of 12 Fiber FDMS 12 SC Type FDMS loaded with SC '0' DB Adaptor SC SM Pigtail 1.5 meters all accessories required for installation suitable for splicing and front patching of 12 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: Consignee	30	Numbers	9349.7	280491	AT Par	280491	Rs.
21	NS2 1	Road crossing / Track crossing through horizontal boring method using machineries and inserting 120mm outer dia 103.5mm inner dia DWC pipe	100	Metre	917.33	91733	AT Par	91733	Rs.
22	NS2 2	Cutting of trench across/on the platform for a depth of 10cm with marble cutting machine and refilling the trench after cable laying with plaster etc as it was earlier with similar material (Cable laying is not included in this schedule.)	400	Metre	200	80000	AT Par	80000	Rs.

23	NS2 3	Clamping of OFC/ Telecom cable/ PA system/ HDPE pipe in the station building/ platform/ wall/ Ceiling/ shelter using PVC spiral hose (for other than HDPE) of suitable dia as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor.	600	Metre	87.27	52362	AT Par	52362	Rs.
24	NS2 4	Supply & fixing of 20 mm PVC conduit, PVC conduit pipe of minimum 20mm outer dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/ceiling etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	120 0	Metre	49.73	59676	AT Par	59676	Rs.

25	NS2 5	Supply & fixing of 25 mm PVC conduit, PVC conduit pipe of minimum 25mm oter dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/ceiling etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	400	Metre	46.55	18620	AT Par	18620	Rs.
26	NS2 6	Drawal of UTP cable /OF cable etc through PVC Conduit, Drawing of cable through PVC conduit/Cap & casing. Drawal of UTP cable/STP /OF cable etc through PVC Conduit, Drawing of cable throughPVC conduit/Cap & casing, one or more Switch board/UTP/OFC have to be drawn through the PVC pipe/Casing- Caping as per the instruction of Railway Engineer in charge. Suitable steel fish wire to be used for drawing the cable	490 0	Metre	5.51	26999	AT Par	26999	Rs.

27	NS2 7	Supply Fixing and Termination of I/O box with RJ -45 socket. Fixing and Termination of I/O box with RJ -45 socket (85x85x45 mm appx). Single information outlet with Surface Mount Box (SMB), one RJ4 socket faceplate with shutter facility to be supplied and fixed. UTP cable should be terminated in I/O box Make:- Dlink/Digilink/Dax/Molex or similar. Inspection by Consignee.	130	Numbers	419.75	54567.5	AT Par	54568	Rs.
28	NS2 8	Supply of 10 meter single mode duplex optical patch cord FC SC/ FC-LC, SC-SC/ SC-LC or whichever is required as per site condition or as per the instruction of the Railway engineer in charge. Inspection: Consignee	350	Numbers	240	84000	AT Par	84000	Rs.
29	NS2 9	Trenching in Hard rocky area The work involved are chase cutting 500 mm deep in hard rocky area, refilling and cement concreting as per Drg No.CORE/S&T/ALD/SK/5 79/04, consolidating the trench by ramming and leveling.(Supply of cable is not included in this schedule) cement, sand, stone jelly etc and all other miscellaneous materials	400	Numbers	430.19	172076	AT Par	172076	Rs.
30	NS3 0	Supply and installation of Earthing and bonding system for signaling equipments as per RDSO specification No. RDSO/SPN/197 ver.1.0 or latest amendment. The work involves I) Supply of the following itemsa) Copper bonded steel electrodes of 3.0m long,	8	Numbers 65	29120	232960	AT Par	232960	Rs.

17.0mm dia with copper bonding thickness of minimum 250 micron and UL listed and marked b) Earth enhancement in sealed bags of 35 kg. c) Copper strip of 200x25x6mm - 1 Nos d) compound of RDSO approved brand supplied Copper strip of 300x25x6mm (MEEB) - 1 Nos. e) Multi- strand single core PVC insulated 35 Sqmm Copper cable as per IS- 694, used to connect other miscellaneous materials required for the work shall be supplied by the contractor. Inspection by RDSO (The material shall be procured from RDSO approved firms) II) Installation of Earth electrode and the work involves the following, a) A hole of 100mm to 125mm dia shall be augured /dug to a depth of about 2.8 meters. b) The earth electrode shall be placed into this hole. c) It will be penetrated into the soil by gently driving on the top of the rod. Here natural soil is assumed to be available at the bottom of the electrode so that min. 150 mm of the electrode shall be inserted in the natural soil d) Earth enhancement material (minimum 35 kg) shall be filled into the augured/dug hole in slurry form and allowed to set. After the material gets set, the diameter of the composite structure Kearth electrode + earth enhancement material) shall be of minimum 100mm dia covering entire length of the hole. e) Remaining portion of the hole shall be covered by backfill

	soil, which is taken out during auguring /digging. f) Copper strip of 200x25x6mm to be exothermically welded to Earth Electrode and the same to be connected to MEEB using 35 Sq.mm Copper cable. g) Inspection chamber shall be provided by the contractor as per para.8.4.4 of RDSO specification. All the work has to be executed as per RDSO specification No. RDSO/SPN/197 Ver.1.0 or latest amendment. All the precautions referred in Annexure I & II of RDSO specification to be complied and earthing to be done as per drawing No.SDO/RDSO/E&B/001. The Installation of earth electrode has to be supervised by the representative of the OEM and joint installation report has to be submitted. Contractor has to submit MOU with OEM for supply and Installation of earth electrode. OEM shall certify that "verification of system installation has been completed by their authorised representative and all necessary arrangements meet the required standards for trouble free working of installed system". (If the minimum quantity of supply items mentioned has not been utilized, the remaining quantity has to be handed over to the Engineer in charge of the work.) Inspection: RDSO							
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31	NS3 1	Supply and fixing of 19 inch, 6U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	18	Numbers	3325	59850	AT Par	59850	Rs.
32	NS3 2	Supply and fixing of 19 inch, 9U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	18	Numbers	6500	117000	AT Par	117000	Rs.
33	NS3 3	Supply and fixing of 19 inch, 12U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	9	Numbers	4702. 5	42322. 5	AT Par	42323	Rs.

34	NS3 4	Supply and fixing of 19 inch, 24U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	4	Numbers	15859	63436	AT Par	63436	Rs.
35	NS3 5	Supply and fixing of 19 inch, 24U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with atleast 4 power outlets. Inspection: Consignee	4	Numbers	27210	108840	AT Par	108840	Rs.
36	NS3 6	Supply of 600VA UPS APC/ Numeric/Hykon or similar complete with all accessories. Inspection: Consignee	21	Numbers	2185	45885	AT Par	45885	Rs.
37	NS3 7	Supply of 1 KVA UPS APC BR 1000 G/ Numeric/Hykon or similar make complete with all accessories. UPS shall be equipped with an RJ-45 port for connecting it to an Ethernet LAN Inspection : RITES	36	Numbers	6840	246240	AT Par	246240	Rs.

38	NS3 8	Supply of 2 KVA UPS APC / Numeric/Hykon or similar make complete with minimum 20 minutes backup all accessories. Inspection: Consignee	6	Numbers	24469	146814	AT Par	146814	Rs.
39	NS3 9	Supply of Computer Table (Model Styloof Godrej Make or Similar of Featherlitemake) & Chair (Godrej make ModelSpyder PCH 5602 or Similar Model of Featherlite Make). Computer table with key board drawer and table top. Steel members duly welded and rigid fixed table top,with slideable key boardtray,drawer,modesty panel,foot rest and also with another shelf at the bottom sidefor placing CPU and other peripherals. Top Extended by atleast 50 mm on all sides over the steel frame Type of lock 6-lever lock with a set of 2 keys of non corrosive material. Inspection: Consignee	5	Numbers	10269 .8	51349. 05	AT Par	51349. 09	Rs.
40	NS4 0	Supply of Office table. Of dimensions not less than length 1.2m, depth 0.6m and height 0.75m. With 3 storage compartments. Table material should be commercial block board. Inspection: Consignee	5	Numbers	18500	92500	AT Par	92500	Rs.

41	NS4 1	Supply of Office visitors chair with arms and cantilever frame with seat padded with polyurethane foam similar to Godrej interio versa neo visitor chair. Inspection: Consignee	21	Numbers	8361	175581	AT Par	175581	Rs.
42	NS4 2	Supply of Optical power meter supporting 1310nm and 1550nm. With LCD display and necessary ISO and CE certifications. Inspection: Consignee	2	Numbers	3000	6000	AT Par	6000	Rs.
43	NS4 3	Supply of Optical Fibre Splicing machine used for fusion splicing of the optical fibres by fusing the fibres together using localised heating at the interface of the butted fibres. It should conform to TEC Spec, No. TEC/GR/TX/OSM-001/04/SEP-12 or latest. Inspection: RITES	1	Numbers	18999 8	189998	AT Par	189998	Rs.
44	NS4 4	Supply of OTDR- Optical Time domain reflectometer as per TEC spec No. TEC/GR/TX/OTD-001/05/SEP-19 or latest. Inspection: Consignee	1	Numbers	13829 6	138295 .5	AT Par	138296	Rs.

45	NS4 5	Supply, installation and termination of 24 port Patch panel/RJ45 jack panel for terminating UTP CAT 6, 19 inch 1U, . Dlink or Panduit or Systimax or R&M or AMP or Molex or Krone or similar makes. Inspection: Consignee	5	Numbers	5985	29925	AT Par	29925	Rs.
46	NS4 6	Supply and fixing of 14SWG M.S/G.I Hot dip/Powder Coated Perforated Cable trays of size Width (300mm) X Height (50mm)with Suitable fixing Arrangements at Shelter As directed by Site Engineer. Inspection by consignee	700	Metre	850	595000	AT Par	595000	Rs.
47	NS4 7	Supply of 50 pair Krone type connectors with mounting base unit and with CT Box (non metallic) as per RDSO/SPN/TC/97-2012,Rev.0. Necessary required materials shall be supplied by the contractor . Inspection by consignee	8	Numbers	693.6 9	5549.5 2	AT Par	5549.5	Rs.
48	NS4 8	Termination of 50pair Krone type connectors and terminating of pair cable with wooden plank as directed by engineer at site.	8	Numbers	466.3 2	3730.5 6	AT Par	3730.6	Rs.

49	NS49	Supply of Thermo Shrink Joint Kit for PIJF cable for 10/20 pair TSF1 as per RDSO SPECN. No. RDSO/SPN/TC/57/2015 (rev.1) amdt. 1 or latest Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: Consignee	30	Numbers	885	26550	AT Par	26550	Rs.
50	NS50	Supply of Armored Under Ground Jelly Filled Cable 20 Pair Of 0.5mm Conductor Size Confirming IRS SPEC.NO. IRS/TC.41/97 with Amdt 1 to 3 OR LATEST. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection by RDSO	4500	Metre	175.82	791190	AT Par	791190	Rs.
51	NS51	Telecom Cable 24 Fibre armoured optic fibre as per specification No. IRS: TC-55-2006 (Rev.1.0) Amdt No.3 or latest. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: RDSO	4500	Metre	94.4	424800	AT Par	424800	Rs.

TVC-GSU-SNT-23-24-20 - ITEM DESCRIPTION						
Sl.No	Item No	Description of Item	Unit	Qty	Rate	Amount
1	11010	Excavation of cable trench in all kinds of soil except hard rocky areas including clearing of roots of	Metre	4000	34.65	138600

		trees, rocks, bushes etc. to a depth of 1.0 Mtrs and to a width of 0.3 Mtrs. Laying of cables is not included in this schedule				
2	1106 0	Excavation of trench to a depth of 1 Mtr. for track crossing of cables, laying of DWC/ RCC pipes with collar/coupling, refilling of trench by ramming and consolidating it as per the instructions of Railway representative at site. During excavation of trench it has to be ensured that the excavated soil does not mix with the ballast available. The depth of 1m trench shall be from the bottom of sleepers for track crossings. Laying of cables is not included in this schedule. (Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule).	Metre	140	208.35	29169
3	1107 0	Excavation of trench to a depth of 1 Mtr. for road crossing of cables, laying of DWC/ RCC pipes with collar/ coupling, refilling of trench by ramming and consolidating it and resurfacing it to the original position. Laying of cables is not included in this schedule. (Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule).	Metre	250	270.83	67707.5
4	1108 0	Provision of GI pipes (50/100mm dia) for cable laying with offset at both ends and with couplings over RCC Bridges/ Drainage/ Culverts with concrete masonry supports of size 300mm x 300 mm x 300 mm at an interval of 2m. The ends of the pipes shall be closed with brick masonry work so that no cable is exposed, The work shall be carried out as per the instructions of Railway representative at site. (Supply of GI pipes with couplings and laying of cables is not included in this schedule.) [Stone jelly of size 20/25mm, bricks, sand, cement and all other miscellaneous materials required for the work shall be supplied by the Contractor].	Metre	100	181.95	18195
5	1111 0	Laying of signaling/power/telecommunication cables as per cable plan in cable trenches, masonry ducts, RCC Pipes, DWC pipes, GI Pipes etc. (Supply of	Metre	4500	9.83	44235

		cables is not included in this schedule).				
6	1113 0	Placing of one row of country bricks of size approximately 220mm x 100mm x 60mm breadth wise horizontally above the cables in 0.3m width trench.[Country bricks of size 220mm x 100mm x 60 mm (approximately) shall be supplied by the Contractor].	Metre	3000	48.76	146280
7	1115 0	Refilling of cable trench 1m depth by 0.3m width throughout, with earth after laying of cables, and consolidating the trench by ramming and leveling.	Metre	4000	8.33	33320
8	1118 0	Supply of RCC cable markers as per drawing No.CSTE/CN/OFC/1. The lettering on the cable marker shall be "SIG" / "TELE" / "OFC" as per the instructions of Railway representative at site.	Numbers	100	166.29	16629
9	1119 0	Digging of pit to a depth of 800mm of size 300mmX300mm, casting of concrete foundation of size 300mmX300mmX300mm and Placing of RCC cable markers on top of the foundation and refilling the pit and consolidating it by ramming. The cable markers shall be provided at an interval of 20 Mtrs. within station limits and 50 Mtrs. outside station limits throughout the cable route, diversions and also at every track/road/crossing	Numbers	100	121.43	12143
10	1121 0	Supply of Double walled corrugated pipe - 103.5mm inner dia & 120mm outer dia conforming to specification No. IS 14930(Part 2): 2001 with one coupler for every 6m of pipe as specified in Vol.II of the Tender document.	Metre	390	263.20	102648
11	1122 0	Supply of GI pipes - 50mm dia - 3.65mm thick as specified in Vol.II of the Tender document.	Metre	100	343.2	34320

TOTAL					643246.50
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WORK 3 - TVC-GSU-SNT-24-25-21- SUPPLY & INSTALLATION DESCRIPTION

SL.NO	ITEM CODE	DESCRIPTION	ITEM QTY	QTY UNOT	UNIT RATE	BASIC VALUE	Escl.%	Amount	Biddi
Schedule A-Items under covered for SOR 2011								1371608.23	
1	Please see Item Breakup for details					843184.50	62.67	1371608.23	Above Below
	Description:- Please see Item Breakup for details.								
SL.NO	ITEM CODE	DESCRIPTION	ITEM QTY	QTY UNOT	UNIT RATE	BASIC VALUE	Escl.%	Amount	Biddi
Schedule B-Items not covered for SOR 2011								10177561.67	
1	NS1	Supply and Installation of Standard 19-inch Rack Mountable Layer 3, 24 Port Managed Switch with 4 Nos of 10/100/1000 Ethernet Ports with POE +Support and Redundant AC Power Supply, Dedicated Stacking Module 24 x10 GE SFP+ Ports for uplink including 4Nos of 10 GE BX SM SFP+ Modules, as per para number 4.0 of RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest. Mounting Kit with all necessary accessories to be supplied. Make Cisco/ Juniper or similar. Inspection by RDSO	5	Numbers	123900	619500	AT Par	619500	

2	NS2	Supply of 24 port L-2 manageable network switch with 24nos 100/1000Base-T ports, 2nos 10G Base-T ports and 2Nos 10G SFP+ ports. and 4 optical ports(SFP). The switch must have GUI enabled management and interoperability with other makes of switches. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	20	Numbers	20995	419900	AT Par	419900
3	NS3	Supply & Installation of Layer 2, 8Port POE Switch. 8nos 100/1000 Base-T PoE+ ports with 2 Nos SFP port.70W PoE budget from day 1. As per RDSO SPECIFICATION NO.RDSO/SPN/TC/83/20 20 Rev 2.1 or latest. Make Cisco/Juniper or similar. Inspection by RDSO	55	Numbers	17460	960300	AT Par	960300
4	NS4	Supply of Dual core SFP modules suitable for Layer-2 Manageable switches support for atleast 10KM range supporting 1310nm Single mode. Inspection: RITES	200	Numbers	2500	500000	AT Par	500000

5	NS5	Supply, Installation , testing and commissioning of Media Convertor fibre to Ethernet, to support distance range of at least 15 Km over single mode Fibre, of DLink/ MROTEK or similar make. Inspection: Consignee	66	Pair	5700	376200	AT Par	376200	
6	NS6	Supply of Windows based portable Network Monitoring deviceProcessor- intel core i5 or above RAM- 8GB DDR4,Hard drive- 512GB SSD, Display- 15.6" 1920x1080 IPS LED, OS- Windows 11 Pro With USB3, HDMI, Ethernet, Wifi, Bluetooth, HD web cam, DVD writer and card reader Should have 3 year warranty. Should provide carry case. Inspection: Consignee	4	Numbers	58843	235372	AT Par	235372	
7	NS7	Supply of Windows based portable Network Monitoring deviceProcessor- intel core i5 or above RAM- 8GB DDR4,Hard drive- 512GB SSD, Display- 15.6" 1920x1080 IPS LED, OS- Windows 11 Pro With USB3, HDMI, Ethernet, Wifi, Bluetooth, HD web cam, DVD writer and card reader Should have 3 year warranty. Should provide carry case. Inspection: Consignee	7	Numbers	52299	366093	AT Par	366093	

8	NS8	Supply of CAT6 STP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper 23AWG(0.57mm) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by Consignee	305	Metre	30	9150	AT Par	9150	
9	NS9	Supply of CAT6 UTP cable.The CAT-6 cable should consist of 4 pair of solid insulated copper 23AWG(0.57mm) pair separated with central slit film filler insulation, Make Legrand, D-link or similar. Inspection by Rites	4650	Metre	15.2	70680	AT Par	70680	
10	NS10	Supply of single mode 12fibre Armoured OFC cable, single mode supporting 1310nm. Inspection: Consignee	2400	Metre	36	86400	AT Par	86400	
11	NS11	Supply of single mode 12 Fibre Metal Strengthened Outdoor Unarmoured Optic Fibre Cable (ITU-T Rec. G.652) and all the accessories required for installation, as per latest TEC/BSNL Specification. Inspection: Consignee	4500	Metre	12.33	55485	AT Par	55485	
12	NS12	Supply of indoor Single Mode un-armoured fibre cable of minimum 6 fibre 9/125 micro meter. For indoor use. Of make Finolex/ Sterlite / Usha martins / Sudarshans or similar. Inspection: Consignee	300	Metre	23	6900	AT Par	6900	

13	NS13	Supply and Laying of permanently solid lubricated HDPE pipes (33mm inner dia, 40mm outer dia) as per specification No.RDSO/SPN/TC/45/20 13 Rev.2.0 amdt.2 or latest. Inspection: RDSO	7200	Metre	66	475200	AT Par	475200	
14	NS14	Blowing / Drawing of OFC cable in the permanently solid lubricated HDPE telecom pipe (33mm inner dia).	7200	Metre	15.4	110880	AT Par	110880	
15	NS15	Excavation of OFC Joint pit and supply and provision of RCC joint /Loop chamber of 1.2M dia, 60 Cm height and 50mm thickness with 2 pieces top and 50mm bottom cover with holes for drainages (reinforcement as per Drg No.OFC/2009/17). this includes filling up of sand complete in the joint chamber after cable laying, back filling and consolidation of soil around the chamber, disposal of excess soil as per plan or as advised by Railway Engineer at site as well as transportation of Joint chamber to site. Inspection: Consignee	8	Number	6076.95	48615.6	AT Par	48615.6	
16	NS16	Supply and installation of joint enclosure for armoured optical fibre cable conforming to RDSO spec. RDSO/SPN/TC/68/2014 rev.1.0 amdt.1 or latest. Inspection: RDSO	8	Number	10350	82800	AT Par	82800	

17	NS17	Fusion splicing of fibres. All the miscellaneous equipment and accessories required for the work shall be arranged by the contractor.	600	Numbers	150	90000	AT Par	90000
18	NS18	Supply and fixing of wall mountable 24F Fibre Management System (FMS) RPG or Rachem make or similar. all accessories required for installation suitable for splicing and front patching of 24 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: RITES	18	Numbers	19061.25	343102.5	AT Par	343102.5

19	NS19	Supply and Termination at Wall/RackMountable of 12 Fiber FDMS 12 SC Type FDMS loaded with SC '0' DB Adaptor SC SM Pigtail 1.5 meters all accessories required for installation suitable for splicing and front patching of 12 fibre cable with all accessories and terminating the optical fibre with splicing and front patching in the equipment room or places as required by the Railway representative (OFC patch cord and all other materials required for the splicing are to be supplied by the Contractor). This includes splicing of pigtail to the main cable at the location. Inspection: Consignee	78	Numbers	9349.7	729276.6	AT Par	729276. 6	
20	NS20	Road crossing / Track crossing through horizontal boring method using machineries and inserting 120mm outer dia 103.5mm inner dia DWC pipe	200	Metre	917.33	183466	AT Par	183466	
21	NS21	Cutting of trench across/on the platform for a depth of 10cm with marble cutting machine and refilling the trench after cable laying with plaster etc as it was earlier with similar material (Cable laying is not included in this schedule.)	900	Metre	200	180000	AT Par	180000	

22	NS22	Clamping of OFC/ Telecom cable/ PA system/ HDPE pipe in the station building/ platform/ wall/ Ceiling/ shelter using PVC spiral hose (for other than HDPE) of suitable dia as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor.	1250	Metre	87.27	109087.5	AT Par	109087. 5	
23	NS23	Supply & fixing of 20 mm PVC conduit, PVC conduit pipe of minimum 20mm outer dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/ceiling etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	4600	Metre	49.73	228758	AT Par	228758	

24	NS24	Supply & fixing of 25 mm PVC conduit, PVC conduit pipe of minimum 25mm oter dia with ISI mark to be used. The PVC conduits should be fixed over the wall/platform shelter/celing etc as per the instruction of Railway Engineer in charge. All accessories such as clamps, clips, saddle, bends, elbows, Tees, screws, cement/mortar etc and tools & plants to be arranged by the contractor. Inspection by Consignee	500	Metre	46.55	23275	AT Par	23275
25	NS25	Drawal of UTP cable /OF cable etc through PVC Conduit, Drawing of cable through PVC conduit/Cap & casing. Drawal of UTP cable/STP /OF cable etc through PVC Conduit, Drawing of cable through PVC conduit/Cap & casing, one or more Switch board/UTP/OFC have to be drawn through the PVC pipe/Casing- Caping as per the instruction of Railway Engineer in charge. Suitable steel fish wire to be used for drawing the cable	5100	Metre	5.51	28101	AT Par	28101

26	NS26	Supply Fixing and Termination of I/O box with RJ -45 socket. Fixing and Termination of I/O box with RJ -45 socket (85x85x45 mm appx). Single information outlet with Surface Mount Box (SMB), one RJ45 socket faceplate with shutter facility to be supplied and fixed. UTP cable should be terminated in I/O box Make:- Dlink/Digilink/Dax/Molex or similar. Inspection by Consignee.	240	Numbers	419.75	100740	AT Par	100740	
27	NS27	Supply of 10 meter single mode duplex optical patch cord FC SC/ FC-LC, SC-SC/ SC-LC or whichever is required as per site condition or as per the instruction of the Railway engineer in charge. Inspection: Consignee	350	Number	240	84000	AT Par	84000	
28	NS28	Trenching in Hard rocky area The work involved are chase cutting 500 mm deep in hard rocky area, refilling and cement concreting as per Drg No.CORE/S&T/ALD/SK/579/04, consolidating the trench by ramming and leveling.(Supply of cable is not included in this schedule) cement, sand, stone jelly etc and all other miscellaneous materials	200	Metre	430.19	86038	AT Par	86038	

29	NS29	Supply and installation of Earthing and bonding system for signaling equipments as per RDSO specification No. RDSO/SPN/197 ver.1.0 or latest amendment. The work involves I) Supply of the following items a) Copper bonded steel electrodes of 3.0m long, 17.0mm dia with copper bonding thickness of minimum 250 micron and UL listed and marked b) Earth enhancement in sealed bags of 35 kg. c) Copper strip of 200x25x6mm - 1 Nos d) compound of RDSO approved brand supplied Copper strip of 300x25x6mm (MEEB) - 1 Nos. e) Multi-strand single core PVC insulated 35 Sqmm Copper cable as per IS-694, used to connect other miscellaneous materials required for the work shall be supplied by the contractor. Inspection by RDSO (The material shall be procured from RDSO approved firms) II) Installation of Earth electrode and the work involves the following, a) A hole of 100mm to 125mm dia shall be augured /dug to a depth of about 2.8 meters. b) The earth electrode shall be placed into this hole. c) It will be penetrated into the soil by gently driving on the top of the rod. Here natural soil is assumed to be available at the bottom	7	Numbers	29120	203840	AT Par	203840
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	of the electrode so that min. 150 mm of the electrode shall be inserted in the natural soil d) Earth enhancement material (minimum 35 kg) shall be filled into the augured/dug hole in slurry form and allowed to set. After the material gets set, the diameter of the composite structure Kearth electrode + earth enhancement material) shall be of minimum 100mm dia covering entire length of the hole. e) Remaining portion of the hole shall be covered by backfill soil, which is taken out during auguring /digging. f) Copper strip of 200x25x6mm to be exothermically welded to Earth Electrode and the same to be connected to MEEB using 35 Sq.mm Copper cable. g) Inspection chamber shall be provided by the contractor as per para.8.4.4 of RDSO specification. All the work has to be executed as per RDSO specification No. RDSO/SPN/197 Ver.1.0 or latest amendment. All the precautions referred in Annexure I & II of RDSO specification to be complied and earthing to be done as per drawing No.SDO/RDSO/E&B/001. The Installation of earth							
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		electrode has to be supervised by the representative of the OEM and joint installation report has to be submitted. Contractor has to submit MOU with OEM for supply and Installation of earth electrode. OEM shall certify that ""verification of system installation has been completed by their authorised representative and all necessary arrangements meet the required standards for trouble free working of installed system"". (If the minimum quantity of supply items mentioned has not been utilized, the remaining quantity has to be handed over to the Engineer in charge of the work.) Inspection: RDSO							
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30	NS30	Supply and fixing of 19 inch, 6U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with at least 4 power outlets. Inspection: Consignee	27	Numbers	3325	89775	AT Par	89775
31	NS31	Supply and fixing of 19 inch, 9U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with at least 4 power outlets. Inspection: Consignee	37	Numbers	6500	240500	AT Par	240500

32	NS32	Supply and fixing of 19 inch, 12U rack wall mount with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with at least 4 power outlets. Inspection: Consignee	2	Numbers	4702.5	9405	AT Par	9405	
33	NS33	Supply and fixing of 19 inch, 24U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit with at least 4 power outlets. Inspection: Consignee	2	Numbers	15859	31718	AT Par	31718	
34	NS34	Supply and fixing of 19 inch, 42U standing rack with front Door Glass Door Type, all Doors should be Removable Type with all accessories Like Electrical fitting, Exhaust fans, Cable Manager, Spike Buster/Power distribution unit. Inspection: Consignee	2	Numbers	27210	54420	AT Par	54420	
35	NS35	Supply of 600VA UPS APC/ Numeric/Hykon or similar complete with all accessories. Inspection: Consignee	29	Numbers	2185	63365	AT Par	63365	

36	NS36	Supply of 1 KVA UPS APC BR 1000 G/ Numeric/Hykon or similar make complete with all accessories. UPS shall be equipped with an RJ-45 port for connecting it to an Ethernet LAN Inspection : RITES	43	Numbers	6840	294120	AT Par	294120	
37	NS37	Supply of 2 KVA UPS APC / Numeric/Hykon or similar make complete with minimum 20 minutes backup all accessories. Inspection: Consignee	8	Numbers	24469	195752	AT Par	195752	
38	NS38	Supply of Computer Table (Model Styloof Godrej Make or Similar of Featherlitemake) & Chair (Godrej make ModelSpyder PCH 5602 or Similar Model of Featherlite Make). Computer table with key board drawer and table top. Steel members duly welded and rigid fixed table top,with slideable key boardtray,drawer,mode sty panel,foot rest and also with another shelf at the bottom sidefor placing CPU and other peripherals. Top Extended by atleast 50 mm on all sides over the steel frame Type of lock 6-lever lock with a set of 2 keys of non corrosive material. Inspection: Consignee	6	Numbers	10269.81	61618.86	AT Par	61618.8 6	

39	NS39	Supply of Office table. Of dimensions not less than length 1.2m, depth 0.6m and height 0.75m. With 3 storage compartments. Table material should be commercial block board. Inspection: Consignee	7	Numbers	18500	129500	AT Par	129500	
40	NS40	Supply of Office visitors chair with arms and cantilever frame with seat padded with polyurethane foam similar to Godrej interio versa neo visitor chair. Inspection: Consignee	14	Numbers	8361	117054	AT Par	117054	
41	NS41	Supply of Optical power meter supporting 1310nm and 1550nm. With LCD display and necessary ISO and CE certifications. Inspection: Consignee	5	Numbers	3000	15000	AT Par	15000	
42	NS42	Supply of Optical Fibre Splicing machine used for fusion splicing of the optical fibres by fusing the fibres together using localised heating at the interface of the butted fibres. It should conform to TEC Spec, No. TEC/GR/TX/OSM-001/04/SEP-12 or latest. Inspection: RITES	1	Numbers	189998	189998	AT Par	189998	
43	NS43	Supply of OTDR- Optical Time domain reflectometer as per TEC spec No.TEC/GR/TX/OTD-001/05/SEP-19 or latest. Inspection: Consignee	1	Numbers	138295.53	138295.53	AT Par	138295.53	

44	NS44	Supply, installation and termination of 24 port Patch panel/RJ45 jack panel for terminating UTP CAT 6, 19 inch 1U, . Dlink or Panduit or Systimax or R&M or AMP or Molex or Krone or similar makes. Inspection: Consignee	10	Numbers	5985	59850	AT Par	59850	
45	NS45	Supply and fixing of 14SWG M.S/G.I Hot dip/Powder Coated Perforated Cable trays of size Width (300mm) X Height (50mm)with Suitable fixing Arrangements at Shelter As directed by Site Engineer. Inspection by consignee	900	Metre	850	765000	AT Par	765000	
46	NS46	Supply of 50 pair Krone type connectors with mounting base unit and with CT Box (non metallic) as per RDSO/SPN/TC/97-2012,Rev.0. Necessary required materials shall be supplied by the contractor . Inspection by consignee	8	Numbers	693.69	5549.52	AT Par	5549.52	
47	NS47	Termination of 50pair Krone type connectors and terminating of pair cable with wooden plank as directed by engineer at site.	8	Number	466.32	3730.56	AT Par	3730.56	

48	NS48	Supply of Thermo Shrink Joint Kit for PIJF cable for 10/20 pair TSF1 as per RDSO SPECN. No. RDSO/SPN/TC/57/2015 (rev.1) amdt. 1 or latest Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: Consignee	4	Numbers	885	3540	AT Par	3540	
49	NS49	Supply of Armored Under Ground Jelly Filled Cable 20 Pair Of 0.5mm Conductor Size Confirming IRS SPEC.NO. IRS/TC.41/97 with Amdt 1 to 3 OR LATEST. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection by RDSO	1500	Metre	466.32	699480	AT Par	699480	
50	NS50	Telecom Cable 24 Fibre armoured optic fibre as per specification No. IRS: TC-55-2006 (Rev.1.0) Amdt No.3 or latest. Make/Brand should be as per latest valid RDSO Approved vendor list. Inspection: RDSO	6700	Metre	94.4	632480	AT Par	632480	

Tender No.TVC-GSU-SNT-23-24-21 - Item Description						
Sl.No	Item No	Description of Item	Unit	Qty	Rate	Amount
1	011010	Excavation of cable trench in all kinds of soil except hard rocky areas including clearing of roots of trees, rocks, bushes etc. to a depth of 1.0 Mtrs and to a width of 0.3 Mtrs. Laying of cables is not included in this schedule.	Metre	9700	34.65	336105

2	011060	Excavation of trench to a depth of 1 Mtr. for track crossing of cables, laying of DWC/ RCC pipes with collar/coupling, refilling of trench by ramming and consolidating it as per the instructions of Railway representative at site. During excavation of trench it has to be ensured that the excavated soil does not mix with the ballast available. The depth of 1m trench shall be from the bottom of sleepers for track crossings. Laying of cables is not included in this schedule. (Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule)	Metre	180	208.35	37503
3	011070	Excavation of trench to a depth of 1 Mtr. for road crossing of cables, laying of DWC/ RCC pipes with collar/ coupling, refilling of trench by ramming and consolidating it and resurfacing it to the original position. Laying of cables is not included in this schedule. (Supply of DWC/RCC pipes with couplers/ collars is not included in this schedule).	Metre	250	270.83	67707.5

4	011080	Provision of GI pipes (50/100mm dia) for cable laying with offset at both ends and with couplings over RCC Bridges/ Drainage/ Culverts with concrete masonry supports of size 300mm x 300 mm x 300 mm at an interval of 2m. The ends of the pipes shall be closed with brick masonry work so that no cable is exposed, The work shall be carried out as per the instructions of Railway representative at site. (Supply of GI pipes with couplings and laying of cables is not included in this schedule.)[Stone jelly of size 20/25mm, bricks, sand, cement and all other miscellaneous materials required for the work shall be supplied by the Contractor].	Metre	100	181.95	18195
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5	011100	Provision of GI pipes (50/100mm dia) for cable laying in hard rocky area with off sets at both ends duly supported by concrete blocks of size 300mm x 300 mm x 300 mm at an interval of 2m. The ends of the pipes shall be closed with brick masonry work so that no cable is exposed, The work shall be carried out as per the instructions of Railway representative at site. Supply of GI pipes with couplings and laying of cables is not included in this schedule.[Stone jelly of size 20/25mm, bricks, sand, cement and all other miscellaneous materials required for the work shall be supplied by the Contractor].	Metre	140	168.08	23531.2
6	011110	Laying of signaling/power/telecommunication cables as per cable plan in cable trenches, masonry ducts, RCC Pipes, DWC pipes, GI Pipes etc.(Supply of cables is not included in this schedule).	Metre	1500	9.83	14745
7	011150	Refilling of cable trench 1m depth by 0.3m width throughout, with earth after laying of cables, and consolidating the trench by ramming and leveling.	Metre	9700	8.33	80801

8	011180	Supply of RCC cable markers as per drawing No.CSTE/CN/OFC/1. The lettering on the cable marker shall be "SIG" / "TELE" / "OFC" as per the instructions of Railway representative at site.	Numbers	240	166.29	39909.6
9	011190	Digging of pit to a depth of 800mm of size 300mmX300mm, casting of concrete foundation of size 300mmX300mmX300mm and Placing of RCC cable markers on top of the foundation and refilling the pit and consolidating it by ramming. The cable markers shall be provided at an interval of 20 Mtrs. within station limits and 50 Mtrs. outside station limits throughout the cable route, diversions and also at every track/road/crossing.	Numbers	240	121.43	29143.2
10	011210	Supply of Double walled corrugated pipe - 103.5mm inner dia & 120mm outer dia conforming to specification No. IS 14930(Part 2): 2001 with one coupler for every 6m of pipe as specified in Vol.II of the Tender document.	Metre	430	263.2	113176
11	11220	Supply of GI pipes - 50mm dia -3.65mm thick as specified in Vol.II of the Tender document.	Metre	240	343	82320
Total						843184.5

Signature of Bidder

Name:
Designation
Place:
Date:

Seal of BA Organization

The TENDER published by SOUTHERN RAILWAY for the work vide **SOUTHERN RAILWAY - TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23 24-21** dtd 05.04.2024 as circulated May please be referred for any clarifications.

The submission of EMD,PG,SD and Agreement with RCIL Non Judicial paper by the selected Bidder will be sacrosanct selected Bidder .

*Detailed sheet with split up of taxes to be enclosed by the bidder
Any software /hardware other than above, to achieve the objective of cited work shall be facilitated by the prospective BA/SI without additional financial implications .

Signature of Bidder
Name:
Place:
Date:

Company Seal

Annexure – 9

PROFORMA FOR PERFORMANCE BANK GUARANTEE

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

To,
The Joint General Manager,
RailTel Corporation of India Limited, Kerala
Territory Office, 1st Floor, Eastern Entry Tower,
Ernakulam South Railway Station, Ernakulam 682016

SOUTHERN RAILWAY Tender Ref. No.: TVC-GSU-SNT-23-24-19, TVC-GSU-SNT-23-24-20 & TVC-GSU-SNT-23-24-21 dtd 05.04.2023 on (<https://ireps.gov.in/epsn>)

1. In consideration of the RailTel Corporation of India Limited (CIN: L64202DL2000GOI107905), having its registered office at Plate-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi – 110023 (herein after called “RailTel”) having agreed to exempt..... (CIN :) having its registered office at (here in after called “the said Contractor”) from the demand, under the terms and conditions of Purchase Order No dated made between RailTel and for (hereinafter called “the said Agreement”) of security deposit for the due fulfilment by the said Contractor of the terms and condition contained in the said Agreement, or production of a Bank Guarantee for Rs (Rs. Only). We (indicate the name and address and other particulars of

the Bank) (hereinafter referred to as ‘the Bank’) at the request of contractor do hereby undertake to pay RailTel an amount not exceeding Rs. (Rs Only) against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breach by the said Contractor of any of the terms or conditions contained in the said Agreement.

2. We, the Bank do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage by the said Contractor of any of terms or conditions contained in the said Agreement by reason of the Contractor’s failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs (Rs Only).

3. We, the Bank undertake to pay the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

4. We, the Bank further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor and accordingly discharges this Guarantee. Unless a demand or claim under the Guarantee

is made on us in writing on or before We shall be discharged from all liability under this Guarantee thereafter.

5. We, the Bank further agree with the RailTel that the RailTel shall have fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time of to postpone for anytime or from time to time any of the powers exercisable by the RailTel against the said Contractor and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This Guarantee will not be discharge due to the change in the constitution of the Bank or the Contractor.

(..... indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of RailTel in writing.

Dated the Day of 2024 for (Name of Bank) In the presence of Witnesses:

1. Signature With Date
Name

2. Signature With Date
Name

Encl: SFMS PG Report

Signature of Bidder
Name:
Designation
Place:
Date:

Seal of BA Organization

Annexure-10

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement (this “Agreement”) is made and entered into on this _____ day of , _ 2024 (the “Effective Date”) at By and between RailTel Corporation of India Limited, (CIN: L64202DL2000GOI107905), a Public Sector Undertaking under Ministry of Railways, Govt. of India, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower -2, East Kidwai Nagar, New Delhi-110023 & Southern Region office at 1-10-39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad- 500 016, (hereinafter referred to as 'RailTel'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of the ONE PART, AND (CIN: _____), a company duly incorporated under the provisions of Companies Act, having its registered office at, (hereinafter referred to as '_____'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of OTHER PART RailTel and _____ shall be individually referred to as “Party” and jointly as “Parties WHEREAS, RailTel and _____, each possesses confidential and proprietary information related to its business activities, including, but not limited to, that information designated as confidential or proprietary under Section 2 of this Agreement, as well as technical and non- technical information, patents, copyrights, trade secrets, know-how, financial data, design details and specifications, engineering, business and marketing strategies and plans, forecasts or plans, pricing strategies, formulas, procurement requirements, vendor and customer lists, inventions, techniques, sketches, drawings, models, processes, apparatus, equipment, algorithms, software programs, software source documents, product designs and the like, and third party confidential information (collectively, the “Information”); WHEREAS, the Parties have initiated discussions regarding a possible business relationship for-----

WHEREAS, each Party accordingly desires to disclose certain Information (each Party, in such disclosing capacity, the “Disclosing Party”) to the other Party (each Party, in such receiving capacity, the “Receiving Party”) subject to the terms and conditions of this Agreement.

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

1. Permitted Use.

(a) Receiving Party shall:

- (i) hold all Information received from Disclosing Party in confidence;
- (ii) use such Information for the purpose of evaluating the possibility of entering into a commercial arrangement between the Parties concerning such Information; and

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

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

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

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

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

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

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

2. Designation.

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

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

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

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

4. Ownership of Information. All Information remains the property of Disclosing Party and no license or other rights to such Information is granted or implied hereby.

Notwithstanding the foregoing, Disclosing Party understands that Receiving Party may currently or in the future be developing information internally, or receiving information from other parties that may be similar to Information of the Disclosing Party. Notwithstanding anything to the contrary, nothing in this Agreement will be construed as a representation or inference that Receiving Party will not develop products, or have products developed for it, that, without violation of this Agreement, compete with the products or systems contemplated by Disclosing Party's Information.

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

6. Return or Destruction of Information.

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

(i) termination of this Agreement;

(ii) expiration of this Agreement; or

(iii) Receiving Party's determination that it no longer has a need for such Information.

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

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

8. Notice.

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

(i) by personal delivery, when delivered personally;

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

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

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

RailTel Corporation of India limited:

Attn:

Address:

Phone:

Email.:

Attn:

Address:

Phone:

Email

9. Term, Termination and Survivability.

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

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

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

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

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

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

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

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

13. Settlement of Disputes:

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

(b) In the event of any dispute, difference, conflict or question arising between the parties hereto,

relating to or concerning or arising out of or in connection with this agreement, is not settled through good faith negotiation or consultation, the same shall be referred to arbitration by a sole arbitrator.

14. The sole arbitrator shall be appointed by CMD/RailTel out of the panel of independent

arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the part

15. CONFIDENTIALITY OF NEGOTIATIONS

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

16. REPRESENTATION

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

17. ASSIGNMENT

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

18. EMPLOYEES AND OTHERS

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

19. NO LICENSE

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

20. RELATIONSHIP BETWEEN PARTIES:

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

21. UNPULISHED PRICE SENSITIVE INFORMATION (UPSI)

Agrees and acknowledges that _____, its Partners, employees, representatives etc., by virtue of being associated with RailTel and being in frequent communication with RailTel and its employees, shall be deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trading) Regulations, 2015 and shall be bound by the said regulations while dealing with any confidential and/or price sensitive information of RailTel. _____ shall always and at all times

comply with the obligations and restrictions contained in the said regulations. In terms of the said regulations,_____shall abide by the restriction on communication, providing or allowing access to any Unpublished Price Sensitive Information (UPSI) relating to RailTel as well as restriction on trading of its stock while holding such Unpublished Price Sensitive Information relating to RailTel.

22. MISCELLANEOUS.

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

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

RailTel Corporation of India Limited:

By
Name:
Title:

By
Name:
Title:

Witnesses:

Signature of Bidder
Name:
Designation
Place:
Date:

Seal of BA Organization

Pre-Bid Agreement - Annexure 11

(If Applicable)

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

This Pre-Bid Agreement (the “**Agreement**”) is made at New Delhi on this _____ Day of (month) 2024. **BETWEEN M/s. RailTel Corporation Of India Limited**, (CIN: L64202DL2000GOI107905) a company registered under the Companies Act 1956, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower-2, East Kidwai Nagar, New Delhi India – 110 023 and Southern Regional office at 1-10- 39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad- 500 016 (hereinafter referred to as “**RailTel**” which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) of the **FIRST PART. AND**

M/s. XXXX, (CIN: _____) a company registered under the Companies Act 1956, having its registered office at and its Corporate Office located at _____, (hereinafter referred to as “**XXXX**” which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) of the **SECOND PART.**

RailTel and _____ shall be hereinafter individually referred to as “**Party**”

And collectively as “**Parties.**”

Whereas,

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

B) _____(DETAILS OF SECOND PART)

C) RailTel had floated an EOI No: _____
dated _____pursuant to the TENDER floated by End Customer for“

for End Customer Organization for agreed Scope of Work”(hereinafter referred as “The said work/project/tender”), and subsequently, based on the offer submitted by M/s XXXX towards the RailTel’s EOI, M/s XXXX has been selected by RailTel as Business Associate for the said Project.

D) RailTel is in the process of participating in the tender issued by end customer, complete details of which have deliberately not been shared with XXXX and XXXX has waived its right to get the TENDER document of end customer owing to confidentiality concern raised by the end customer. However, a limited scope of work on ‘need to know basis’ and as detailed in clause

1.7 below, which will be carried out by XXXX has been shared with XXXX and based on the representation of “XXXX” that “XXXX” has read the said limited Scope of Work and has understood the contents thereof and that “XXXX” has sufficient experience to execute the said limited and defined scope of work, the Parties have mutually decided to form a “Business association” wherein RailTel shall act as the “Bidder” and “XXXX” shall act as the “business associate” in terms of the said Tender and in accordance to the terms agreed hereunder;

E) RailTel shall submit Rupees YYYY as BG against pre integrity pact at the time of submission of bids and an Integrity Pact bank guarantee to end customer and accordingly “XXXX” shall submit Rupees ZZZZ as BG of pre integrity pact on back to back basis to RailTel before final submission of the said bid to end customer. **(This is applicable on cases to case basis as per KSITIL requirement. May please read in conjunction of the current TENDER.)**

F) Party hereby acknowledges that RailTel has received Rs.

/(Rs. _____) from M/s XXXX as per the Terms and conditions of EOI no. _____ dated _____.

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

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

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

1. SCOPE OF CO-OPERATION

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

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

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

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

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

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

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

2. Technical Terms - As per KSITIL document

3. **TERM AND TERMINATION**

3.1. This Agreement shall come into force as of the date of signing and shall continue to be in full force and effect till the complete discharge of all obligations, concerning the carrying out of the

said Project, except terminated earlier by the Parties in terms of this Agreement or in terms of the said project, whichever is applicable.

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

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

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

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

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

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

4. Liability:

It is understood that the parties are entering into this pre-bid teaming agreement for requirement of submission of bid against the TENDER floated by end customer for Implementation of Network Security System and Integration for end Customer Organization. Parties acknowledge and agree that “XXXX” shall be completely liable for the successful execution of this project, in relation to its defined scope of work (as detailed in clause

1.7 above), fully complying the end customer requirements . Accordingly, it is agreed that notwithstanding anything contained in the TENDER document, “XXXX” shall be liable to RailTel with regard to its obligations and liability to complete the agreed and defined scope of work as detailed in clause 1.7 above..

5. EXCLUSIVITY

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

6. PAYMENT TERMS

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

7. TAXES

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

8. INDEMNIFICATION

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

- i. any breach or contravention of any of the terms, conditions, covenants of this Agreement by the Party;
- ii. Unethical business practices;
- iii. any acts or omission of the Party and/ or any of its employees, agents or contractors, and the liability for damages to property arising from or out of party operations in connection with the performance of this agreement;
- iv. any claim for taxes that might arise or be imposed due to this performance of Services hereunder;
- v. any representation or warranty or information furnished by the Party being found to be false;
- vi. Parties failure to pay all applicable compensation to its respective personnel;
- vii. death or personal injury to any person;
- viii. destruction or damage to any property by acts or omissions of either Party, its representatives or personnel;
- ix. any violation/non-compliance by the Party with any applicable laws governmental regulations or orders;

- x. any third party liability;
- xi improper handling or misuse of the Confidential Information of the Party(ies) by the Party

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

9. COMPLIANCES TO STATUTORY OBLIGATIONS

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

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

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

10. LEGAL STATUS

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

11. REPRESENTATIONS AND COVENANTS

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

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

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

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

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

12. SUBCONTRACTING BETWEEN PARTIES

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

13. GOVERNING LAW AND JURISDICTION

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

14. GOOD FAITH NEGOTIATION AND DISPUTE RESOLUTION

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

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

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

15. FORCE MAJEURE

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

No Party shall be liable to the other if, and to the extent, that the performance or delay in performance of any of its obligations under this Agreement is prevented, restricted, delayed or interfered with, due to a Force Majeure Event. The Party affected by Force Majeure Event shall promptly inform the other Party in writing and shall furnish within 30 (thirty) days thereafter, sufficient proof of the occurrence and expected duration of such Force Majeure Event. The Party affected by Force Majeure Event shall also use all reasonable endeavours to mitigate the negative effects of such Force Majeure Event on such Party's ability to perform its contractual obligations. In the event of a Force Majeure Event, the Parties shall immediately consult with each other in order to find an equitable solution and shall use all reasonable endeavours to minimise the consequences of such Force Majeure Event.

The occurrence of a Force Majeure Event shall however, not relieve a Party of any obligation to pay any sum due under this Agreement prior to the occurrence of the Force Majeure Event.

If the Force Majeure lasts for more than 6 (six) months, the Parties may mutually decide in writing on the future course of action with respect to this Agreement.

16. INTELLECTUAL PROPERTY RIGHTS

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

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

16.3. In case of joint development, the work-share and associated ownership of intellectual property of each Party shall be mutually agreed upon and defined in advance in the definitive agreement for the specific program. However, should any invention be jointly made by the Parties in the performance of this agreement, without neither Party being in a position to reasonably claim the ownership of said intellectual property right, the said right shall be jointly owned by the Parties and

the corresponding measures of protection for both Parties of the said right as may be practicable shall be mutually agreed by both Parties and cost for such registration of such right shall be borne by the parties proportionately as per the ownership of the rights.

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

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

17. CONFIDENTIALITY

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

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

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

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

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

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

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

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

17.3.6. Disclosed under operation of law;

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

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

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

18. NOTICES

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

To

RailTel Corporation Of India Limited

To: RailTel Corporation of India Ltd Kind Attn:

Executive Director / Southern Region

Address: 1-10-39 to 44, 6A, 6th Floor, Gumidelli Towers, Begumpet Airport Road, Opp. Shoppers Stop, Hyderabad- 500 016 No.: +91-40-27788000

To XXXX

To: XXXX

Kind Attn: _____ Address: _____ Mob. _____

No.: _____

Email: _____

19. AMENDMENT

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

20. PRIOR UNDERSTANDING

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

21. GENERAL

21.1. Binding Effect:

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

21.2. Counterpart:

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

21.3. Non-Partnership:

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

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

21.4. Severability:

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

21.5. Waiver:

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

21.6. Time is of essence:

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

22. Miscellaneous

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

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

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

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

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

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

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

For RailTel Corporation Of India Limited
Authorised Signatory

For XXXX
Authorized Signatory

Name:
Designation:

In Presence of witness:

Signature:

Name:

Address:

Name:
Designation:

Signature:

Name:

Address

Signature of Bidder

Name:

Designation

Place:

Date:

Seal of BA Organization

Annexure 12

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

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

I _____ (Name and designation)** appointed as the attorney/authorized signatory of the BA (including its constituents), M/s _____ (hereinafter called the BA) for the purpose of the EOI documents for the work of _____ as per the EOI No. _____ of (RailTel Corporation of India Limited), do hereby solemnly affirm and state on the behalf of the BA including its constituents as under:

1. I/we the BA (s), am/are signing this document after carefully reading the contents.
2. I/we the BA(s) also accept all the conditions of the EOI and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the EOI documents from RailTel website www.railtelindia.com. I/we have verified the content of the document from the website and there is no addition, no deletion or no alternation to be content of the EOI document. In case of any discrepancy noticed at any stage i.e., evaluation of EOI, execution of work or final payment of the contract, the master copy available with the RailTel Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6. I/we declare that the information and documents submitted along with the EOI by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7. I/we undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of EOI, it shall lead to forfeiture of the EOI EMD besides banning of business for five years on entire RailTel. Further, I/we (insert name of the BA)** and all my/our constituents understand that my/our constituents understand that my/our offers shall be emd rejected.
8. I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action provided in the contract including banning of business for five years on entire RailTel.

VERIFICATION

DEPONENT

SEAL AND SIGNATURE OF THE
BA

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

DEPONENT

SEAL AND SIGNAURE OF THE BA

Place:
Dated:

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

Signature of Bidder
Name:
Designation
Place:
Date:

Seal of BA Organization