



रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड

भारत सरकार का एक "नवरत्न" केंद्रीय सार्वजनिक क्षेत्र उद्यम

<u>पूर्वी क्षेत्र कार्यालय</u> 19वीं मंजिल, ऑरोरा वॉटरफ्रंट, जीएन 34/1, सेक्टर V, बिधाननगर, कोलकाता, पश्चिम बंगाल 700091	<u>कॉर्पोरेट कार्यालय</u> प्लेट-ए, 6वीं मंजिल, ऑफिस टॉवर-2, एनबीसीसी बिल्डिंग, ईस्ट किडवाई नगर, नई दिल्ली- 110023
<u>Eastern Region Office</u> 19th Floor, Aurora Waterfront, GN 34/1, Sector V, Bidhannagar, Kolkata, West Bengal 700091	<u>Corporate Office</u> Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023

ईओआई संख्या (EOI No.):

RAILTEL/ER/MKT/EOI/2025-26/081, DTD 20-11-2025

रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड, (इसके बाद रेलटेल के रूप में संदर्भित) निविदा के खिलाफ केवल विशिष्ट वस्तुओं (एसओआर के अनुसार) के लिए विशेष प्री-बिड टीमिंग व्यवस्था के लिए रेलटेल एम्पैनल्ड बिजनेस एसोसिएट से उपयुक्त भागीदार के चयन के लिए ईओआई आमंत्रित करता है, "गेट जंक्शन (जीजेसी) स्टेशन, दुव्वाडा (डीवीडी) और गोपालपट्टनम (जीपीटी) स्टेशन पर वितरित वास्तुकला के साथ नए इलेक्ट्रॉनिक इंटरलॉकिंग (हॉटस्टैंडबाय) की आपूर्ति, स्थापना, डिजाइन और कमीशनिंग और वीडिपीडी-जीजेसी और डीवीडी-जीपीटी खंडों के बीच तीसरी और चौथी लाइन के संबंध में वडलापुडी (वीडीपीडी) स्टेशन पर मेसर्स क्योसन के मौजूदा इलेक्ट्रॉनिक इंटरलॉकिंग (वितरित) में परिवर्तन की आपूर्ति, स्थापना, डिजाइन और कमीशनिंग और वीडिपीडी-जीजेसी और डीवीडी-जीपीटी खंड के बीच स्वचालित ब्लॉक कामकाज का प्रावधान जिसमें उल्लंघनकारी एलसी गेट, केबल्स, लोकेशन बॉक्स, अन्य सिग्नलिंग की उपयोगिता शिफ्टिंग शामिल है दूरसंचार गियर" पूर्वी तट रेलवे के वाल्टेयर डिवीजन में।"

RAILTEL

Invitation for Expression of Interest For

RailTel Corporation of India Ltd., (hereafter referred to as RailTel) invites EOIs for Selection of Suitable Partner from RailTel Empanelled Business Associate for exclusive PRE-BID TEAMING ARRANGEMENT for Specific Items ONLY (as per the SOR) against the tender “Supply, Installation, Design & Commissioning of New Electronic Interlocking (Hotstandby) with Distributed architecture at Gate Junction (GJC) station, Duvvada (DVD) and Gopalapatnam (GPT) station and Supply, Installation, Design & Commissioning of Alteration in existing Electronic Interlocking (Distributed) of M/s Kyosan at Vadlapudi (VDPD) station in connection with 3rd & 4th line between VDPD-GJC and DVD-GPT sections and provision of automatic block working between VDPD-GJC & DVD-GPT section including Utility shifting of infringing LC Gate, Cables, Location boxes, other Signaling & Telecommunication gears" in Waltair Division of East Coast Railway.”

रेलटेल
RAILTEL

EOI NOTICE

RailTel Corporation of India Ltd.

19th Floor, Aurora Waterfront, GN 34/1, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

EXPRESSION OF INTEREST

EOI Notice No: RAILTEL/ER/MKT/EOI/2025-26/081 DTD 20.11.2025

रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड, (इसके बाद रेलटेल के रूप में संदर्भित) निविदा के खिलाफ केवल विशिष्ट वस्तुओं (एसओआर के अनुसार) के लिए विशेष प्री-बिड टीमिंग व्यवस्था के लिए रेलटेल एम्पैनल्ड बिजनेस एसोसिएट से उपयुक्त भागीदार के चयन के लिए ईओआई आमंत्रित करता है, "गेट जंक्शन (जीजेसी) स्टेशन, दुव्वाडा (डीवीडी) और गोपालपट्टनम (जीपीटी) स्टेशन पर वितरित वास्तुकला के साथ नए इलेक्ट्रॉनिक इंटरलॉकिंग (हॉटस्टैंडबाय) की आपूर्ति, स्थापना, डिजाइन और कमीशनिंग और वीडपीडी-जीजेसी और डीवीडी-जीपीटी खंडों के बीच तीसरी और चौथी लाइन के संबंध में वडलापुडी (वीडीपीडी) स्टेशन पर मेसर्स क्योसन के मौजूदा इलेक्ट्रॉनिक इंटरलॉकिंग (वितरित) में परिवर्तन की आपूर्ति, स्थापना, डिजाइन और कमीशनिंग और वीडपीडी-जीजेसी और डीवीडी-जीपीटी खंड के बीच स्वचालित ब्लॉक कामकाज का प्रावधान जिसमें उल्लंघनकारी एलसी गेट, केबल्स, लोकेशन बॉक्स, अन्य सिग्नलिंग की उपयोगिता शिफ्टिंग शामिल है दूरसंचार गियर" पूर्वी तट रेलवे के वाल्टेयर डिवीजन में।"

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RAILTEL

विवरण निम्नानुसार है/ The details are as under:

1	ईओआई फ्लोटिंग की तिथि Date of EOI Floating	20.11.2025
2	ईओआई के तहत बोलियां प्रस्तुत करने की अंतिम तिथि Last date for submission of Bids against EOI	27.11.2025 up to 14:00 Hours
3	ईओआई के तहत प्राप्त बोलियों को खोलना Opening of Bids received against EOI	27.11.2025 up to 14:30 Hours
4	बोली प्रणाली Bidding System	Single Packet System
5	ईओआई का अनुमानित मूल्य Estimated Value of EOI	Rs. 26,41,05,361.56/- (Twenty six crore forty one lakh five thousand three hundred sixty one rupees and fifty six paisa only.)
6	ईओआई दस्तावेज लागत (कर सहित) (वापसी योग्य नहीं) EOI document cost (inclusive tax) (non-refundable)	Rs. 5,900/- Incl. GST (Five Thousand Nine Hundred only)
7	बयाना राशि जमा) ईएमडी)/ Earnest Money Deposit (EMD)	<p>1. Total EMD Amount to be paid is Rs. 15,37,000.00/-</p> <p>2. Token EMD (to be submitted along with bid/response in eNivida Portal): Rs. 5,00,000/- (Rupees Five Lakhs Only)</p> <p>3. Balance EMD of Rs. 10,37,000/- (Ten lakh thirty seven thousand rupees and zero paisa only.). (to be submitted by successful partner before RailTel's Bid Submission in CoR Tender)</p> <p>4. Refer Clause 3.6 for more details</p>
8	प्रस्तावों की वैधता/ Validity of offers	90 days from the date of opening of Offers
9	कार्य पूर्ण करने की अवधि/ Completion Period of the work	As per End Customer Confirmation.

नोट: रेलटेल अपने विवेकानुसार उपरोक्त तिथियों में परिवर्तन करने का अधिकार सुरक्षित रखता है।/

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

ईओआई सूचना और ईओआई दस्तावेज रेलटेल की वेबसाइट पर उपलब्ध हैं और इसे <https://www.railtel.in> या ई-निविदा पोर्टल <https://railtel.enivida.com> से डाउनलोड किया जा सकता है। ऑनलाइन बोली जमा करने के लिए निविदाकर्ता को <https://railtel.enivida.com> पोर्टल से ईओआई दस्तावेज की आधिकारिक ऑनलाइन प्रति अनिवार्य रूप से डाउनलोड करनी होगी।

EOI Notice and EOI Document are available on RailTel's website and can be downloaded from <https://www.railtel.in> or from the e-Tendering portal <https://railtel.enivida.com>. For online bid submission, the tenderer will have to necessarily download an official online copy of the EOI document from the portal <https://railtel.enivida.com>.

प्रस्ताव जमाकर्ता रुचि की अभिव्यक्ति की तैयारी, प्रस्तुत करने/भाग लेने से संबंधित सभी लागतों को वहन करेगा। रेलटेल इन लागतों के लिए किसी भी तरह से जिम्मेदार या उत्तरदायी नहीं होगा, चाहे बोली प्रक्रिया के आचरण या परिणाम कुछ भी हों।

The Respondent shall bear all cost associated with preparation, submission/participation of the Expression of Interest. RailTel in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

इस ईओआई के लिए भविष्य की सभी जानकारी अर्थात् शुद्धिपत्र / परिशिष्ट / संशोधन आदि केवल ई-निविदा पोर्टल पर पोस्ट किए जाएंगे। ईओआई दस्तावेज की मुद्रित प्रति रेलटेल कार्यालय से उपलब्ध नहीं की जाएगी।

All future information viz. corrigendum /addendum/ amendments etc. for this EOI shall be posted on this e-Tendering Portal only. Printed copies of the EOI document will not be provided from the RailTel office.

प्रस्ताव उपर्युक्त तिथि को उन प्रस्ताव जमाकर्ताओं की उपस्थिति में खोले जाएंगे जो उपस्थित होना चाहते हैं। यदि बोली प्राप्ति/खोलने की तिथि को अवकाश होता है, तो इसे अगले कार्य दिवस पर किया जाएगा।

The offers shall be opened on above mentioned date in the presence of those Respondents who choose to be present. If the receipt/opening bid date happens to be a holiday, the same shall be done on the next working day.

आरसीआईएल बिना किसी कारण के प्रस्तावों को स्वीकार/अस्वीकार करने का अधिकार सुरक्षित रखता है होगा।/

RCIL reserves the right to accept/reject the offers without any reason.

ईएमडी ईनिविदा पोर्टल के माध्यम से ऑनलाइन कोलकाता में देय रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड के पक्ष में जमा होना चाहिए। बोलीदाता को प्रस्ताव के साथ ऑनलाइन बैंक ट्रांसफर विवरण जैसे यूटीआर नंबर दिनांक और बैंक साझा करने की आवश्यकता है।

The EMD should be submitted in the favour of RailTel Corporation of India Limited payable at KOLKATA through online via eNivida Portal. Bidder needs to share the online bank transfer/DD/Pay Order/Banker's Cheque details like UTR No. date and Bank along with the proposal.

टिप्पणी : एक कार्यशील ईओआई होने के नाते, इस ईओआई के लिए एमएसई के लिए ईओआई दस्तावेज लागत और ईएमडी प्रस्तुत करने से कोई छूट उपलब्ध नहीं है। इसलिए, बोलीदाताओं को अपने प्रस्ताव के साथ ईओआई दस्तावेज लागत और ईएमडी प्रस्तुत करना चाहिए, जिसमें विफल होने पर उनके प्रस्ताव को मूल्यांकन के लिए नहीं माना जाएगा, और सरसरी तौर पर अस्वीकार कर दिया जाएगा। एमएसई के लिए खरीद वरीयता भी इस ईओआई के लिए लागू नहीं है।

Note: Being a works EOI, no exemption from submission of EOI document cost and EMD is available for MSEs for this EOI. Hence, the bidders should submit the EOI Document Cost & EMD along with their offer, failing which their offer will not be considered for evaluation, and will summarily be rejected. Purchase preference to the MSEs is also not applicable for this EOI

बोलियों की भाषा: बोली में सभी जानकारी हिंदी या अंग्रेजी में होगी। किसी अन्य भाषा में सूचना के साथ हिंदी/अंग्रेजी में उसका अनुवाद संलग्न होगा। इसका अनुपालन करने में विफल रहने पर बोली को अयोग्य घोषित कर दिया जाएगा। अर्थ में किसी भी विसंगति की स्थिति में, सभी दस्तावेजों की अंग्रेजी भाषा की प्रति मान्य होगी।

Language of Bids: All information in the bid shall be in Hindi or English. Information in any other language shall be accompanied by its translation in Hindi/English. Failure to comply with this shall disqualify a bid. In the event of any discrepancy in meaning, the English Language copy of all documents shall prevail.

पात्र बीए(एस)/ओईएम/ओईएम अधिकृत भागीदार/वितरक को ईओआई दस्तावेज के लिए इस आमंत्रण से संबंधित सभी संचार निम्नलिखित नामित संपर्क व्यक्तियों के माध्यम से निर्देशित करना आवश्यक है: /

Eligible BA(s)/OEM/OEM authorized partner/distributor are required to direct all communications related to this Invitation for EOI document, through the following Nominated Point of Contact persons:

Level: 1 Contact:

Sh. Sridip Das (Asst GM/Marketing/ER)

Email: sridip.das@railtelindia.com;

Contact: +91- 9007041225

Level: 2 Contact:

Sh. Abhishek Mani (Sr Dy GM/Marketing/ER)

Email: abhishekmani@railtelindia.com;

Contact: +91-6289857500

Level: 3 Contact:

Sh Narayan Mukherjee (GGM/Marketing/ER)

Email: narayan@railtelindia.com

Contact: +91-9007044110

CHAPTER 1 SUBMISSION OF BID

1. This EOI should be duly submitted online using e-Procurement Portal <https://railtel.enivida.com>.
 - 1..1 The offer shall be submitted in Single packet on eNivida Portal as per instructions given.
 - 1..2 Tenderer shall quote in SOR provided in eNivida portal. In case the schedule of requirement quoted by tenderer is incomplete with reference to EOI document, the offer is liable to be rejected.
 - 1..3 Any document submitted/uploaded in eNivida portal must be duly signed & stamped/digitally signed by the tenderer in each page.

- 1.4 The rates quoted should be written both in words and figures. The unit of rates should be in metric system and as per EOI specification/schedule. In case of difference between words and figures, the rate in words will prevail. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the purchaser accordingly.
- 1.5 Tenderers are requested to go through all the conditions of the EOI document and note that, by submitting the EOI documents, duly signed, they have accepted these conditions and undertake to abide by these conditions (unless specifically disagreed to clause wise).
- 1.6 **ATTESTATION OF ALTERATION:** No scribbling is permissible in the EOI documents. Bids containing erasures and alterations in the EOI documents are liable to be rejected. Any correction made by the tenderer/ tenderers in his/their entries must be signed (not initiated) by him/them.

2. COVER-01:

- i. EOI Document Fee, EMD, Credential & Technical Bid: This shall contain UTR Numbers of transaction/ Date of online transaction of EMD and EOI Fee amount paid online in RailTel Collection Account/proof of transaction to be enclosed.
- ii. Documents as per the eligibility criteria and Credential & Technical Bid shall be submitted. These documents should be in conformance to the eligibility criteria/Credential.
- iii. Financial Part: This shall contain only the Price bid against the SOR in excel format.

3. E-tendering Instructions to Bidders

- i. **GENERAL:** These Special Instructions (for e-Tendering) supplement, as given above. Submission of Bids only through online process is mandatory for this EOI.

E-Tendering is a methodology for conducting Public Procurement in a transparent and secured manner. Now, the Government of India has made e-tendering mandatory. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, RailTel has decided to use the portal <https://railtel.envida.com>. Bidder Enrolment can be done using "Online Bidder Enrolment".

The instructions given below are meant to assist the bidders in registering on the e- tender Portal, and submitting their bid online on the e-tendering portal as per uploaded bid. More information for submitting online bids on the eNivida Portal may be obtained at: <https://railtel.enivida.com>

ii. **GUIDELINES FOR REGISTRATION:**

1. Bidders are required to enroll on the e-Procurement Portal: **<https://railtel.enivida.com/bidderRegistration/newRegistration>** or click on the link “**Bidder Enrolment**” available on the home page of e-tender Portal by paying the Registration fee of Rs. 2000/-+ Applicable GST.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their account.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (**Only Class III Certificates with signing + encryption key usage**) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.) with their profile.
5. Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC /e-Token.
7. The scanned copies of all original documents should be uploaded in pdf format on e-tender portal.
8. After completion of registration payment, bidders need to send their acknowledgement copy on our help desk mail id eprocurement@railtelindia.com for activation of account.

iii. **SEARCHING FOR EOI DOCUMENT:**

1. There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.
2. Once the bidders have selected the tenders they are interested in, bidders can pay the EOI fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then bidder may download the required documents / EOI schedules, Bid documents etc. Once bidder pay both fee EOI will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the EOI document.

iv.

PREPARATION OF BIDS:

1. Bidder should take into account any corrigendum published on the EOI document before submitting their bid.
2. Please go through the EOI notice and the EOI document carefully to understand the documents required to be submitted as part of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the EOI document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colour option, which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
5. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process. Already uploaded documents in this section will be displayed. Click "New" to upload new documents.

v.

SUBMISSION OF BIDS:

1. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other

issues.

2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the EOI document as a token of acceptance of the terms and conditions laid down by RailTel.
3. Bidder has to select the payment option as “e-payment” to pay the EOI fee / EMD as applicable and enter details of the instrument.
4. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the financial bid has been given as a standard BOQ format with the EOI document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the **Sky-Blue Coloured** (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
5. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. The uploaded EOI documents become readable only after the EOI opening by the authorized bid openers.
7. Upon the successful and timely submission of bid click “Complete” (i.e. after Clicking “Submit” in the portal), the portal will give a successful Bid submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
8. The EOI summary has to be printed and kept as an acknowledgement of the submission of the Bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
9. For any clarification in using eNivida Portal:

- a. Any queries relating to the EOI document and the terms and conditions contained therein should be addressed to the EOI Inviting Authority for a EOI or the relevant contact person indicated in the EOI Document.
- b. Any queries relating to the process of online bid submission or queries relating to e- tender Portal in general may be directed to the Helpdesk Support.
- c. Please feel free to contact eNivida Helpdesk (as given below) for any query related to e-tendering.
- d. Phone No. 011-49606060/8448288988
- e. Mail id: - enividahelpdesk@gmail.com

10. Documents to be submitted: Following documents shall be submitted in Technical and Financial bid as given below:

(a) **“TECHNICAL BID”**; -The bid shall consist of the following: -

- a. Offer Letter.
- b. Signed Copy of EOI Document/ Corrigenda.
- c. E-receipt of EMD.
- d. E-receipt of EOI Document fee.
- e. Power of attorney/Authorization (The original/Notarized copy also to be submitted offline).
- f. Complete technical data and particulars.
- g. Clause wise compliance to EOI conditions.
- h. Documentary proof of qualifying criteria.
- i. Affidavit (The original copy also to be submitted offline).
- j. Certificate by bidders sharing a land border with India.
- k. Any other document asked in the EOI Document but not listed above.

(b) **“PRICE BID”** Shall contain the financial bid for “Schedule of requirements” only.

Note: Non submission of the above-mentioned documents may lead to rejection of the bid.

CHAPTER 2: LIST OF DOCUMENTS TO BE SUBMITTED OFFLINE

2.1 The above-mentioned documents are to be submitted in offline mode and these should reach RailTel Office before opening of the bids:

- a) Power of attorney/Authorization.
- b) Affidavit (Annexure-4).
- c) Integrity pact (2 copies) (if value of work is more than 15 Crs)

2.2 Address for submission of offline documents:

RailTel Corporation of India Limited, Eastern Region,
Aurora Waterfront, 19th floor, GN 34/1, Sector V,
Salt Lake, Bidhannagar, Kolkata-91 (WB)

Or RailTel's Territory Office (Bhubaneswar, Ranchi, Patna, NJP, Guwahati)

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CHAPTER 3: IMPORTANT POINTS

1. RailTel Empanelled Business Associate(s) are required to submit soft copy of response through Online on RailTel's eNivida portal at <https://railtel.enivida.com> duly signed by Authorized Signatories with Company seal and stamp.
2. The EOI response is invited from BA(s). A prospective bidder can be empanelled during the preboarding/onboarding process i.e. Partner who have applied for empanelment with RailTel can also participate duly submitting the mail sent to RailTel & proof of payment of empanelment fee.
3. BA(s) can participate as a sole bidder or as a consortium (maximum three members are allowed in the consortium).
4. ~~If, the interested partner is OEM/OEM authorised partner/distributor, it should submit the supporting document for the same.~~
5. All the documents must be submitted with proper indexing and page numbering.
6. This is an EOI for BA(s) for participating in the end customer tender/RFP. Selected partner's authorized signatory has to give an undertaking they will not submit directly or indirectly their bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel). This undertaking has to be given with this EOI Response.
7. Transfer and Sub-letting. The Partner has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present.
8. Partner has to facilitate RailTel in getting MAF/OEM Documentation in name of RailTel to be submitted along with other documents against the referred tender. Interested partner may intimate the probable OEMs (item wise) through above given email IDs prior to their EOI response.
9. Partner has to agree to comply with all scope of work and term and conditions including special term and condition, SLA and OEM technical, Proven ness Criteria & Financial documentation including MAF, Technical certificates/others as per end-to-end requirement mentioned in the end customer's tender/RFP & its corrigendum (if any) as mentioned below:

RFP Ref. No.	STCKRPU-V-G_D-G-OT116
Date of floating	07/11/2025
Floated on portal	https://www.ireps.gov.in/
10. Partner once selected has to ensure all technical documents/ solution documents related to OEM before submission of RailTel's Proposal.

11. Installation, commissioning and integration should be done by OEM or their authorized agencies only. If authorized agencies are involved, RailTel should be informed in writing before finalization.
12. Partner/Consortium has to ensure OEM support (of its product including customization part) till the expiry of contract period.
13. Partner/Consortium has to ensure validity of all licenses from implementation stage to the expiry of contract period.
14. Anything not mentioned in the EOI, Customer tender/RFP and its corrigendum (if any) may be referred & considered.
15. To maintain confidentiality, RailTel reserves the right to show/not show the competition bids in eNivida Portal.
16. RailTel at its discretion may select an offer which does not fulfil the eligibility criteria, if otherwise found suitable as per the requirement of CoR.
17. Manpower deployment to be done by selected bidder as per the scope of the work and as per end customer RFP. The charges for necessary deployment to be borne by the bidder. RailTel will be responsible for supervision of the Project.
18. In case of any ambiguity, discrepancy, or interpretation issue arising out of the EoI document, the decision of RailTel shall be final, binding, and conclusive on all bidders. RailTel reserves the right to clarify, modify, or interpret any clause of the EoI document as deemed necessary, and such decision shall not be subject to further challenge or dispute by the participating bidders.
19. Proof of Concept(POC)-The successful partner has to arrange for the demonstration of Proof of Concept as per the End Customer RFP/Tender and at No Extra Cost.(If Applicable)

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CHAPTER 4: DETAILS OF THE PROJECT

1. PROJECT BACKGROUND AND OBJECTIVE OF EOI

RailTel intends to participate in the tender floated by Dy.CSTE/CON/KRPU, East Coast Railway vide Tender Ref. No. STCKRPU-V-G_D-G-OT116 Dated 07/11/2025 for Supply, Installation, Design & Commissioning of New Electronic Interlocking (Hotstandby) with Distributed architecture at Gate Junction (GJC) station, Duvvada (DVD) and Gopalapatnam (GPT) station and Supply, Installation, Design & Commissioning of Alteration in existing Electronic Interlocking (Distributed) of M/s Kyosan at Vadlapudi (VDPD) station in connection with 3rd & 4th line between VDPD-GJC and DVD-GPT sections and provision of automatic block working between VDPD-GJC & DVD-GPT section including Utility shifting of infringing LC Gate, Cables, Location boxes, other Signaling & Telecommunication gears" in Waltair Division of East Coast Railway.

In this connection, RailTel is inviting EOIs from RailTel's Empanelled Partners for the selection of suitable partner. The Empanelled partner is expected to have excellent execution capability and good understanding of customer local environment.

It will be responsibility of Partner to comply all extent guidelines and regulations of Central/State Govt. including Make in India or any other concerned entities including DoT/TEC in respect of supply of new equipment and services from time to time. The bidder has to comply to RDSO/RITES/any other Specification and compliances as per the end customer RFP (if applicable). In addition, Partner will also comply any change in the rules and regulations by Govt. or any other entities like DoT/TEC. Partner should submit an undertaking in this regard in their bid.

2. SCOPE OF WORK

The scope of work will be as mentioned in the pertinent tender of Dy.CSTE/CON/KRPU East Coast Railway vide Tender Ref. No. STCKRPU-V-G_D-G-OT116 Dated 07/11/2025 for the work of "Supply, Installation, Design & Commissioning of New Electronic Interlocking (Hotstandby) with Distributed architecture at Gate Junction (GJC) station, Duvvada (DVD) and Gopalapatnam (GPT) station and Supply, Installation, Design & Commissioning of Alteration in existing Electronic Interlocking (Distributed) of M/s Kyosan at Vadlapudi (VDPD) station in connection with 3rd & 4th line between VDPD-GJC and DVD-GPT sections and provision of automatic block working between VDPD-GJC & DVD-GPT section including Utility shifting of infringing LC Gate, Cables, Location boxes, other Signaling & Telecommunication gears" in Waltair Division of East Coast Railway".

Bidder shall strictly comply with technical specifications of all items to be supplied as given in Part - III) "SCOPE OF WORK AND SPECIAL CONDITIONS OF CONTRACT" of customer RFP/tender

In case of any discrepancy or ambiguity in any clause / specification pertaining to scope of work area, the tender/RFP (including all associated clarifications, response to queries, revisions, addendum and corrigendum, associated prime service agreement (PSA)/MSA/SLA also included.) released by end

customer organization shall supersede and will be considered sacrosanct. **RailTel's decision in this respect will be final and will have to be agreed by selected partner.**

The successful bidder shall submit a detailed delivery plan as per the project deliverables timelines before the commencement of the project.

The successful bidder shall conduct a detailed study of functional and technical requirements of the work to make the required system configuration and design modifications to its solution if required in order to achieve the desired functionality. However, the same must be accepted and approved by RailTel/Customer.

Special Note: RAILTEL may retain any portion of the work mentioned in the end organization tender, where RailTel has competence so that overall proposal becomes most winnable proposal.

3. RESPONSE TO EOI GUIDELINES

3.1 Language of Proposals

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

3.2 RailTel's Right to Accept/Reject responses

RailTel reserves the right to accept or reject any response and annul the bidding process or even reject all responses at any time prior to selecting the partner, without thereby incurring any liability to the affected partner or Business Associate or without any obligation to inform the affected partner or partners about the grounds for RailTel's action.

3.3 EOI response Document

The partner is expected to examine all instructions, forms, terms and conditions and technical specifications in the bidding documents. Submission of bids, not substantially responsive to the bidding document in every aspect will be at the partner's risk and may result in rejection of its bid without any further reference to the partner.

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

3.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 90 days from the date of opening of EOI.

3.5 Bidding Process

The bidding process as defined in Chapter 1.

3.6 Bid Earnest Money Deposit (EMD)

3.6.1. The Partner shall furnish a TOKEN EMD as given in EOI Notice via online transfer **directly through e-Nivida portal**. This will be called as TOKEN EMD.

3.6.2. Offers not accompanied with valid TOKEN EMD shall be summarily rejected.

3.6.3. 'Successful / Selected' Partner has to furnish Balance Earnest Money Deposit (Balance EMD) (for balance amount as mentioned in the customer's Bid as and if applicable) for the bid to RailTel. The selected Business Associate shall have to submit a Bank Guarantee against EMD in proportion to the quoted value/scope of work to RailTel **before submission of bid to end customer** as and if applicable. The EMD in form of BG should be valid for the given "Bid Validity" period.

3.6.4. **If customer asks EMD in Online Transfer, then BA shall have to submit the EMD in Online Transfer only.**

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

3.6.6. Return of EMD for successful Business Associates: TOKEN EMD (Earnest Money Deposit) & BALANCE EMD of the successful partner will be discharged / returned on receipt of Security Deposit and Performance Bank Guarantee as applicable (clause no. 3.7) from Business Associate.

3.6.7. Forfeiture of EOI EMD and or Penal action as per EMD Declaration.

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

3.6.7.2. In case of non-submission of SD/PBG (as per clause no. 3.7) lead to forfeiture of EOI EMD and or suitable action as prescribed in the EMD Declaration shall be initiated as applicable.

3.7 Security Deposit / Performance Bank Guarantee (PBG):

- 3.7.1 **SECURITY DEPOSIT:** *(As per Back-to-back terms and to be levied only if customer is levying on RailTel).* The successful tenderer shall submit 5% of total value of the Service including GST detailed in the Purchase Order/ Letter of Acceptance towards Security Deposit in the form of online transfer or irrevocable Bank Guarantee from any scheduled commercial bank (either private or PSU) but not from any cooperative bank or NBFC, within 30 days of issue of the Purchase Order/Letter of Acceptance or may be recovered at the rate of 10% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the RailTel 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 90 days and shall be extended from time to time, depending upon extension of contract granted. All other terms & Conditions of Bank Guarantee shall be applicable as mentioned in clause No. 3.7.2.

In case the bid is successful, the PBG of requisite amount proportionate to the agreed scope of work will have to be submitted to RailTel.

- 3.7.2 **Performance Bank Guarantee :** The successful tenderer shall submit **5%** of total value of the Service including GST detailed in the Purchase Order/ Letter of Acceptance towards Performance Guarantee* in the form of online transfer or irrevocable Bank Guarantee from any scheduled commercial bank (either private or PSU) but not from any cooperative bank or NBFC, within 21 days of issue of the Purchase Order/Letter of Acceptance, failing which a penal interest of 15% per annum shall be charged for the delayed period i.e. beyond 21 (twenty one) days from the date of issue of PO/LOA, till the date PBG is received, which may be considered only up to 60 days of issuance of PO/LOA.

If, the PBG is not submitted by the successful partner within 60 days of issuance of PO/LOA, RailTel reserves the right to terminate the contract.

* Round off to higher Rs. 1000/- (One thousand).

- 3.7.2.1 The PBG shall be initially valid up to stipulated completion of all contractual obligations including warranty obligations (if applicable) plus 90 days along with a claim period of 12 months (time period between expiry date and claim date) on top of guarantee period (if applicable) under the contract.

Note:

A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's Bank through SFMS and only after this the BG

will become acceptable to RailTel. It is therefore in own interest of bidder to obtain RailTel's bank IFSC code, its branch and address and advise these particulars to the BG issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank.

Detail for online SFMS confirmation using the platform is as below:
 BG advising message – IFN 760COV/ IFN 767COV via SFMS
 To mandatorily send the Cover message at the time of BG issuance.
 IFSC Code of ICICI Bank to be used (ICIC0000007).
 Mention the unique reference (RAILTEL6103) in field 7037

- 3.7.2.2 Any performance security up to a value of Rs. 5 Lakhs is to be submitted through online transfer only.

RailTel's Bank Account Details for online submission of Performance Guarantee amount are given as below:

- Company Name: RailTel Corporation of India Ltd.
- Bank Name: Union Bank of India
- Branch Name: Camac Street Branch
- Bank IFSC: UBIN0540161
- Account Type: Current Account
- Account No.: 401601010519491

- 3.7.2.3 No Interest on Earnest Money and Performance Security: No interest shall be paid on the amount of earnest money and Performance Security held by RailTel, at any stage.

- 3.7.2.4 The Performance Bank Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA)/Purchase Order has been issued, but before signing of the contract agreement. In case, the time for completion of work gets extended, the contractor shall get the validity of PBG. extended to cover such time for completion of work plus 90 days with a claim period of 12 months (time period between expiry date and claim date) on top of guarantee period.

- 3.7.2.5 The value of PBG to be submitted by the contractor will not change for variation up to 25% (either increase or decrease). In case during the course of execution, value of the contract increases by more than + 25% of the original contract value, an additional Performance Bank Guarantee amounting to 10% (ten percent) for the excess value over the original contract value shall be deposited by the contractor.

- 3.7.2.6 The Performance Bank Guarantee (PBG) shall be released on completion of Contract including warranty period obligations under the contract, duly adjusting any dues recoverable from the successful tenderer.
- 3.7.2.7 Wherever the contracts are rescinded, the Performance Bank Guarantee shall be encashed and the balance work should be got done separately.
- 3.7.2.8 In case the customer has sought PBG of the contract in the terms of Indemnity Bond from RailTel, the selected partner has to provide the equivalent value PBG from scheduled Bank to RailTel. No Indemnity Bond from Selected Partner will be accepted in lieu of PBG from Scheduled Bank.
- 3.7.2.9 If the service period gets extended by virtue of extension or any other reason by end customer, PBG should also be extended accordingly.
- 3.7.2.10 RailTel shall also be entitled to make recoveries from the Partner's bills, PBG or from any other amount due to him, any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.
- 3.7.2.11 The PBG should have validity for a period as per Customer PO to RailTel and shall be on back-to-back basis. The PBG may be discharged / returned by RailTel upon being satisfied that there has been due performance of the obligations of the Partner under the contract. In the event, CSP being unable to service the contract for whatsoever reason, RailTel would invoke the PBG at its discern. Notwithstanding and without prejudice to any rights whatsoever of RailTel under the contract in the matter, the proceeds of the PBG shall be payable to RailTel as compensation for any loss resulting from the Partner's failure to complete its obligations under the contract. RailTel shall notify the Partner in writing of the exercise of its right to receive such compensation within 14 days, indicating the contractual obligation(s) for which the Partner is in default.
- 3.7.2.12 If customer ask for submission for value more than 3%, same also needs to be submitted by the selected business partner.

- 3.8 Last date & time for Submission of EOI response
EOI response must be submitted to RailTel at eNivida Portal of RailTel not later than the specified date and time mentioned in the preamble.
- 3.9 Modification and/or Withdrawal of EOI response

- 3.9.1 EOI response once submitted will be treated as final and no modification will be permitted except with the consent of the RailTel.
- 3.9.2 No Partner shall be allowed to withdraw the response after the last date and time for submission.
- 3.9.3 The successful Partner will not be allowed to withdraw or back out from the response commitments. In case of withdrawal or back out by the successful business associate, the Earnest Money Deposit shall be forfeited and all interests/claims of such Business Associate shall be deemed as foreclosed.
- 3.10 Partner with lowest (L1) offer will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solutions so that the most winnable solution is submitted to end customer. The final Proposal will be prepared jointly with the selected Business Associate so that the optimal bid can be put with a good chance of winning the RFP.
- 3.11 Clarification of EOI Response:
- To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the Business Associate for clarification. The response should be in writing and no change in the price or substance of the EOI response shall be sought, offered or permitted.
- 3.12 Period of Association/Validity of Agreement: RailTel will enter into an agreement with selected partner with detailed Terms and conditions.

4. EVALUATION CRITERIA

- 4.1 The BA(s) who are /OEM/OEM authorised partner/distributor are first evaluated on the basis of the Eligibility Criteria as per clause 14.
- 4.2 The BA(s) who are OEM/OEM authorised partner/distributor who fulfils the Eligibility criteria of Bidding shall be further evaluated on the basis of Technical Evaluation and Financial evaluation.
- 4.3 For the opened bid as per outcome of the Eligibility criteria above, the partner will be selected on the lowest quote (L-1) basis for individual 'Schedule of Requirement' as mentioned in the EOI document and documents of technical specifications of Customer, subject to the respective overall bid is in compliance to the requirements of this EOI. The so selected partner will be termed as 'Commercially Suitable Partner (hereafter referred to as 'CSP')'. It is re-mentioned, that the final selection of CSP will be on the L-1 basis only.

Further, RailTel reserves the right to have negotiation with the CSP at any stage before issuing Work Order.

4.4 Deleted

4.5 RailTel reserves the right to accept or reject the response against this EOI, without assigning any reasons. The decision of RailTel is final and binding on the participants. The RailTel evaluation committee will determine whether the proposal/ information is complete in all respects and the decision of the evaluation committee shall be final.

4.6 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

5. PAYMENT TERMS

5.1 Payment Terms are levied on back-to-back basis including any advance/ Mobilization advance.

5.2 However, for any Advance / Mobilisation Advance, the requisite amount of Bank Guarantee / FDR (in lien to RailTel Corporation of India Ltd (Payable at Kolkata) shall be submitted to RailTel. The BG/FDR shall be valid till atleast till 1 Month after “Go-Live”.

5.3 Payment will be released after receipt of payment from end customer for the same work / services. Any deduction /Penalties levied on RailTel invoices will be deducted in totality (full amount, which ever levied by Customer) from CSP’s invoices.

5.4 Deleted

5.5 Documents list required at the time of payment/invoice submission by selected partner shall be:

- i. PO/LOA copy issued to selected partner.
- ii. Submission/Declaration of applicable SD/BG amount against PO issued to selected partner/vendor.
- iii. Signed Agreement Copy
- iv. Original Invoice for the period/item claimed.
- v. TDS declaration.
- vi. Receipted Challan/ Consignment Note of all the consignments.
- vii. Manufacturer’s Test / Inspection Certificate from end customer. (Not Applicable for Software Items)
- viii. Manufacturer's Warranty /Guarantee Certificate. (Not Applicable for Software Items)
- ix. Partners Certificate of Dispatch

- x. E-way bill
- xi. Insurance of the materials in favour of RailTel (Not Applicable for Software Items)
- xii. PAN, GST Registration Certificates
- xiii. Any other document mentioned in customers tender.

**** Any deduction/LD/Penalties levied by Customer on invoices of RailTel will be deducted from CSP's invoices or PBG.**

- 5.6 Payment will only be released once GSTR-1 and GST-3B is filed by the partner for claimed invoice.
- 5.7 The last bills shall be settled after end of the contract period after adjusting all outstanding dues.
- 5.8 No interest is payable on any amount whatsoever to the successful Partner.
- 5.9 Bill Passing Authority: TM/GHY or RailTel's authorized representative
- 5.10 Bill Paying Authority: Finance Head/ER

6. SERVICE LEVEL AGREEMENT (SLA)

- 6.1 The selected partner will be required to adhere to the SLA matrix as defined in the end Customer organization tender/RFP for his scope of work and the SLA breach penalty will be applicable on the selected partner, as specified in the end Customer organization tender/RFP. The SLA scoring and penalty deduction mechanism for in-scope of work area shall be followed as specified in the tender. All associated clarifications, responses to queries, revisions, addendum and corrigendum, associated Prime Services Agreement (PSA)/ MSA/ SLA also included. Any deduction by Customer from RailTel payments on account of SLA breach which is attributable to Partner will be passed on to the Partner proportionately in terms of value based on its scope of work.
- 6.2 Penalty (full amount, which ever levied by Customer **(pertaining to scope covered under this EOI)** will be deducted at the time of payment.

7. Insurance

The CSP shall take out and keep in force a policy or policies of insurance from the date, the delivery of material starts (including the transit portion) against all liabilities of the CSP or RailTel as per customer tender specified terms. The CSP shall take out and keep in force a Policy or policies of Insurance for all materials covered in schedule of requirement irrespective of whether used up in the portion of work already done or kept for the use in the balance portion of the work. The risk of

goods shall remain with CSP till the completion of contract. Claimant of insurance shall be in the name of RailTel Corporation of India Ltd and shall be kept valid till completion of contract.

7.1. INSURANCE OF MATERIALS: The Contractor shall take out and keep in force a Policy or policies of Insurance for all machine & materials including RailTel supply materials/equipment.

(i) The Contractor should, however, insure the stores brought to HQ, site, against risks in consequence of war and invasion, as required under the Emergency Risk (Goods) Insurance Act on force from time to time.

(ii) It may be noted that the beneficiary of the insurance policy should be RailTel, or the policies should be pledged in favour of RailTel/Railway. The contractor shall keep the policy/policies current till the completion of the contract.

(iii) For the purpose of enabling the contractor to take the insurance cover in connection with this contract, the Executive Director or its representatives will advise the approximate price of all the RailTel supply materials to the Contractor.

8. Liquidated Damages:

RailTel will levy the liquidated damages imposed by customer to partner on value terms at the time of releasing of payment.

Note: Full amount of LD will be charged, which ever levied by customer on RailTel.

9. Delivery & Inspection

9.1 Delivery & Inspection will be as per as per customer's tender/RFP Terms.

9.2 Partner will be custodian of all the material till installation and commissioning of system or as decided by RailTel.

9.3 Charges for any 3rd party inspection should be under scope of Partner in full amount.

10. PROVISIONAL ACCEPTANCE TESTING:

10.1. As per customer's tender/ RFP Terms.

10.2. Immediately after the completion of the work in all aspects, the Bidder shall certify and advise the purchaser in writing that the installation is complete, commissioned and ready for handing over to customer.

10.3. The tests will be conducted jointly by purchaser and Bidder as soon as possible after receipt of such advice of completion of the work from the Bidder. The test schedule shall be

finalized mutually between the Bidder and RailTel. Any component/modules/sub-assemblies or equipment failing during the commissioning shall be replaced/repaired free of cost by bidder.

- 10.4.** Purchaser's Engineer shall issue a Provisional Acceptance Certificate (PAC) after successful Supply, installation, integration & commissioning covering all materials and services included in the Schedule of Requirements after the acceptance test as per the approved test procedure have been completed and the performance has been found to meet the specifications. RailTel's decision in this respect shall be final. The Provisional Acceptance Certificate (PAC) shall be signed by both the parties. The period of Comprehensive Maintenance shall commence from the date of issue of Provisional Acceptance Certificate (PAC).

11. FINAL ACCEPTANCE TESTING:

- 11.1. Testing, System Acceptance, PAT, FAT, Go-Live: As per customer's tender/RFP Terms.
- 11.2. Charges for any 3rd party inspection should be under scope of Partner
- 11.3. The final acceptance of the works shall take effect after "contract period validity as agreed by RailTel's end customer" of issue of Provisional Acceptance Certificates to, provided in any case that the Bidder has complied fully with his obligations in respect of each item under the contract
- 11.4. Notwithstanding the issue of Final Acceptance Certificate (FAC), the Bidder and the purchaser (subject to Sub Clause as above) shall remain liable for fulfilment of any obligation incurred under the provision of the contract prior to the issue of Final Acceptance Certificate which remains unperformed at the time such certificate is issued and for determining the nature and extent of such obligation the contract shall be deemed to remain in force between the parties hereto.

12. INSPECTION

- 12.1 Testing, System Acceptance, PAT, FAT, Go-Live: As per customer's tender/RFP Terms.
- 12.2 Along with inspection call, the supplier/manufacture shall submit details of test procedures, program, parameters together with permissible values, etc., and their Quality Assurance Plan.
- 12.3 In case material/equipment fails during inspection, the fresh lot of material shall be offered without any extra cost, by the manufacturer/supplier. In such a case, total cost of re-inspection including travel, lodging & boarding of the inspecting officials shall be to manufacturer's /supplier's account

13. PARTNER'S PROFILE

The partner shall provide the information on the table below:

SN	ITEM	Details
1.	Full name of Partner's firm	
2.	Full address, telephone numbers, fax numbers, and email address of the primary office of the organization / main / head / corporate office	
3.	Name, designation and full address of the Chief Executive Officer of the partner's organization as a whole, including contact numbers and email Address	
4.	Full address, telephone and fax numbers, and email addresses of the office of the organization dealing with this EOI	
5.	Name, designation and full address of the person dealing with the EOI to whom all reference shall be made regarding the EOI enquiry. His/her telephone, mobile, Fax and email address	
6.	Bank Details (Bank Branch Name, IFSC Code, Account number)	
7.	GST Registration number	
8.	Whether owned by SC/ST	
9.	Whether owned by Women entrepreneur	
10.	Whether MSME (attach Udhyam Aadhaar certificate and Number)	

14. ELIGIBILITY CRITERIA FOR BUSINESS PARTNER OF RAILTEL

SN	Description	Requirement	Compliance
A	General, Technical, Financial & OEM Eligibility		
1	General	Partner should be a Sole proprietorship/ Partnership/ LLP (Limited Liability partnership)/ limited company (Public/Private) registered in India under the Companies Act, 1956/2013 for the last 3 years as on bid submission date	1. Certificate of Incorporation / partnership deed / trade license.: Affidavit of Proprietorship 2. PAN, GSTIN Certificate
2	Financial	1. Partner / Any Consortium member should have average annual financial turnover during the last 3 years, ending 31st March of the previous financial year of at least 30% of the advertised value of the EOI (if advertised) or Quoted value against EOI.	Documentary Evidence Required Certificate of Turnover, Positive Networth and Profitable from Chartered Accountant.

SN	Description	Requirement	Compliance
		2. Sole partner/ All consortium members should also have a positive net worth & be profitable in the last 3 financial years.	Certificate should contain UDIN no. issued by ICAI.
3	Technical	<p>The Partner must have completed similar nature of work during last 3 (Three) years ending Bid submission date as per following capacity</p> <ol style="list-style-type: none"> 1. One Similar work, each costing not less than the amount equal to 35% of the advertised value of the EOI (if advertised) or Quoted value against EOI. OR 2. Two Similar works, each costing not less than the amount equal to 20% of the advertised value of the EOI (if advertised) or Quoted value against EOI. OR 3. Three Similar works, each costing not less than the amount equal to 15% of the advertised value of the EOI (if advertised) or Quoted value against EOI. <p>for any Central / State Government Organization / Public Sector Unit (PSU)/Large Enterprise in India.</p> <p>OR</p> <p>The partner should possess a proven track record in implementation of similar nature of work in at least 2 stations through one order in last 7 years for any Central / State Government Organization / Public Sector Unit (PSU)/Large Enterprise in India.</p> <p>Similar Work means:</p> <p>Panel Interlocking (Indoor + Outdoor) or Route Relay Interlocking (Indoor) or Route Relay Interlocking (Indoor +</p>	<p>Documentary Evidence Required:</p> <p>The bidder shall furnish Work order/ Purchase order / MOU along with Commissioning certificate / work completion certificate / Go-live certificate issued by customer.</p>

SN	Description	Requirement	Compliance
		<p>Outdoor) or Electronic Interlocking/Solid State Interlocking (Indoor) or Electronic Interlocking/Solid State Interlocking (Indoor + Outdoor)</p> <p>OR</p> <p>Full Execution/ Modification/Alteration of Panel Interlocking (Indoor + Outdoor)</p> <p>OR</p> <p>Full Execution/ Modification/ Alteration of Route Relay Interlocking (Indoor)</p> <p>OR</p> <p>Full Execution/ Modification/ Alteration of Electronic Interlocking (Indoor)</p> <p>OR</p> <p>Full Execution/ Modification/ Alteration of Solid State Interlocking (Indoor)</p> <p>OR</p> <p>Full Execution/ Modification/ Alteration of Electronic Interlocking (Indoor+ Outdoor)</p> <p>OR</p> <p>Full Execution/ Modification/ Alteration of Solid State Interlocking (Indoor + Outdoor)</p> <p>OR</p> <p>Supply, installation, Commissioning of relays/field Interface Units for RRI/EI/PI/SS</p> <p>OR</p>	

SN	Description	Requirement	Compliance
		<p>OFC laying/any Telecom Works</p> <p>For any Central / State Government Organization / Public Sector Unit (PSU)/Large Enterprise in India</p> <p>Large Enterprise means: Company having turnover of more than 250 Crs in previous audited financial year.</p>	
B	Annexures		
i)	Annexure 1	Covering Letter: Self-certification duly signed by authorized signatory on company letter head.	
ii)	Annexure 2	<p>The Partner should agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted.</p> <p>Self-certification duly signed by authorized signatory on company letter head.</p>	
iii)	Annexure 3	An undertaking signed by the Authorized Signatory of the Partner to be provided on letter head. The Partner/any of the OEM should not have been blacklisted/debarred by any Governmental/ Non-Governmental Organization in India as on bid submission date.	
iv)	Annexure-4	Format for Affidavit to be uploaded by Partner/Consortium with the EOI Response documents.	
v)	Annexure-5	Non-disclosure agreement by Partner/Consortium with RailTel.	
vi)	Annexure-6	Checklist of Documents	
vii)	Annexure-7	MAF Format (if Applicable)	
viii)	Annexure-8	Technical Proposal Document	

SN	Description	Requirement	Compliance
ix)	Annexure-9	CONSORTIUM AGREEMENT /MEMORANDUM OF AGREEMENT	
x)	Annexure-10	Undertaking of Service Level Compliance	
xi)	Annexure-11	Statement of No Deviation Declaration	
xii)	Annexure-12	Commercial Proposal Document	
xiii)	Annexure-13	Undertaking on Exit Management and Transition	
xiv)	Annexure-14	Declaration – Exclusivity of Participation	
xv)	Annexure-15	Integrity Pact Program & Proforma	
xvi)	Annexure -16	PROFORMA FOR PERFORMANCE BANK GUARANTEE	
xvii)	Annexure – 17	Contract Agreement	
xviii)	Annexure – 18	Standing Indemnity Bond	
xix)	Annexure – 19	Land Border Certificate	
xx)	Annexure – 20	Specification of Documents	
D	Other Documents		
i)	Power of Attorney	Power of Attorney and Board Resolution in favour of one of its employees who will sign the Bid Documents.	
ii)	BA empanelment letter & BG	Empanelment letter issued by RailTel and valid BG copy till bid opening date / Proof of Payment of empanelment fee & mail sent to RailTel CO.	
iii)	Additional Documents to be Submitted	Technical Proposal with overview of the project: <ul style="list-style-type: none"> • Partner's Understanding of the Project & Scope of Work • Solution Architecture & Design (IT)- If Applicable • Approach & Methodology 	

SN	Description	Requirement	Compliance
		<ul style="list-style-type: none"> Project Plan & Project Team's Experience Operation and Maintenance Plan 	
iiv)	Integrity Pact	PROFORMA FOR "SIGNING THE INTEGRITY PACT" (If bid value is above 15 Crore)	
v)	OEM Documents	<ol style="list-style-type: none"> MAF as per Annexure 7 (if applicable) Compliance of Specification as given in Annexure 20 (in OEM Letterhead – if applicable) 	

Special Note # RailTel at its discretion may select an offer which does not fulfil the eligibility criteria, if otherwise found suitable as per the requirement of CoR

15. FAILURE AND TERMINATION

15.1 Failure and Termination: If the Contractor fails to deliver the supply and services or any instalment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period the Purchaser may without prejudice to his other rights:

- 15.1.1 Recover from the Contractor as agreed liquidated damages and not by way of penalty a sum equivalent to Half per cent of the price of any stores (including elements of taxes, duties, freight, etc.) which the Contractor has failed to deliver within the period fixed for delivery in the contract or as extended for each week or part of a week during which the delivery of such stores may be in arrears where delivery thereof is accepted after expiry of the aforesaid period The upper limit for recovery of liquidated damages will be 10% (Ten Percent) of Total contract value provided in the contract or
- 15.1.2 Cancel the contract or a portion thereof and forfeit the security deposit and encash performance bank guarantee. or
- 15.1.3 Cancel the contract or a portion thereof and if so desired purchase or authorize the purchase of the stores not so delivered or others of a similar description (where stores exactly complying with particulars are not, in the opinion of the Purchaser, which shall be final, readily procurable) at the risk and cost of the contractor.

It shall, however, be in the discretion of the Purchaser to collect or not the security deposit from the firm/firms on whom the contract is placed at the risk and expense of the defaulted firm.

Where action is taken under sub-clause (15.1.2) above, the contractor shall be liable for any loss which the purchaser may sustain on the account provided the purchase, or if there is an agreement to purchase, such agreement is made, in case of failure to deliver the stores within the period fixed for such delivery in the contract or extended within Nine months from the date of such failure and in case of repudiation of the contract before the expiry of the aforesaid period of delivery, within Nine months from the date of cancellation of the contract. The contractor shall not be entitled to any gain on such purchase and the manner and method of such purchase shall be in the entire discretion of the purchaser. It shall not be necessary for the purchaser to serve a notice of such purchase to the contractor.

15.2 Termination for Default: The purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Tenderer, terminate this contract in whole or in part.

15.2.1 If the tenderer fails to deliver any or all of the goods within the time period(s) specified in the contract.

15.2.2 If the tenderer fails to perform any other obligation(s) under the contract; and

15.2.3 If the tenderer, in either of the above circumstance(s) does not remedy his failure within a period of 30 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.

15.2.4 In case of any of the above circumstances the RailTel shall pay the supplier for all products and services delivered till point of termination as per terms and conditions of the contract.

However, any recovery and losses occurred to RailTel will be recovered from Contractor up to the value of contract.

15.2.5 If 10% or more equipment found to be failed frequently again and again, the bidder may be barred for participating in the tender for a period of two years besides the above penalties to be imposed. RailTel keeps the right to terminate the contract in case of poor performance of quality and reliability of product supplied.

16. INDEMNITY BY CONTRACTOR:

16.1 The selected partner 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 or
- 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

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

16.3 Indemnity bond of proportionate amount to be submitted by contractor.

17. Materials supplied by RailTel will be supplied at customer designated store. Transportation of these material to site for installation shall be the responsibility of contractor.

18. VARIATION IN QUANTITY: RailTel reserves the right to reduce or increase the quantity of any item as mentioned in the BoM/BoQ back-to-back as per requirement of End Customer.

19. Purchase Preference to bidders under make in India Policy: The provisions of the revised "Public Procurement (Preference to Make in India) Order 2017" dated. 15.06.2017 & dated 16.09.2020 (or subsequent revisions, if any till opening of tender) by Department of Promotion of Industry and Internal Trade (DPIIT), GoI shall apply to this EOI.

20. **FORCE MAJEURE CLAUSE:** On the occurrence of any unforeseen event, beyond the control of either Party, directly interfering with the delivery of Services arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the affected Party shall, within a week from the commencement thereof, notify the same in writing to the other Party with reasonable evidence thereof. Unless otherwise directed by RailTel in writing, the contractor

shall continue to perform its obligations under the contract as far as reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the force majeure condition(s) mentioned above be in force for 90 days or more at any time, either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract before such termination.

Notwithstanding the remedial provisions contained in GCC-clause 22 or 29, none of the Party shall seek any such remedies or damages for the delay and/ or failure of the other Party in fulfilling its obligations under the contract if it is the result of an event of Force Majeure.

21. RESOLUTION OF DISPUTES:

21.1 Disputes and Excepted Matters

All disputes and differences between the parties hereto, as to the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question; or any other account whatsoever, but excluding the Excepted Matters (detailed below); arising out of or in connection with the contract, within twenty one (21) days from aggrieved Party notifying the other Party of such matters; whether before or after the completion/ termination of the contract, that cannot be resolved amicably between the Procurement Officer and the contractor within twenty one (21) days from aggrieved Party notifying the other Party of such matters, shall be hereinafter called the "Dispute". The aggrieved party shall give a 'Notice of Dispute' indicating the Dispute and claims citing relevant Contractual clause to the designated authority and requesting for invoking the following dispute resolution mechanisms. The Dispute shall be resolved without recourse to courts through dispute resolution mechanisms detailed subsequently, in the sequence as mentioned below, and the next mechanism shall not be invoked unless the earlier mechanism has been invoked or has failed to resolve it within the deadline mentioned therein.

1.1.1 Adjudication

1.1.2 Conciliation

1.1.3 Arbitration

21.2 Excepted Matters

Matters for which provision has been made in any Clause of the contract shall be deemed as 'excepted matters' (matters not disputable/ arbitrable), and decisions of RailTel, thereon shall be final and binding on the contractor. The 'excepted matters' shall stand expressly excluded from the purview of the sub-clauses below, including Arbitration. However, where RailTel has raised the dispute, this sub- clause shall not apply. Unless otherwise stipulated in the contract, excepted matters shall include but not limited to:

21.2.1 any controversies or claims brought by a third party for bodily injury, death,

property damage or any indirect or consequential loss arising out of or in any way related to the performance of this Contract (“Third Party Claim”), including, but not limited to, a Party’s right to seek contribution or indemnity from the other Party in respect of a Third-Party Claim.

21.2.2 Issues related to the pre-award tender process or conditions

21.2.3 Issues related to ambiguity in contract terms shall not be taken up after a contract has been signed. All such issues should be highlighted before the signing of the contract by the contractor.

21.2.4 Provisions incorporated in the contract, which are beyond the purview of RailTel or are in pursuance of policies of Government, including but not limited to:

21.2.4.1 Provisions of restrictions regarding local content and Purchase Preference to Local suppliers in terms of Make in India policy of the Government;

21.2.4.2 Provisions regarding restrictions on Entities from Countries having land- borders with India in terms of the Government’s policies in this regard;

21.2.4.3 Purchase preference policies regarding MSEs and Start-ups.

21.3 Adjudication

After exhausting efforts to resolve the Dispute with the Purchasing Officer executing the contract on behalf of RailTel, the contractor shall give a ‘Notice of Adjudication’ specifying the matters which are in question, or subject of the dispute or difference indicating the relevant contractual clause, as also the amount of claim item-wise to Head of Procurement or any other authority mentioned in the contract (hereinafter called the “Adjudicator”) for invoking resolution of the dispute through Adjudication. During his adjudication, the Adjudicator shall give adequate opportunity to the contractor to present his case. Within 60 days after receiving the representation, the Adjudicator shall make and notify decisions in writing on all matters referred to him. The parties shall not initiate, during the adjudication proceedings, any conciliation or arbitral or judicial proceedings in respect of a dispute that is the subject matter of the adjudication proceedings. If not satisfied by the decision in adjudication, or if the adjudicator fails to notify his decision within the abovementioned time-frame, the contractor may proceed to invoke the process of Conciliation as follows.

21.4 Conciliation of disputes

21.4.1 Any party may invoke Conciliation by submitting “Notice of Conciliation” to the Head of the RailTel Corporation of India Ltd. Since conciliation is a voluntary process, within 30 days of receipt of “Notice of Conciliation”, the Head of the RailTel Corporation of India Ltd shall notify a sole

Conciliator if the other party is agreeable to enter Conciliation. If the other party is not agreeable to Conciliation, the aggrieved party may invoke Arbitration.

21.4.2 The Conciliator shall proactively assist the parties to reach an amicable settlement independently and impartially within the terms of the contract, within 60 days from the date of appointment of the Conciliator.

21.4.3 If the parties reach an agreement on a dispute settlement, they shall draw up a written settlement agreement duly signed by the parties and conciliator. When the parties sign the settlement agreement, it shall be final and binding on the parties. The dispute shall be treated as resolved on the date of such agreement.

21.4.4 The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject matter of the conciliation proceedings.

21.4.5 Termination of Conciliation: Disputes shall remain alive if the conciliation is terminated as follows:

21.4.5.1 By written declaration of the conciliator, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of such declaration; or

21.4.5.2 By a written declaration of any party to the conciliator to the effect that the conciliation proceedings are terminated, on the date of such declaration; or

21.4.5.3 If the parties fail to reach an agreement on a settlement of the dispute, within 60 days of the appointment of Conciliator

21.4.6 On termination of Conciliation, if the dispute is still alive, the aggrieved party shall be free to invoke Arbitration.

21.5 Arbitration Agreement

21.5.1 This Arbitration Agreement (hereinafter referred to as this “Agreement”) relating to this Contract (hereinafter called the “Main Agreement” for this agreement) is made under the provisions of The Arbitration and Conciliation Act, 1996 as amended from time to time and the rules thereunder (hereinafter called The Arbitration Act). This Agreement shall continue to survive termination, completion, or closure of the Main Agreement for 120 days after that.

21.5.2 Subject to aforesaid provisions, relevant clauses of the contract shall apply to the appointment of arbitrators and arbitration proceedings under this Agreement.

21.5.3 The Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 provides parties to a dispute (where one of the parties is a Micro or

Small Enterprise) to be referred to Micro and Small Enterprises Facilitation Council if the dispute is regarding any amount due under Section 17 of the MSMED Act, 2006. If a Micro or Small Enterprise, being a party to dispute, refers to the provisions in MSMED Act 2006, these provisions shall prevail over this Agreement.

21.6 Notice for Arbitration

21.6.1 Authority to Appoint Arbitrator(s): For this Arbitration Agreement 'The Appointing Authority', to appoint the arbitrator shall be Head of the RailTel Corporation of India Ltd named in the contract and includes if there be no such authority, the officer who is for the time being discharging the functions of that authority, whether in addition to other functions or otherwise.

21.6.2 In the event of any dispute as per GCC-clause 28.1 above, if the Adjudicator fails to decide within 60 days (as referred in GCC-clause 28.3 above), or the Conciliation is terminated (as referred in sub-clause 28.4 above) then, parties to the contract, after 60 days but within 120 days of 'Notice of Dispute' (clause 28.1 above) shall request the Appointing Authority through a "Notice for Arbitration" in writing requesting that the dispute or difference be referred to arbitration.

21.6.3 The "Notice for arbitration" shall specify the matters in question or subject of the dispute or difference indicating the relevant contractual clause, as well as the amount of claim item-wise.

21.7 Reference to Arbitration

After appointing Arbitrator(s), the Appointing Authority shall refer the Dispute to them. Only such dispute or difference shall be referred to arbitration regarding which the demand has been made, together with counter-claims or set off. Other matters shall be beyond the jurisdiction of Arbitrator(s)

21.8 Appointment of Arbitrator

21.8.1 Qualification of Arbitrators:

21.8.1.1 In the case of retired officers of The RailTel Corporation of India Ltd, he shall have retired in the rank of Senior administrative grade (or equivalent) and shall have retired at least 1 years prior and must not be over 70 years of age on the date of Notice for arbitration.

21.8.1.2 He/ they shall not have had an opportunity to deal with the matters to which the contract relates or who, in the course of his/ their

duties as officers of the RailTel Corporation of India Ltd, expressed views on any or all of the matters under dispute or differences. A certification to this effect shall be taken from Arbitrators. The proceedings of the Arbitral tribunal or the award made by such Tribunal shall, however, not be invalid merely for the reason that one or more arbitrators had in the course of his service, an opportunity to deal with the matters to which the contract relates or who in the course of his/ their duties expressed views on all or any of the matters under dispute.

- 21.8.1.3 An Arbitrator may be appointed notwithstanding the total no. of arbitration cases in which he has been appointed in the past.
- 21.8.1.4 Not be other than the person appointed by The Appointing Authority and that if for any reason that is not possible, the matter shall not be referred to arbitration at all.

21.9 Replacement of Arbitrators

If one or more of the arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator, or in the event of the arbitrator dying, neglecting/ unable or unwilling or refusing to act for any reason, or his award being set aside by the court for any reason, or in the opinion of The Appointing Authority fails to act without undue delay, the Appointing Authority shall appoint new arbitrator/ arbitrators to act in his/ their place in the same manner in which the earlier arbitrator/ arbitrators had been appointed. Such a re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous arbitrator (s).

21.10 Appointment of Arbitrator

- 21.10.1 In cases where the total value of all claims in question added together does not exceed Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of sole Arbitrator. For this purpose, The Appointing Authority shall send to the contractor, within 60 days from the day of receipt of a written and valid notice for arbitration, a panel of at least four (4) names of retired officers, duly indicating their retirement dates.
- 21.10.2 The contractor shall be asked to nominate at least two names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the sole arbitrator within 30 days from the receipt of the names of the contractor's nominees.
- 21.10.3 In cases where the total value of all claims in question added together exceeds Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of three (3) retired Officers of the RailTel Corporation of

India Ltd. For this purpose, The Appointing Authority shall send a panel of at least four (4) names of such Officer(s) empaneled to work as Arbitrators duly indicating their retirement date to the contractor within 60 days from the day when a written and The Appointing Authority receives valid demand for arbitration.

21.10.4 The contractor shall be asked to nominate at least 2 names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the contractor's nominee. It shall also simultaneously appoint the balance number of arbitrators either from the panel or outside the panel, duly indicating the 'Presiding Arbitrator' from amongst the 3 arbitrators so appointed, within 30 days from the receipt of the names of Contractor's nominees.

21.10.5 If the contractor does not suggest his nominees for the arbitral tribunal within the prescribed timeframe, The Appointing Authority shall proceed for appointment of the arbitral tribunal within 30 days of the expiry of such time provided to the contractor.

21.11 Failure to appoint Arbitrators.

If The Appointing Authority fails to appoint an arbitrator within 60 (sixty) days, then subject to the survival of this Arbitration Agreement, in international commercial arbitration, the Supreme Court of India shall designate the arbitral institution for the appointment of arbitrators. In case of national arbitrations, the High Court shall designate arbitral institutions. The Arbitration Council of India must have graded these arbitration institutions. These arbitral institutions must complete the selection process within thirty days of accepting the request for the arbitrator's appointment.

21.12 Arbitral Procedure

21.12.1 Effective Date of Entering Reference: The arbitral tribunal shall be deemed to have entered the reference on the date on which the arbitrator(s) have received notice of their appointment. All subsequent time limits shall be counted from such date.

21.12.2 Seat and Venue of Arbitration: The seat of arbitration shall be the place from which the Purchase Order or the contract is issued. The venue of arbitration shall be the same as the seat of arbitration. However, in terms of section 20 of The Arbitration Act, the arbitrator, at his discretion, may determine a venue other than the seat of the arbitration without in any way affecting the legal jurisdictional issues linked to the seat of the arbitration.

21.12.3 If the Adjudication and/ or Conciliation mechanisms had not been

exhausted before such reference to Arbitration, the Arbitrator should ask the aggrieved party to approach designated authority for such mechanisms before the Arbitration proceedings are started.

- 21.12.4 The claimant shall submit to the Arbitrator(s) with copies to the respondent his claims stating the facts supporting the claims along with all the relevant documents and the relief or remedy sought against each claim within 30 days from the date of appointment of the Arbitral Tribunal unless otherwise extension has been granted by Arbitral Tribunal.
- 21.12.5 On receipt of such claims, the respondent shall submit its defence statement and counter claim(s), if any, within 60 days of receipt of the copy of claims, unless otherwise extension has been granted by Arbitral Tribunal.
- 21.12.6 No new claim shall be added during proceedings by either party. However, a party may amend or supplement the original claim or defence thereof during arbitration proceedings subject to acceptance by the Tribunal having due regard to the delay in making it.
- 21.12.7 Statement of claims, counterclaims and defence shall be completed within six months from the effective reference date.
- 21.12.8 Oral arguments to be held on a day-to-day basis: Oral arguments as far as possible shall be heard by the arbitral tribunal on a day-to-day basis, and no adjournments shall be granted without sufficient cause. The arbitrator(s) may impose an exemplary cost on the party seeking adjournment without sufficient cause.
- 21.12.9 Award within 12 (twelve) months: The arbitral tribunal is statutorily bound to deliver an award within 12 (twelve) months from the date when the arbitral tribunal enters reference. The award can be delayed by a maximum of six months only under exceptional circumstances where all parties consent to such extension of time. The court's approval shall be required for further extension if the award is not made out within such an extended period. During the period of an application for extension of time is awaiting before the court, the arbitrator's proceedings shall continue until the disposal of the application.

21.13 Fast Track Procedure

The parties to arbitration may choose to opt for a fast-track procedure either before or after the commencement of the arbitration. The award in fast-track arbitration is to be made out within six months, and the arbitral tribunal shall be entitled to additional fees. The salient features of the fast-track arbitration are:

- 21.13.1 The dispute is to be decided based on written pleadings only.
- 21.13.2 Arbitral Tribunal shall have the power to call for clarifications in addition

to the written pleadings where it deems necessary.

21.13.3 An oral hearing may be held only if all the parties request or the arbitral tribunal considers it necessary.

21.13.4 The parties are free to decide the fees of the arbitrator(s) for fast-track procedure.

21.14 Powers of Arbitral Tribunal to grant Interim Relief

The parties to arbitration may approach the arbitral tribunal for seeking interim relief on the grounds available under section 9 of the act. The tribunal has the powers of a court while making interim awards in the proceedings before it.

21.15 Confidentiality

As provided in Section 42A of The Arbitration Act, all the details and particulars of the arbitration proceedings shall be kept confidential, except in certain situations like if the disclosure is necessary for the implementation or execution of the arbitral award.

21.16 Obligation During Pendency of Arbitration

Performance of the contract shall, unless otherwise directed by RailTel, continue during the arbitration proceedings, and no payment due or payable by RailTel shall be withheld on account of such proceedings, provided; however, it shall be open for Arbitral Tribunal to consider and decide whether or not the performance of the contract or payment therein should continue during arbitration proceedings.

21.17 The Arbitral Award

21.17.1 In the case of the Tribunal, comprising of three members, any ruling on award shall be made by a majority of members of the Tribunal. In the absence of such a majority, the views of the Presiding Arbitrator shall prevail.

21.17.2 The arbitral award shall state item-wise the sum and reasons upon which it is based. The analysis and reasons shall be detailed enough so that the award can be inferred from it.

21.17.3 It is further a term of this arbitration agreement that where the arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made in terms of Section 31 (7) (a) of The Arbitration Act.

21.17.4 The award of the arbitrator shall be final and binding on the parties to this contract.

21.17.5 A party may apply for corrections of any computational errors, typographical or clerical errors, or any other error of similar nature occurring in the award or interpretation of a specific point of the award to the Tribunal within 60 days of receipt of the award.

21.17.6 A party may apply to the Tribunal within 60 days of receiving the award to make an additional award as to claims presented in the arbitral proceedings but omitted from the arbitral award.

21.18 Savings

The Arbitral Tribunal shall decide any matter related to Arbitration not covered under this Arbitration Agreement as per the provisions of The Arbitration Act.

21.19 Cost of Arbitration and fees of the Arbitrator(s)

21.19.1 The concerned parties shall bear the cost of arbitration in terms of section 31 (A) of The Arbitration Act. The cost shall inter-alia include fees of the Arbitrator. Further, the fees payable to the Arbitrator shall be governed by instructions issued on the subject by RailTel and/ or the Government from time to time, in line with the Arbitration and Conciliation Act, irrespective of the fact whether the Arbitrator is appointed by RailTel or the Government under this clause or by any court of law unless directed explicitly by Hon'ble court otherwise on the matter. A sole arbitrator shall be entitled to a 25% extra fee over such a prescribed fee.

21.19.2 The arbitrator shall be entitled to a 50 percent extra fee if the award is made within 6 months in terms of provisions contained in section 29(A) (2) of The Arbitration Act.

21.19.3 Besides the above, Arbitrator shall also be entitled to this extra fee in cases where Fast Track Procedure in terms of section 29 (B) of The Arbitration Act is followed.

22. APPLICABLE LAW: The work orders will be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing. Any default in the terms and conditions of the EOI by the bidder will lead to rejection of bid/work order and forfeiture of EMD/Security Deposit & Performance Guarantee Amount.

23. INTELLECTUAL PROPERTY RIGHTS: The Selected Partner will indemnify RAILTEL of any infringement of third-party rights be they under the Patents Act or the IPR.

24. Eligibility of bidders from specified countries

24.1 Orders issued by the Government of India restricting procurement from bidders from

certain countries that share a land border with India shall apply to this EOI.

- 1) Any bidder (as defined in GCC-clause 2.5) from a country that shares a land border with India, excluding countries as listed on the website of the Ministry of External Affairs, to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects (hereinafter called 'Restricted Countries') shall be eligible to bid in this tender only if Bidder is registered with the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Bidders shall enclose the certificate in this regard in Form 1.2.
- 2) In Bids for Turnkey contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from such Restricted Countries unless such contractor is similarly registered. In such cases, the bidders shall enclose the certificate in Form 1.2.
- 3) If Bidder has proposed to sub-contract Services or incidental Goods directly/ indirectly from the vendors from such countries, such vendor shall be required to be registered with the Competent Authority. However, if Bidder procures raw material, components, and sub-assemblies from such countries' vendors, such vendors shall not require registration.
- 4) "Bidder from such Restricted Countries" means :-
 - a. An entity incorporated, established, or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established, or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established, or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity. Agent is a person employed to do any act for another, or to represent another in dealings with third persons.; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium/ joint venture where any member falls under any of the above
- 5) The beneficial owner shall mean:
 - a. In a company or Limited Liability Partnership, the beneficial owner is the natural person(s). Whether acting alone or together or through one or more juridical persons, controlling ownership interest or exercises control through other means.

Explanation-

- i. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five percent of the company's shares or capital or profits.
- ii. "Control" shall include the right to appoint a majority of the directors or to control the management or policy decisions including by virtue of their

shareholding or management rights or shareholder agreements or voting agreements;

- b. In the case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together or through one or more juridical persons, has ownership of entitlement to more than fifteen percent of capital or profits.
- c. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals.
- d. Where no natural person is identified under 5 (a) or (b) or (c) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
- e. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

25. EXIT MANAGEMENT

25.1 Exit Management Purpose

- a) 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.
- b) 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.

25.2 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):

- a) 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;

b) 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).

- 25.3 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.
- 25.4 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.

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Annexure 1: Format for OFFER LETTER

OFFER LETTER (To be on company letter head)

EoI Reference No:

Date:

To,
The Principle Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Dear Sir,

SUB: Participation in the EoI process

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

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

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

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

Authorized
Signatory Name
Designation

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Annexure 2: Format for Self-Certificate & Undertaking

Self-Certificate (To be on company letter head)

EOI Reference No:

Date:

To,

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector
V, Bidhannagar, Kolkata, West Bengal 700091

Dear Sir,

Sub: Self Certificate for Tender, Technical & other compliances

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

issued by DoE, MoF.

- 6) We hereby undertake to work with RailTel as per end customer's tender terms and conditions. We confirm to submit all the supporting documents constituting/ in compliance with the Criteria as required in the end customer's tender terms and conditions like technical certificates, OEM compliance documents.
- 7) We understand and agree that RailTel is intending to select CSP who is willing to accept all terms & conditions of end customer organization's tender for the agreed scope of work. RailTel will strategies to retain scope of work where RailTel has competence.
- 8) We hereby agree to submit that in case of being selected by RailTel as sole partner/ consortium for the proposed project(for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
- 9) We hereby undertake to sign Agreement and Non-Disclosure Agreement with RailTel on a non-judicial stamp paper of Rs. 100/- in the prescribed Format.
- 10) Deleted

Authorized

Signatory Name

& Designation

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Annexure 3: Undertaking for not Being Blacklisted/Debarred

<On Company Letter Head>

To,

The Principle Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Subject: Undertaking for not Being Blacklisted/Debarred

We, Company Name, having its registered office at Address hereby declares that that the Company has not been blacklisted/debarred by any Governmental/ Non-Governmental organization in India for past 3 Years as on bid submission date.

Date and Place

Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

Partner's Company Seal:

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Annexure 4: Format of Affidavit**FORMAT FOR AFFIDAVIT TO BE UPLOADED BY SOLE PARTNER/ ALL CONSORTIUM PARTNERS ALONGWITH THE EOI DOCUMENTS**

(To be executed in presence of public notary on non-judicial stamp paper of the value of Rs. 100/-. The paper has to be in the name of the partner) **

I..... (Name and designation)** appointed as the attorney/authorized signatory of the partner (including its constituents),

M/s (hereinafter called the partner) for the purpose of the EOI

documents for the work of as per the EOI No.

of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the behalf of the BA including its constituents as under:

1. I/we the partner (s), am/are signing this document after carefully reading the contents.
2. I/we the partner (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.railtel.enivida.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 partner)** and all my/our constituents understand that my/our constituents

understand that my/our offer shall be summarily rejected.

8. I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action provided in the contract including banning of business for five years on entire RailTel.

DEPONENT SEAL AND SIGNATURE OF THE PARTNER

VERIFICATION

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

DEPONENT

Place: Dated:

SEAL AND SIGNATURE
OF THE PARTNER

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

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Annexure-5: Non-Disclosure Agreement (NDA) Format**NON-DISCLOSURE AGREEMENT**

This Non-Disclosure Agreement (this “**Agreement**”) is made and entered into on this ____ day of ____, 2025 (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, (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 unauthorised disclosure, but in no event shall a less than reasonable degree of care be exercised by either party.

2. Designation.

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

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

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

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 contract or agreement with respect to any aspect of a potential transaction between the Parties shall be deemed to exist unless and until a definitive written agreement providing for such aspect of the transaction has been executed by a duly authorized representative of each Party and duly delivered to the other Party (a "**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.
- c) The sole arbitrator shall be appointed by CMD/RailTel out of the panel of independent arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the parties.

14. CONFIDENTIALITY OF NEGOTIATIONS

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

15. REPRESENTATION

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

16. ASSIGNMENT

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

17. EMPLOYEES AND OTHERS

Each Party shall advise its Representatives, contractors, subcontractors and licensees, and shall require its Affiliates to advise their Representatives, contractors, subcontractors and licensees, of the obligations of confidentiality and non-use under this Agreement, and shall be responsible for ensuring compliance by its and its Affiliates' Representatives, contractors, subcontractors and licensees with such obligations. In addition, each Party shall require all persons and entities who are not employees of a Party and who are provided access to the Confidential Information, to execute confidentiality or non-disclosure

agreements containing provisions no less stringent than those set forth in this Agreement. Each Party shall promptly notify the other Party in writing upon learning of any unauthorized disclosure or use of the Confidential Information by such persons or entities.

18. NO LICENSE

Nothing in this Agreement is intended to grant any rights to under any patent, copyright, or other intellectual property right of the Disclosing Party, nor will this Agreement grant

the Receiving Party any rights in or to the Confidential Information of the Disclosing Party, except as expressly set forth in this Agreement.

19. RELATIONSHIP BETWEEN PARTIES:

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.

20. UNPUBLISHED 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

21. 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

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Annexure-6: CHECKLIST

S. No.	Document	Submitted/ Complied or Not	Page No./ Ref. No. of offer
1	Offer Letter (Mandatory)		
2	Self-Certificate for Tender, Technical & other compliances (Mandatory)		
3	Undertaking for not Being Blacklisted/Debarred (Mandatory)		
4	Notarized Affidavit (Mandatory)		
5	Non-Disclosure Agreement		
6	MAF/ MOU		
7	Technical Proposal Document		
8	Consortium Agreement (If Applicable)		
9	Undertaking of Service Level Compliance		
10	Statement of No Deviation from Requirement Specifications		
11	Commercial Proposal Document		
12	Price Bid (In Excel Format downloaded from eNivida Portal (Mandatory))		
13	Undertaking on Exit Management and Transition		
14	Integrity Pact		
15	Standing Indemnity Bond		
16	Land Border Certificate		
17	Power of Attorney/ Authorization (Mandatory)		
18	Complete EOI document duly signed & stamped as a token of acceptance		
19	Earnest Money Deposit (EMD) to be submitted online on eNivida Portal (Mandatory)		
20	Cost of EOI Document to be submitted online on eNivida Portal (Mandatory)		
21	Offline Submission of Power of Attorney/ Authorization, Notarized Affidavit & 2 copies Integrity Pact (Mandatory)		
22	CA Certificates/ Audited balance sheets in support of financial eligibility criteria (Mandatory)		
23	Experience Certificates/Completion Certificates in support of technical eligibility criteria (Mandatory)		
24	Supporting Documents under make in India Policy (if applicable)		
25	Any other relevant document, not listed above		

Annexure-7: MAF/ MOU and other Documents

(To be submitted as per format given by customer in customer RFP. In case customer RFP does not have any MAF Format, then following format may be followed)



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Annexure 8 - Technical Proposal Document**(On the Partner's Letterhead)****Tender Ref. No.:****Date:**

To,

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Subject: Submission of Technical Proposal

Dear Sir/Madam,

We, the undersigned, express our commitment to provide Systems Implementation solutions to RailTel Corporation of India Limited in response to your Request for Proposal dated [insert date] and our Proposal. Our submission comprises this Technical Bid and the Financial Bid, submitted separately.

We affirm that all information and statements in this Technical Bid are accurate, and we acknowledge that any misrepresentation may result in our disqualification.

If our Proposal is accepted, we commit to initiating the Implementation services related to the assignment no later than the date indicated in the Data sheet.

We agree to adhere to all the terms and conditions outlined in the tender document and confirm that the validity of our bid extends for 90 days, as specified in the tender document.

Furthermore, we declare that we are not insolvent, in receivership, bankrupt, or undergoing winding up. Our affairs are not administered by a court or a judicial officer, our business activities have not been suspended, and we are not subject to legal proceedings for any of the aforementioned reasons.

We acknowledge that RailTel Corporation of India Limited is not obligated to accept any Proposal received.

Yours sincerely,

(Seal & Signature of the Authorized signatory of the Partner)

Name:**Designation:****Place:****Date:**

Annexure-9: CONSORTIUM AGREEMENT / MEMORANDUM OF AGREEMENT

(On Stamp Paper of appropriate value)

This Consortium Agreement is executed at on this _ day of . BETWEEN

M/s. , a Company incorporated under the Companies Act, 1956 and having its Registered Office at acting through its Managing Director, duly authorized by a resolution of the Board of Directors dated (hereinafter referred to as the „LEAD MEMBER“ which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the ONE Part;

AND

M/s. , a Company having its Office at and Office at
 , acting through its Joint President/ MD/.. , duly authorized by a resolution of the Board of Directors dated (hereinafter referred to as the (“Participant member”) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the OTHER PART“

AND

M/s. , a Company having its Office at and Office at
 , acting through its Joint President/ MD/.. , duly authorized by a resolution of the Board of Directors dated (hereinafter referred to as the (“Participant member”) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the OTHER PART“

Whereas RailTel Corporation of India Ltd. (hereinafter referred to as „RCIL“) has invite tenders for the “(NAME OF WORK)” in terms of the tender documents issued for the said purpose and the eligibility conditions required that the applicants bidding for the same should meet the conditions stipulated by RCIL for participating in the bid by the Consortium for handling the project for which the tender has been floated by RCIL.

AND WHEREAS in terms of the bid documents the parties jointly satisfy the eligibility criteria laid down for a bidder for participating in the bid process by forming a Consortium between themselves.

AND WHEREAS the parties hereto have discussed and agreed to form a Consortium for participating in the aforesaid bid and have decided to reduce the agreed terms to writing.

NOW THIS CONSORTIUM Agreement hereby WITNESSES:

- a. That in the premises contained herein the Lead Member and the Participant Member having decided to pool their technical know-how, working experiences and financial resources, have formed themselves into a Consortium to participate in the tender process for “(NAME OF WORK)” in terms of the tender invited by RailTel Corporation of India Ltd., (RCIL).
 - b. That the members of the Consortium have represented and assured each other that they shall abide by and be bound by the terms and conditions stipulated by RCIL for awarding the tender to the Consortium so that the Consortium may take up the
1. aforesaid “(NAME OF WORK)” in case the Consortium turns out to be the successful bidder in the bid being invited by RCIL for the said purpose.

2. That the members of the Consortium have satisfied themselves that by pooling their technical know-how and technical and financial resources, the Consortium fulfills the prequalification/ eligibility criteria stipulated for a bidder, to participate in the bid for the said tender process for “(NAME OF WORK)”
3. That the Consortium have agreed to nominate any one of , and as the common representative who shall be authorized to represent the Consortium for all intents and purposes for dealing with the Government and for submitting the bid as well as doing all other acts and things necessary for submission of bid documents such as Tender Application Form etc., Mandatory Information, Financial Bid. Etc., and such other documents as may be necessary for this purpose.
4. That if any change in the membership of the Consortium be required to be made by the members of the Consortium, the same shall be done with the consent of RCIL subject to the conditions as may be stipulated by them in this regard.
5. That in case to meet the requirements of bid documents or any other stipulations of RCIL, it becomes necessary to execute and record any other documents amongst the members of the Consortium, they undertake to do the needful and to participate in the same for the purpose of the said project.
6. That it is clarified by and between the members of the Consortium that execution to this Consortium Agreement by the members of the Consortium does not constitute any type of partnership for the purposes of provisions of the Indian Partnership Act and that the members of the Consortium shall otherwise be free to carry on their independent business or commercial activities for their own respective benefits under their own respective names and styles. This Consortium Agreement is limited in its operation to the specified project.
7. That the Members of the Consortium undertake to specify their respective roles and responsibilities for the purposes of implementation of this Consortium Agreement and the said project, if awarded to the Consortium, to meet the requirements and stipulations of RCIL.
8. The consortium formed will not be subject to alteration with regard to change in constituting firms and/or reorientation of roles. Any changes, if proposed by Consortium to take advantage of certain developments during evaluation stage will render the bid liable to be REJECTED.
9. All partners of the consortium shall be jointly and severally liable to RailTel for the execution of the entire contract in accordance with its terms.
10. Each Consortium member has minimum 20% contribution in the work and role/scope of each member is enclosed.
11. Power of Attorney by all members of the Consortium in favor of the Lead Member is also enclosed

IN FAITH AND TESTIMONY WHEREOF, THE PARTIES HERETO HAVE SIGNED THESE PRESENTS ON THE DATE, MONTHS AND YEAR FIRST ABOVE WRITTEN

1. ()
Managing Director

2. ()
Managing Director

3 ()
Managing Director

For (Name of company)

For (Name of company)

For (Name of company)

WITNESSES:

1.

2.

Enclosure:

Board resolution of each of the Consortium Members authorizing:

- (i) Execution of the Consortium Agreement, and Appointing the authorized signatory for such purpose.

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Annexure 10- Undertaking of Service Level Compliance

(On the Partner's Letterhead)

Tender Ref. No.:

Date:

To

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector
V, Bidhannagar, Kolkata, West Bengal 700091

Dear Sir/Madam,

Sub: Undertaking on Service Level Compliance

1. I/We as Implementing Agency do hereby undertake that we shall monitor, maintain, and comply with the service levels stated in the tender to provide quality service to end customer of RailTel referred in this tender.
2. However, if the proposed resources, Infrastructure and ICT components are found to be insufficient in meeting the tender and/or the service level requirements given by RCIL, then we will augment the same without any additional cost to RCIL.

Yours sincerely

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Place:

Designation:

Date:

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**Annexure 11 - Statement of No Deviation from Requirement Specifications
(On the Partner's Letterhead)**

Tender Ref. No.:

Date:

To,

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Sir,

There are no technical deviations (null deviations) from the requirement specifications of Tender items and schedule of requirements. The entire work shall be performed as per your specifications and documents.

This is to certify that our proposed solution meets all the requirements of the Tender including but not limited to Scope of Work, stated Project Outcomes (including SLAs), Business Requirements and Functional Specifications/ Requirements.

We further certify that our proposed solution meets, is equivalent or better than the minimum technical specifications as given in the tender.

We understand that the Bill of Quantity provided in the tender is indicative, we confirm that we have undertaken our own assessment to finalize the components and quantity.

In case, any item of hardware or software is found non-compliant at any stage during project implementation, it would be replaced with a fully compliant product/solution at no additional cost to end customer. In case of non-adherence of this activity, RCIL reserves the right to cancel the contract, in case the said Contract is awarded to us by RCIL.

We further confirm that our commercial proposal is for the entire scope of work, comprising all required components and our obligations, for meeting the scope of work.

Thanking you, Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Place:

Designation:

Date:

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Annexure 12 - Commercial Proposal Document

EOI Ref. No.:

Date:

(Format for reporting commercials and mandatory letters that needs to be part of the commercial proposal document. Breakdown of cost mentioned, cost of each component, operating cost, employee cost, cost of operations and management, any other cost which the Partner feels.)

To

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Subject: Submission of Commercial proposal

Reference: EOI No:

Dated:

We, the undersigned Partner, having read and examined in detail the EOI documents for
“_____”. I / we
do hereby propose to provide services as specified in the EOI documents number -----Dated <dd/mm/yy>

1. PRICE PROPOSAL AND VALIDITY

All the prices mentioned in our tender are in accordance with the terms as specified in the tender documents. All the prices and other terms and conditions of this tender are valid for a period of 60 days from opening of EOI.

We hereby confirm that our tender prices include all taxes. However, all the taxes are quoted separately under relevant sections.

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 in altered under the law, we shall pay the same.

2. UNIT RATES

We have indicated in the relevant schedules enclosed the unit rates for the purpose of on account of payment as well as for price adjustment in case of any increase to / decrease from the scope of work under the contract.

3. DEVIATIONS

We declare that all the services shall be performed strictly in accordance with the tender documents except for the variations and deviations, all of which have been detailed out exhaustively in the following statement, irrespective of whatever has been stated to the contrary anywhere else in our proposal. Further, we agree that additional conditions, if any, found in the tender documents, other than those stated in deviation schedule, shall not be given effect to.

4. TENDER PRICING

We further confirm that the prices stated in our proposal are in accordance with your Instruction to Partners included in TENDER documents.

5. QUALIFYING DATA

We confirm having submitted the information as required by you in your Instruction to Partners. 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.

6. PROPOSAL PRICE

We declare that our Proposal Price is for the entire scope of the work as specified in the Schedule of Requirements and TENDER documents.

7. PERFORMANCE BANK GUARANTEE BOND

We hereby declare that in case the contract is awarded to us, we shall submit the PBG in the form prescribed in Proforma of Bank Guarantee towards PBG. 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. We confirm that no Technical deviations are attached here with this commercial offer.

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Designation:

Place:

Date:

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Annexure 12-A – Price Bid Format

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
1	A2-Execution of S&T Indoor & Outdoor works	Description:- Alteration of wiring in existing apparatus cases full/half. This includes supply of all materials in connection with alteration in wiring. All the materials shall be supplied by the contractor at his own cost. This includes entry of cables, sand filling and masonry work involved. Lettering and painting to be done by the contractor at his own cost. Railway shall supply only relays and relay bases.	1	85.00	Numbers	₹ 3,224.70	₹ 2,74,099.50
2	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of relay bases and wiring, bunching, fixing of relays, wiring in Old relay racks/location box and also carrying out any alteration in existing relay rack duly wiring and connecting New to old and Old to old relays by standard wires (RDSO Approved Sources) as per Circuit diagram. Fuses of bases, condensers, ND fuses, LED indicator & its wiring for relay rack. All materials required for this work will be supplied by the contractor from RDSO Approved Sources. Relays with accessories will be supplied by the Railway.	2	150.00	Per Relay	₹ 704.70	₹ 1,05,705.00
3	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, installation, testing and commissioning of Maintenance free and permanent earth as per RDSO Specification No. RDSO/SPN/197 Version 1.0 and Technical Specification as per section H, Chapter 8. Note: The earth electrode and Ground enhancing materials are to be inspected by RDSO before its use and certificate to that effect to be submitted to the Representative of Railway.	3	72.00	Numbers	₹ 55,545.30	₹ 39,99,261.60
4	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation & fixing of Calling On Signals/dependent shunt signals with marker for multiple aspect colour light signals on the erected signal posts complete with marker including termination of cables, wiring, signal testing, and focussing. Railway will supply only calling-on- signal/dependent shunt signal with off-set bracket from stores. Tenderer shall	4	93.00	Numbers	₹ 1,614.60	₹ 1,50,157.80

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		supply all other materials required for the work.					
5	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation and fixing of Junction Type Route Indicator (1 to 6) way complete/stencil Type/Multilamp type route indicator on the erected signal post including cable termination, wiring, painting, lettering, signal testing, and focusing, Tenderer shall supply name plate & marker and iron mesh (if required) at his own cost.	5	47.00	Numbers	₹ 2,900.70	₹ 1,36,332.90
6	A2-Execution of S&T Indoor & Outdoor works	Description:- [i] Fixing of RED/YELLOW/GREEN LED type lamp unit with current regulator. This includes taking the cable inside the unit, fixing of current regulator etc., complete wiring, fitting of terminals, LED signal lamps, and dismantling of existing lamps and fittings as required. The painting and lettering of existing markers and numbering plate to be done by enamel paint. All materials including PVC wires, blanking stretcher, PVC flexible pipe, hylum strip (6 mm thick), terminals and all sundry materials are to be supplied by the contractor. Railway will supply LED Units.	6 i	763.00	Numbers	₹ 2,143.80	₹ 16,35,719.40
7	A2-Execution of S&T Indoor & Outdoor works	Description:- [ii] Fixing of route Indicator/Shunt LED in units, LED type lamp unit with current regulator in illuminated marker/route indicator unit. This includes taking the cable inside the unit, fixing of current regulator etc., complete wiring, fitting of terminals, LED signal lamps, and dismantling of existing lamps and fittings as required. The painting and lettering of existing markers and numbering plate to be done by enamel paint. All materials including PVC wires, blanking stretcher, PVC flexible pipe, hylum strip (6 mm thick), terminals and all sundry materials are to be supplied by the contractor. Railway will supply LED Units.	6 ii	783.00	Numbers	₹ 1,552.50	₹ 12,15,607.50

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
8	A2-Execution of S&T Indoor & Outdoor works	Description:- iii. Fixing of Calling On LED type lamp unit with current regulator in Calling on signal unit. This includes taking the cable inside the unit, fixing of current regulator etc., complete wiring, fitting of terminals, LED signal lamps, and fittings as required. The painting and lettering of existing markers and numbering plate to be done by enamel paint. All materials including PVC wires, blanking stretcher, PVC flexible pipe, hylum strip (6 mm thick), terminals and all sundry materials are to be supplied by the contractor. Railway will supply LED Units.	6 iii	78.00	Numbers	₹ 2,125.80	₹ 1,65,812.40
9	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, installation of point machine on MS plate fixed on wooden/psc/steel sleeper complete with fixing of anti theft arrangement, 'D' Bracket, junction boxes, connection including smithy works involved for ground connection, including rivetting/welding of angle cleats, termination of cables. Preliminary adjustment for operation of points by crank handle. oiling, greasing, painting and lettering as required. This also includes supply and fixing telescopic arrangement using GI pipes of required dia for provision of wires from junction box to point machine. Railway will supply point machine, ground connection from stores. Tender shall supply all other materials required for the works. The contractor shall overhaul the point machine before installation.	7	108.00	Numbers	₹ 17,703.90	₹ 19,12,021.20

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
10	A2-Execution of S&T Indoor & Outdoor works	Description:- Wiring and testing of electric point machine as per the wiring diagram supplied by the Railway. This also includes the connection of complete ground connections of electric point machine and fixing of insulation materials and providing one numbers of seven lever [7 levers] Godrej locks with three keys each, per machine for outside cover, fixing arrangement of crank handle interlocking in point machine, and fixing of 'E' type lock [if required]. Railway will supply electric point machine, ground connections with insulations and junction boxes. Tenderer shall transport the materials issued by Railways to the site of work at his own cost and shall also supply materials such as PVC wire for wiring, one numbers of Godrej (7 Levers) locks with three keys each per lock, per point machine, and any other materials that are required for installation, wiring, testing and commissioning of the said work at his own cost. Also Preparation of point parameter history records and maintenance register duly recording the measurements in prescribed format jointly with Railway representative and handover all records to the Railway.	8	112.00	Numbers	₹ 9,001.80	₹ 10,08,201.60
11	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, fixing and wiring of 24/30-way junction box Tenderer shall supply all wiring materials, hylum strip ISI mark (6mm thickness), MS angle for fixing and any other materials that are required for the work at his own cost. Railway will supply 24/30 way JB & PBT terminal from the store.	9	30.00	Numbers	₹ 1,758.60	₹ 52,758.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
12	A2-Execution of S&T Indoor & Outdoor works	Description:- a] Installation and testing of Straight Portion track circuits including supply of materials as per directive of site Engineer. NOTE: (i) This includes drilling 9/32" holes on rails, provision of bonding, fixing of track lead junction box, provision of track lead jumper wires, fixing of track circuit equipment i.e. track charger, resistance, fuses, batteries, chokes, relays, anti-titling arrangement (if required), painting, lettering and numbering etc. This includes insulation of gauge tie plates, Crossing plates, rod in siding points if required or any other place as instructed by Railway Site Engineer, by tenderer's insulation materials. (ii) Preparation of Track circuit history records and maintenance register duly recording the measurements in prescribed format jointly with Railway representative and handover all records to the Railway. NOTE: 1.Railway will supply Track Charger, B -type choke, Resistance, battery, TLJB and relays from the stores and are to be transported to site of work at contractor's cost. Tenderer shall supply any other materials that are required for the work.	10 a	79.00	Numbers	₹ 6,356.70	₹ 5,02,179.30

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
13	A2-Execution of S&T Indoor & Outdoor works	Description:- b] Installation of Curved Portion (Point Zone) track circuits including supply of materials as per directive of site Engineer. NOTE: (i) This includes drilling 9/32" holes on rails, provision of bonding, fixing of track lead junction box, provision of track lead jumper wires, fixing of track circuit equipment i.e. track charger, resistance, fuses, batteries, chokes, relays, anti-titling arrangement (if required), painting, lettering and numbering etc. This includes insulation of gauge tie plates, Crossing plates, rod in siding points if required or any other place as instructed by Railway Site Engineer, by tenderer's insulation materials. (ii) Preparation of Track circuit history records and maintenance register duly recording the measurements in prescribed format jointly with Railway representative and handover all records to the Railway. NOTE: 1.Railway will supply Track Charger, B -type choke, Resistance, battery, TLJB and relays from the stores at and are to be transported to site of work at contractor's cost. Tenderer shall supply any other materials that are required for the work.	10 b	103.00	Numbers	₹ 16,687.80	₹ 17,18,843.40
14	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, transportation, fixing and execution of continuity bond for Glued Joints. The contractor shall supply bond wire of 8-SWG, channel pins, drill twist of size 9/32" and any other materials to execute the work. The drilling machine, hammer, packing materials, lubricant and any other materials required to execute the said work shall be arranged by the contractor. The work will be carried out as per instruction of Site Engineer of Railway.	11	1270.00	Numbers	₹ 396.00	₹ 5,02,920.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
15	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Charging, installation, wiring of low maintenance Secondary cells as per manufacture's instructions and Railway's directive. This includes supply of distilled water and sulphuric acid by the contractor at his own cost. The un charged batteries with connector shall be supplied by the Railway. Materials including 3/0.29 PVC wires, battery connector , brass bolts and nuts , PVC tapes eyelets, etc and all other materials shall be supplied by the contractor. Note: [1] Before completion of works contractor shall prepare jointly with Railway Engineer at site and submit battery capacity test report as per approved format of Railway and hand over all relevant records to the Railway. [2] All the cells failing in the discharged capacity test in the Railway premises will be replaced by new ones free of cost. Railway Engineers decision shall be final. . Capacity test register (binded size no. 10) in prescribed format shall be supplied by the contractor. In case of failure in capacity test tenderer will be responsible for fresh charging/replacement of the batteries. [i] 2 Volts/80 AH	12	546.00	Numbers	₹ 640.80	₹ 3,49,876.80
16	A2-Execution of S&T Indoor & Outdoor works	Description:- [ii] 2 Volts/400AH	12 ii	60.00	Numbers	₹ 782.10	₹ 46,926.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
17	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, transportation, erection, and grouting of Composite Relay Racks / Relay Racks / CT racks as per Drg.No. SK/DRG/OL/SER/192, SH-1/2 (for Composite Relay Racks), Drg.No. SK/DRG/OL/SER/192, SH-2/2 (for Relay Racks) and Drg.No. S&T/CON/HQ/VSKP/95/92 (for CT Racks) respectively, including fixing of racks, PBT terminals 1-Way/6-Way, ND Fuses, Bus Bars, Eyelets, Hylum strips of required thickness [12 mm] as per length required at site, condensers and resistances etc., wherever required as per directions of Site Engineer. Inspection of Composite Racks / Relay racks/CT racks by representative of Railways. before use. Tenderer shall supply all the materials from RDSO approved sources such as PBT terminals 1-Way/6-Way, ND Fuses, Fuse blocks, Bus Bars, Eyelets, Hylum strips (12 mm thicknessn ISI Mark) condensers and resistances etc., and any other materials required for the work at his own cost.	13	65.00	Numbers	₹ 86,447.70	₹ 56,19,100.50
18	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, transportation and fixing of MS ladder with suitable clamping arrangement & associated masonry and smithy work in Relay room, equipment room, Battery room, Goomties and cabins etc. The MS ladder should be made of 1" X 1" (1/8"/3 mm thickness) and MS flat size of 1" wide X 1/8" / 3 mm thickness. MS flat shall be provided at every 8"apart. Width of ladder shall be 8". Tenderer shall supply all materials for this work. Inspection By representative of Railway before use. [RM=Running Meter]	14	934.00	Running Metre	₹ 811.80	₹ 7,58,221.20

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
19	A2- Execution of S&T Indoor & Outdoor works	Description:- Wiring and testing of complete Relay Rack / CT Rack / Composite Relay Rack as per wiring diagram for maximum number of plug in type relay & shelf type relays of different sizes or as directed by Railway Engineers at site. This includes rack to rack wiring through MS ladder fixed on the top of the relay rack, crimping eyelets in the terminals fitted in the cables termination rack, numbering by ferrules 2.5 sq. mm, bunching of wires by bunching Tape/Thread and buttons, painting and lettering as required. Wiring of the racks shall be done with PVC wire of size 16/0.2 mm and 3/0.75 mm. Tenderer shall supply all wires & wiring materials purchased from RDSO approved sources. Note: 1) Only relay and relay bases will be supplied by the Railway. Contractor has to supply all other materials for the above work and make arrangement for transportation of materials supplied by Railway at his own cost. 2) Only brass screws shall be used for fixing of relay bases. 3) All types of wires and wiring materials, eyelets of sizes (make: Dowell's or similar), ferrules (2.5 sq.mm), resin core solder, insulating tape, bunching belt & buttons etc. are to be supplied by the contractor. Wires will be procured from RDSO approved sources only. and all other components will be supplied by the contractor as per requirement at site.	15	65.00	Numbers	₹ 1,42,515.90	₹ 92,63,533.50
20	A2- Execution of S&T Indoor & Outdoor works	Description:- Alteration of wiring in existing Relay rack/ CT rack/composite relay rack. This includes supply of all types of wires, eyelets, nuts & bolts, bunching material, ferrules, ARA terminals, fuses & fuse blocks by the contractor at his own cost. Lettering & painting to be done by the contractor at his own cost. Wire (RDSO Approved Sources) to be inspected by the representative of Railway before use.	16	18.00	Numbers	₹ 25,452.90	₹ 4,58,152.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
21	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, installation, wiring, testing and commissioning of RKT on 20 mm pre- laminated, BWP, termite proof, borer proof plywood (or on a 12 mm Hylum sheet ISI Mark) of size 300 mm X 400 mm X 12 mm per RKT, including termination of cable/indoor wire, LED, push buttons etc. Railway will supply only RKT. Tenderer will supply all other required materials for the work. Inspection of plywood/Hylum sheets by Representative of Railway before use.	17	70.00	Numbers	₹ 3,213.00	₹ 2,24,910.00
22	A2-Execution of S&T Indoor & Outdoor works	Description:- Painting, varnishing, numbering, lettering and graphiting of all outdoor and indoor signalling equipments over and above the initial painting as per instruction of Railway representative at site. This includes supply of paints, varnish, graphites and any other consumables by the contractor.	18	4.00	Lumpsu m	₹ 34,251.30	₹ 1,37,005.20
23	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation, wiring, testing and commissioning of Data Logger system 1024 digital input and 64 analog input as per specification No.IRS:S-99/2006 or latest at station and goomtys. This includes (i) Changes in design of Data Logger for installation in Electronic interlocking station (ii) Wiring and testing of protocol converter unit for EI station (iii) Modification in software and hardware if required and networking with other data loggers along with fault logic design. (iv) Wiring of all external relays to Data Logger as per RDSO guide lines.	19	1.00	Numbers	₹ 82,163.70	₹ 82,163.70

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
24	A2-Execution of S&T Indoor & Outdoor works	Description:- Installation, Transportation, testing, Commissioning & Networking of RTU-Data logger 64/128 digital inputs & 16 Analog inputs as per RDSO Spec No-IRS-S-99/2006 or latest amendment if any. This includes wiring of potential free contacts from existing relays, contact of analog devices (Chargers, Battery, Power supply etc.) and its usage in datalogger and its necessary wiring required for the work. The wiring materials will be used as supplied in Schedule-B including 40/60 core cable. Any other wiring material if required shall be supplied by contractor. Wiring of all external relays to Data Logger as per RDSO guide lines. The work is to be executed as per directives of Railway Representative.	20	11.00	Numbers	₹ 17,458.20	₹ 1,92,040.20
25	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation, wiring, testing and commissioning of Data Logger system 512 digital input and 32 analog input as per specification No.IRS:S-99/2006 or latest at station and goomtys. This includes (i) Changes in design of Data Logger for installation in Electronic interlocking station (ii) Wiring and testing of protocol converter unit for EI station (iii) Modification in software and hardware if required and networking with other data loggers along with fault logic design. (iv) Wiring of all external relays to Data Logger as per RDSO guide lines.	21	10.00	Numbers	₹ 59,681.70	₹ 5,96,817.00
26	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and commissioning of LED indication system (Safety Point Alarm system) with 6 indications, buzzer and acknowledgment button with interface facility to existing datalogger and modification of data logger embedded software when a Station Master fails to set the point against occupied line within stipulated time after arrival of the train for the specified station per station. Note : 80% payment made after supply of material (this amount will be paid as per payment clause of supply of materials as para 18.3 of payment clause of	22	1.00	Numbers	₹ 71,339.40	₹ 71,339.40

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		Chapter -4 in Tender Document) and balance 20% payment made after commissioning of above work.					
27	A2- Execution of S&T Indoor & Outdoor works	Description:- Wiring, testing and commissioning of overall circuits and ground gears of approved interlocking arrangement as per approved circuit diagram and Interlocking plan. This also includes making corrections/alterations in As Planned drawings and documents as per the execution at site. This includes Free home signal connection at site and SM's office, telephone connection in the tents/goomties and any other communication arrangement for the Non interlocking at the station or as decided by the representative of Railway during non interlocking. The materials required for preparation of Free Home indication board will be supplied by the tenderer. This also includes painting and lettering of gears. Telephone , VHF Sets/Walkie Talkie sets will be supplied by railway.	23	4.00	Stn/IBH	₹ 1,26,158.40	₹ 5,04,633.60
28	A2- Execution of S&T Indoor & Outdoor works	Description:- Transportation, installation, wiring of Integrated Power Supply system. Railway will supply only IPS system, red and black copper cable of 25 Sq mm size or as required as IS: 694 and grade 1100 V for connecting IPS to battery bank for 300/200 AH battery. Tenderer shall supply all wires and wiring materials required for the installation including DPDT switches of required numbers of ANCHOR/CROMPTON/HAVELL S/L&T to make 250V AC 32 Amps/415 V AC 63/100 Amps capacity or as per requirement. Electric wiring and bringing AC input supply from auto change over CLS panel at the station to IPS, all wiring /ducting from SM room to IPS room, from IPS room to relay room or any other load to be done by the contractor. All other copper cable of required dia as per installation manual and other wiring materials to be used for power	24	20.00	Numbers	₹ 84,991.50	₹ 16,99,830.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		wiring will be supplied by the contractor at his own cost.					
29	A2-Execution of S&T Indoor & Outdoor works	Description:- Wiring and fixing, of Surge Protection Devices complete with all accessories, fixture as per the following description. Railway will supply only SPD and all other materials required for the works shall be supplied by the contractor. [a] Surge Protection Device for 230 V AC input to PC, complete with enclosure and connected wire as per technical specification No:RS-SPD-5.	25 a	8.00	Numbers	₹ 3,429.90	₹ 27,439.20
30	A2-Execution of S&T Indoor & Outdoor works	Description:- [b] Surge protection Device for 110V AC input to signals complete with connected wire .	25 b	11.00	Numbers	₹ 3,420.90	₹ 37,629.90
31	A2-Execution of S&T Indoor & Outdoor works	Description:- [c] Surge protection Device for 110V DC input to IPS Goomty, complete with connected wire as per technical specification No:RS-SPD-7.	25 c	11.00	Numbers	₹ 3,429.90	₹ 37,728.90
32	A2-Execution of S&T Indoor & Outdoor works	Description:- [d] Surge Protection Device for 24V DC supply complete with connected wire as per technical specification No: TS-SPD-3.	25 d	26.00	Numbers	₹ 3,429.90	₹ 89,177.40
33	A2-Execution of S&T Indoor & Outdoor works	Description:- [e] Surge Protection Device for 12V DC supply complete with connected wire as per technical specification No: TS-SPD-3.	25 e	8.00	Numbers	₹ 3,429.90	₹ 27,439.20

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
34	A2- Execution of S&T Indoor & Outdoor works	Description:- Installation of lightening arrestor Class A device on the top of the building. the devices shall be installed at the height of about 3 mts from the roof of building using a G.I. pipe. The device shall be connected to the earth pit using the copper tape 25mmx1.5mm or better the copper tape shall be run firmly along the side of the mast with the help of the spacers. It shall also be ensured that this down conductor shall not touch the building through out. The down conductor should be connected to the separate earth electrode as per Railway Board guidelines using exothermic welding. A counter shall be installed at an appropriate place to count the no of occurrences. All the accessories like spacers, welding material etc required for the installation shall be arranged by the contractor only. The installation of Lightning Arrestor should done by authorised representative of OEM.	26	19.00	Set	₹ 30,033.00	₹ 5,70,627.00
35	A2- Execution of S&T Indoor & Outdoor works	Description:- Transportation, installation/ replacement/shifting, termination of cables, complete wiring, testing and commissioning of Block Instrument [Single/Double line/TLBI] including all accessories and sub systems, filter units, and telephones as per approved diagram and Railway directives. This also includes dismantling of existing block instrument and alterations of wiring of existing block circuit as required at adjacent stations. Only Block Instruments and standard accessories shall be supplied by the Railways. All other materials required for the work shall be supplied by the contractor. Note : 1) Each block shall be provided with separate earth. Value of each block earth resistance shall be measured separately and to be written on the earth pit before commissioning.	27	6.50	Pair	₹ 11,914.20	₹ 77,442.30

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
36	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation, wiring, testing and commissioning of Electrically operated lifting barrier type L.C.gates in all respect, which includes Installation, wiring & commissioning of Control Panel, if required. Only LC Gate assembly complete with standard fittings will be given by Railway. All materials required for commissioning will be supplied by contractor. Installation to be done by OEM.	28	3.00	Numbers	₹ 72,454.50	₹ 2,17,363.50
37	A2-Execution of S&T Indoor & Outdoor works	Description:- Dismantling of existing LC gates and related gears. This includes dismantling, stacking, accountal of all the materials including transportation of all the released materials to the Railway store.	29	3.00	Numbers	₹ 9,414.90	₹ 28,244.70
38	A2-Execution of S&T Indoor & Outdoor works	Description:- Excavation of pit to required size as directed by Engineer in charge at site and casting foundations in the ratio of 1:3:6 cement, sand and metal (40mm stone) all to be supplied by contractor approx 10 Nos. per each sliding gate or as directed by Engineer in charge at site.	30	3.00	Set	₹ 44,810.10	₹ 1,34,430.30
39	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation and testing of Sliding Boom. Sliding boom and E-Type lock will be supplied by Railways.	31	3.00	Set	₹ 43,126.20	₹ 1,29,378.60
40	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, installation, wiring, adjustment, testing and commissioning of High availability single section digital axle counter device with dual track sensor complete including termination of cable. Axle counter device complete with standard accessories shall be supplied by the Railway. All sorts of terminals, sealed wires, condensers, resistances etc, HDPE pipes and all other materials required for the above work shall be supplied by the contractor. This includes execution of associated work for working of axle counter through OFC/TDM Multiplexer (MROTEK or Similar). The installation certificate shall be submitted from the OEM.	32	9.00	Set	₹ 1,41,983.10	₹ 12,77,847.90

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
41	A2-Execution of S&T Indoor & Outdoor works	Description:- (a) Dismantling of the signal post/warning board/Location box with complete fittings. This includes dismantling, stacking and accountal of all the materials including transportation of all released materials to the Railway store or as instructed by the Railway.	33 a	66.00	Numbers	₹ 2,737.80	₹ 1,80,694.80
42	A2-Execution of S&T Indoor & Outdoor works	Description:- (b) Dismantling of the RCC structure of Signal & Location box or any other signalling structure by hydraulic breaker/Manual. This includes transportation and removal of debris from site as instructed by the Railway.	33 b	66.00	Numbers	₹ 3,875.40	₹ 2,55,776.40
43	A2-Execution of S&T Indoor & Outdoor works	Description:- (c) Dismantling of all existing indoor electrical and mechanical signalling gears at end cabins, stations etc. This includes old signalling equipments such as lever frame, relay racks, SM slide box, block instruments and all such indoor gears. This includes dismantling, stacking and accountal of all the materials including transportation of all released materials to the Railway store or as instructed by the Railway.	33 c	4.00	Lumpsu m	₹ 1,08,593.10	₹ 4,34,372.40
44	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation of all sorts of Railway Signal & Telecom materials from/to any place in India to/from Railway Stores / Any other store depot including loading, unloading and stacking the same at specified places as directed by the representative of Railway. The rate includes lead, lift, ascent, descent, all taxes, royalty, labour, tools and plants etc. complete. (a) For a lead up to 10 KM	34 a	150.00	MT	₹ 477.00	₹ 71,550.00
45	A2-Execution of S&T Indoor & Outdoor works	Description:- (b) For extra lead in excess of 10 Kilometres [Lead range from 10 Kilometres to 100 Kilometres] i.e. extra over and above item No: 31[a] above.	34 b	1500.00	MT-Km	₹ 7.20	₹ 1,08,000.00
46	A2-Execution of S&T Indoor & Outdoor works	Description:- (c) For extra lead in excess of 100 Kilometres [lead range beyond 100 Kilometres] i.e. extra over and above Item No: 31[a] & 31[b] above.	34 c	4500.00	MT-Km	₹ 5.40	₹ 2,43,000.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
47	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation and fixing of perforated G.I. Pipes on bridges, culverts, drains or in trenches or any other place as per instruction of site Engineer with clamps at 1.5 mts. interval on steel girder bridges or at places advised by site Engineer. This includes supplying of G.I. Pipes, 80/100/150 mm dia. Specn. No. IS:1239/2004, or latest medium gauge with threaded collars (Make -TATA /JINDAL) by tenderer. This also includes 100 mm thick concreting on GI pipes as required and instructed by site Engineer and all other materials required for the work shall be supplied by the tenderer. Note: The G.I. pipe shall be perforated by drilling 7 mm dia holes length wise in zig-zag manner staggered at a distance of 300 mm. G.I. Pipes before and after perforation and bridge fixtures supplied by the tenderer will be inspected by representative of Railway before use. The bridge fixtures will be supplied by tenderer for fixing of GI pipes on girder bridges only. (i) GI pipes of 100 mm Dia	35	400.00	Metre	₹ 2,387.70	₹ 9,55,080.00
48	A2-Execution of S&T Indoor & Outdoor works	Description:- [a] Compilation, preparation, printing, binding and supply of Draft station/Gate working rules both in English and Hindi using MS word software in computer on the basis of WRD, RCC and Front plate diagram of Panel/VDU with contractor's stationery, tools, plants & materials.	36 a	400.00	Per Page	₹ 22.50	₹ 9,000.00
49	A2-Execution of S&T Indoor & Outdoor works	Description:- [b] Compilation, preparation, correction, updating, printing and supply of Final station working rules with contractor's stationery, tools, plants and materials. Note: Final SWR to be submitted in 2 sets for each station.	36 b	800.00	Per Page	₹ 22.50	₹ 18,000.00
50	A2-Execution of S&T Indoor & Outdoor works	Description:- "[c] Compilation, preparation, correction, updating, printing and supply of Final Gate working rules with contractor's stationery, tools, plants and materials. Note: Final GWR to be submitted in 2 sets for each L.C. Gate."	36 c	100.00	Per Page	₹ 30.60	₹ 3,060.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
51	A2-Execution of S&T Indoor & Outdoor works	Description:- [d] Printing and supply of approved SWR with contractor's stationery, tools, plants and materials. Note: Approved SWR to be submitted in 26 copies for each station.	36 d	10400.00	Per Page	₹ 3.60	₹ 37,440.00
52	A2-Execution of S&T Indoor & Outdoor works	Description:- [e] Colour Printing and supply of Top covers with Station Photo for SWR with contractor's stationery, tools, plants and materials.	36 e	104.00	Numbers	₹ 28.80	₹ 2,995.20
53	A2-Execution of S&T Indoor & Outdoor works	Description:- [f] Hardboard binding and supply of 26 copies of station/Gate working rules with contractor's stationery, tools, plants and materials.	36 f	104.00	Numbers	₹ 69.30	₹ 7,207.20
54	A2-Execution of S&T Indoor & Outdoor works	Description:- [g] Supply of soft copy in CD of station/Gate working rules with contractor's stationery, tools, plants and materials.	36 g	4.00	Station	₹ 198.00	₹ 792.00
55	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and execution of Earth Leakage Detector 12 Channel as per RDSO specification No: RDSO/SPN/256/2002 or latest. Inspection by RDSO.	37	11.00	Numbers	₹ 2,62,250.10	₹ 28,84,751.10
56	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and execution of Earth Leakage Detector 8 Channel as per RDSO specification No: RDSO/SPN/256/2002 or latest. Inspection by RDSO.	38	8.00	Numbers	₹ 1,83,390.30	₹ 14,67,122.40
57	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation, testing and final commissioning of Data Logger Equipment in view of Up gradation of existing Data Logger with Scanner card and software as per RDSO Spec. No. 99/2006 or latest. The Scanner card and software will be supplied by the Railway.	39	2.00	Job	₹ 30,576.60	₹ 61,153.20
58	A2-Execution of S&T Indoor & Outdoor works	Description:- Maintenance of all the installation of PI/EI stations as per section-H including outdoor and indoor under an able and competent supervisor for a period of 30 days from the date the works handed over to traffic. Payment shall be released only on completion of residual works as pointed out by Railways. i) During the above maintenance period contractor has to replace/repair any defect to the installation pointed out by the	40	4.00	Job	₹ 1,06,569.90	₹ 4,26,279.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		<p>Railway administration at contractor's cost without endangering Railway safety and Safety rules. ii) During the above maintenance period contractor shall comply all the residual works and carry out petty repairs and arrange attending of failures promptly by keeping artisan staff and helpers, conversant with signalling system must be available round the clock. iii) The contractor shall supply of minimum 5KG of Grease, Lubricating oil of 5 Ltrs for point machines, lubricants (black oil), distilled water, cotton waste of 5Kgs and all other petty consumables for regular maintenance. iv) The contractor shall supply & prepare all the required registers i.e. cable insulation register, Track History card, Battery History Register, Equipment History Register, Signal Lamp History Register, Joint S&T & P-way Inspection Register, Earth register, Axle counter reset register, axle counter channel voltage register, digital axle counter register, point testing register, emergency operation register (points,gate etc.) etc. and maintain the records neatly cabin-wise for signalling gears on standard Performa as per the directive of Railway administration for handing over the maintenance to the Open Line. Format of register should be as per the advice of the site Engineer. Each register of A-4 size of 50 pages one side/both side hard bound. 2 Nos of register of each type mentioned above should be supplied. v) The contractor has to supply all the registers mentioned above before taking Non Interlocking. Maintenance of upto 5 line station.</p>					

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
59	A2-Execution of S&T Indoor & Outdoor works	Description:- Maintenance of all the installation of PI/EI stations as per section-H under an able and competent supervisor for a period of 30-days from the date the works of a station is handed over to the traffic and as per directive of Rly. Representative. This includes supply of minimum 5 Kg of grease, Lubricating oil of 5 Ltrs. for Point Machines, lubricants(black oil), distilled water , Cotton Waste of 5 Kgs and all other petty consumables for regular maintenance. Note: (i) During maintenance period all sorts of repairing, replacement of defective gears, oiling, greasing, cleaning and transportation of materials required thereof shall be carried out in addition to regular maintenance works by the contractor. (ii) During maintenance period maintenance staff shall be provided by the contractor round the clock to assist Rly. Official as directed by Railway. (iii) During the above maintenance period contractor has to replace/repair any defect to the corrections of the fact pointed out by the Railway Administration at contractors cost without endangering Railway safety and safety rules. (iv) During the above maintenance period contractor shall comply all the residual works and carry out petty repair works and attending failures promptly by keeping artisan staff who must be available round the clock. The contractor will supply, prepare and fill up all the required following registers: Cable Insulation Register, Track History Cards, Battery History Register, Equipment History Register, Signal Lamp Replacement Register, Joint P-Way & S&T Inspection register, Relay History Register, Diesel Generator Log Book, Point Machine Over-hauling Register, Relay Room Key Register, Separate Register for Each Counters and any other registers and documents as per standard guide lines issued by the Railway time to time and as per directives of the Railway Administration. Contractor shall	41	10.00	Job	₹ 2,26,793.16	₹ 22,67,931.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		maintain all the records neatly and hand over all the registers and documents to the Railway Administration. During maintenance and for taking all the above parameters tenderer staff will work as instructor by Railway. Maintenance of 6 & above line station.					
60	A2-Execution of S&T Indoor & Outdoor works	Description:- Manufacturing, transportation, installation, fixing of equipments, wiring of Cup board of Block Instrument as per Drawing supplied by Railway. This includes supply and fixing of terminals, fuses, LDs, switches, bus bar, indicators etc., All materials required for the works are to be supplied by the contractor. Inspection by representative of Railway.	42	13.00	Numbers	₹ 19,524.60	₹ 2,53,819.80
61	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, excavation of pit, casting of foundation, plastering and erection of Steel Apparatus case (quarter size) with fixing of E-Type lock, wiring, cable entry, termination clamping, etc., as per Drg.No.RE/S&T/Sig/Tender/SK/S A/91. This includes earth work and/or masonry work required for securing the apparatus case as per site condition. Railway will supply apparatus case with 'E' type lock only from Railway stores. Tenderer will supply all wiring materials, PBT Terminals, fuses, fuse blocks, bus bars, hylum sheet ISI mark [6mm thickness], wood plank board of good quality [minimum 3/4" thick], Cement and transport all the materials to site of work at his own cost. Note:-(i) If location box foundation is available at site 20% of the cost is to be deducted.(ii) 40% payment shall be released after erection of location boxes.	43	41.00	Numbers	₹ 3,972.60	₹ 1,62,876.60
62	A2-Execution of S&T Indoor & Outdoor works	Description:- Shifting & adjustment of existing analog axle counters/SSDAC as per the instruction of the Railway representative.	44	5.00	Numbers	₹ 93,303.00	₹ 4,66,515.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
63	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation ,Installation, termination of power cables, wiring ,testing and commissioning of Power supply system complete at Goomties. This includes supply and fixing of power distribution on Hylum board with fittings consisting of (i) MCB- single pole 240/415V rating 6A - 2 no. and 32A -2 no. per board, make - Havell/L&T/Crompton/Anchor (ii) DPST Switch unit 240V, 16A, Make: Havell/L&T/Crompton/Anchor,iii) plug point 5A&15A combination- 1No. (iv) 10"x12"x2" MS box with 11"x13" 5mm hylum sheet . Inspection by representative of Railway before use. All sorts of wires and wiring materials shall be supplied by the tenderer.	45	10.00	Numbers	₹ 18,580.50	₹ 1,85,805.00
64	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation, Installation, wiring of Fuse Auto Changeover System (fuse Alarm System) for monitoring health of various types of fuses with a railnet connectivity facility along with audio and visual indication as directed by the railway representative. Fuse Auto Changeover System (fuse Alarm System) will be supplied by Railway and any other materials required for the work will be supplied by the contractor.	46	4.00	Numbers	₹ 5,388.30	₹ 21,553.20
65	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and installation of Rodent Repeller for covering the Relay Room and Power Room.	47	22.00	Numbers	₹ 4,011.30	₹ 88,248.60
66	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of A Marker LED aspect type lamp unit with current regulator in A Marker LED aspect unit. This includes taking the cable inside the unit, fixing of current regulator etc., complete wiring, fitting of terminals, LED signal lamps, and fittings as required. The painting and lettering of existing markers and numbering plate to be done by enamel paint. All materials including PVC wires, blanking stretCPPr, PVC flexible pipe, hylum strip (6 mm thick),terminals and all sundry materials are to be	48	38.00	Numbers	₹ 712.53	₹ 27,076.14

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		supplied by the contractor Railway will supply LED units.					
67	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of A/G Marker LED aspect type lamp unit with current regulator in A Marker LED aspect unit. This includes taking the cable inside the unit, fixing of current regulator etc., complete wiring, fitting of terminals, LED signal lamps, and fittings as required. The painting and lettering of existing markers and numbering plate to be done by enamel paint. All materials including PVC wires, blanking stretCPr, PVC flexible pipe, hylum strip (6 mm thick), terminals and all sundry materials are to be supplied by the contractor Railway will supply LED units.	49	10.00	Numbers	₹ 712.53	₹ 7,125.30
68	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation, Testing & Commissioning of Networkable Single loop addressable Fire alarm Control panel expandable upto 2 loops & interface with GSM/LTE module working as per RDSO/SPN/217/2021 ver-3 or latest. The control panel shall be networkable to Zonal /Divisional Headquarters preferably over TCP/IP and shall have clock synchronization facility. This schedule includes supply of TCP/IP converter/ Networking card. The control panel shall have provision of Graphical software to enable remote monitoring of entire fire detection and alarm system of a station from Head Quarters. The control panel shall be designed to work on power supply of 110V/230V AC as well as on DC battery backup of adequate capacity to work upto 24 hrs. Backup. The Power supplies like batteries and chargers shall be supplied by the contractor. The Control Panel shall have means for the user to visualize and interact with the complete Automatic Fire Detection and Alarm System layout through a user-friendly software executable on a standard Windows based Personal Computer. It shall be possible to download data and extend alarms from Control Panel through suitable ports like	50	11.00	Set	₹ 1,43,958.95	₹ 15,83,548.46

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		RS485/RS232/USB/TCP/IP into a PC/Laptop available with SSE at the installation and remote location (Divisional Control room) operating on Windows platform. The software for downloading and analysing fault data shall be provided & shall be compatible with the latest windows operating system. Detection, actuation, and control system shall have provision for automatic as well as manual operation. The GSM/LTE module for interfacing with Control panel duly providing compatible SIM with SMS facility on minimum of 5 numbers (users) and all other accessories. Spares cost are also included & to be supplied as per RDSO para no. 4.15.					
69	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation ,testing and commissioning of single channel laser or High power LED based Aspiration detection unit (for AC room) with area covering 5000 sq. ft. with programmable 4 stage alarm generation and with 4 addressable modules. It should have auto cleaning facility in optical chamber, electronic discrimination of particle size, ultrasonic air flow sensing auto learn feature with TCP/IP network capability, the aspiration system shall also include external power supply unit with battery backup. Approval-UL/LPCB/VDS listed and shall comply to specification No. RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	51	16.00	Set	₹ 2,85,786.89	₹ 45,72,590.26

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
70	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, installation testing & commissioning of Heat and smoke multi sensor with back box with integral short circuit isolator as per specification No. RDSO/SPN/217/2021 ver-3 or latest and required to be provided at suitable locations inside the diesel generator room, battery room, ASM room, and other S&T service rooms as directed by the Railway site Engineer. The location of fixing is to be meticulously decided so that full advantage of the system is achieved. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	52	240.00	Numbers	₹ 3,966.86	₹ 9,52,045.92
71	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation and Testing, commissioning of Audio Visual alarm (Hooter and strobe) with back box controlled through addressable control model. Visual Alarms (Strobe): It shall be preferably flashing type RED/WHITE Color. Audio Alarms (Hooter): It shall be preferably with Piezoelectric type sounder. The sound level shall be preferably adjustable type up to 90dB at a distance of 1m as per specification No. RDSO/SPN/217/2021 Ver - 3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	53	16.00	Numbers	₹ 8,198.04	₹ 1,31,168.59
72	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation and Testing, commissioning of Analogue Addressable and resettable Manual call point with back box with integral short circuit isolator, Analogue addressable protocol having status LED for alarming & standby mode, Binary coded dip switch addressing. It shall have inbuilt fault isolator or alternate arrangement which shall isolate the Manual Call Point in case of open/short circuit fault within it as per specification No. RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	54	16.00	Numbers	₹ 5,647.44	₹ 90,358.99

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
73	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, installation, Testing and Commissioning of Analogue Addressable type Isolator modules device for isolating in case of any fault, complying to the RDSO/SPN/217/2021 ver-3 or latest. Inspection by Rep. of Railway Engineer. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	55	16.00	Numbers	₹ 4,346.81	₹ 69,548.98
74	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation, Testing and Commissioning of Relay module with back box and all other accessories as per RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	56	16.00	Numbers	₹ 4,506.50	₹ 72,103.97
75	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation, testing and commissioning of Monitor module with back box and all other accessories as per RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	57	16.00	Numbers	₹ 7,288.36	₹ 1,16,613.79
76	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, installation, testing & communication of Linear Heat Sensing (LHS) Interface module with all accessories for integration with main line fire alarm control panel as per RDSO specification No. RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	58	16.00	Numbers	₹ 85,026.50	₹ 13,60,424.02
77	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation Testing and commissioning of Analogue type Linear Heat Sensing cable with required module to be integrated on main Fire Alarm Panel as per specification No. RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	59	800.00	Metre	₹ 487.87	₹ 3,90,297.60
78	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation Testing and commissioning of FRLS/Fire Survival Circuit Integrity Cables and power cable with all accessories for connection of Fire Alarm devices specification No. RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	60	3200.00	Metre	₹ 154.18	₹ 4,93,372.80

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
79	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation, Testing & Commissioning of UL/LPCB/VDS listed CPVC Pipe with suitable diameter as per requirements & pipe accessories for the Aspiration detection shall comply to RDSO/SPN/217/2021 ver-3 or latest. Spares cost are also included & to be supplied as per RDSO para no. 4.15.	61	800.00	Metre	₹ 582.59	₹ 4,66,070.40
80	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and fixing of Anti Static Proof Rubber Sheet 1Mtr X 2 Mtrs X 4mm thick. Inspection by Representative of Railway.	62	130.00	Numbers	₹ 1,709.82	₹ 2,22,276.60
81	A2-Execution of S&T Indoor & Outdoor works	Description:- Preparation and fixing of station working rule diagram board of digital printing in opaque vinyl with lamination pasted on top polycarbonate sheet at station. All materials will be supplied by the tenderer.	63	160.00	Square Foot	₹ 1,640.15	₹ 2,62,424.16
82	A2-Execution of S&T Indoor & Outdoor works	Description:- "Supply Installation Testing & Commissioning of Dual Redundant Arrangement of UFSBI Electronics for exchange of vital Relay state exchange pertaining to IB/Auto signalling, etc. Inspection by RDSO. The system comprises of following sub systems: a) Electronics for UFSBI interface as per IRS spec. no. IRS:S-104/2012 ver. 0 (latest amendment). b) Modem for UFSBI (for use of secondary media OFC / Quad) . c) Automatic Media changeover of modem working on redundant channels for data transmission on OFC/Quad. d) wired 36-U floor mounting MS Cabinet suited to fit 2 sets of UFSBI Electronics with Siemens grey/Smoke grey powder coating (Rust proof and long life), tinted 3-4 mm thick tinted Acrylic/ Polycarbonate/ Glass sheet fitted on front door and metal back door, with double lock and bottom cable entry facility. Note: Necessary arrangement / terminations must be provided for display of all Signal aspects, Tracks, OFC media and UFSBI system (present in the entire Block Section), at the end station / divisional control on OFC media. One Rack of UFSBI having one MAIN and one standby unit (2	64	6.00	Pair	₹ 13,27,500.00	₹ 79,65,000.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		unit of UFSBI Electronic) Make: Daltron or similar"					
83	A2-Execution of S&T Indoor & Outdoor works	Description:- "Wiring, installation, testing of multiplexer and other equipments including:- installation & wiring of equipment including connection to 48V bus bar.This includes supply of all wires and connectors. The equipments are to be mounted on the shelves of supply of all wires and connectors. The equipmennts are to be mounted on the shelves of standard 19"" rack. All materials like foundation bolts, nuts, base frame ladder connectors, interconnecting cables, terminating materials etc shall be supplied by the contractor. The masonry works like cutting of floor, walls as required at site are to be done by the contractor. a) SDH add drop or terminal multiplxer (Short haul with 21 E1). The E1 streams shall be suitably terminated on Digital "	65	2.00	Numbers	₹ 38,426.40	₹ 76,852.80
84	A2-Execution of S&T Indoor & Outdoor works	Description:- "Wiring, installation, testing of multiplexer and other equipments including:- installation & wiring of equipment including connection to 48V bus bar.This includes supply of all wires and connectors. The equipments are to be mounted on the shelves of supply of all wires and connectors. The equipmennts are to be mounted on the shelves of standard 19"" rack. All materials like foundation bolts, nuts, base frame ladder connectors, interconnecting cables, terminating materials etc shall be supplied by the contractor. The masonry works like cutting of floor, walls as required at site are to be done by the contractor. b) Primary drop Insert Multiplexer with all interface cards including connection to the bus bar as per approved channeling plan."	66	2.00	Numbers	₹ 30,811.50	₹ 61,623.00

RAILTEL

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
85	A2-Execution of S&T Indoor & Outdoor works	<p>Description:- Supply of 19" 42 U covered racks complete with all fittings and accessories for housing SDH equipments, primary Muxs, krone modules for 60 channels (2 x 30), DDFs, for 30 channels and other equipments like runway ladders, fan tray etc completely wired and equipped with integrated protection modules for all 30 circuits. It should be possible to lock all the equipments with only order wire telephone remaining outside the rack. This includes with the DC-DC Panel with MCB (Min. 05 -48V DC) , 230V AC distribution panel and installation, testing and commissioning of the system. Inspection by RITES.</p> <p>"Supply of 19"" 42 U covered racks complete with all fittings and accessories for housing SDH equipments, primary Muxs, krone modules for 60 channels (2 x 30), DDFs for 30 channels and other equipments like runway ladders, 48 V DC Fan, etc. completely wired and equipped with integrated protection modules for all 30 circuits. It should be possible to lock all the equipments with only order wire telephone remaining outside the rack. This includes with the DC-DC Panel with MCB (Min. 05 -48V DC) , 230V AC distribution panel and installation, testing and commissioning of the system. Inspection by RITES. Note: 80% payment made after supply of material (this amount will be paid as per payment clause of supply of materials as para 18.3 of payment clause of Chapter -4 in Tender Document) and balance 20% payment made after commissioning of the system.</p>	67	2.00	Numbers	₹ 69,163.20	₹ 1,38,326.40

RAILTEL

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
86	A2-Execution of S&T Indoor & Outdoor works	Description:- "Termination of VF/Data Interface circuits on the KRONE MDF which is to be fixed inside the VF termination cabinet. This includes terminations at both the ends and taking PVC cable on the runway. All cables run between OFC equipment, power supply equipment, earthing incoming and out going to the equipment room shall run on overhead ladder, Krone C.T.box. The integrated protection arrangement consisting of G.D.tubes, fuses and magazine shall also be supplied by the contractor and shall be as per directive of railways."	68	2.00	Numbers	₹ 98,126.10	₹ 1,96,252.20
87	A2-Execution of S&T Indoor & Outdoor works	Description:- "Transprotation, installation & wiring of 48v/50amp SMPS based Power Plant in (2+1) configuration using 3 nos of 48V/25A modules to charge the VRLA battery bank of 48V/200AH for telecom purpose."	69	2.00	Numbers	₹ 15,090.30	₹ 30,180.60
88	A2-Execution of S&T Indoor & Outdoor works	Description:- "Transportation, Installation & wiring of Maintenance Free Valve Regulated Lead Acid battery 48V-200AH (Consists of 24 Nos of 2V-200Ah cells)."	70	2.00	Numbers	₹ 15,953.40	₹ 31,906.80
89	A2-Execution of S&T Indoor & Outdoor works	Description:- "Transportation, Installation of VF [Isolation] Transformers [1120:470], [1120;1120] Supply and installation of 32 way 'U' link panel with 'U' links [2sets/stn.] and suitable fixtures and wiring both at cable hut and CT rack as per standard practice. Railway will supply VF [Isolation] transformers. Tenderer shall supply all fixtures and other necessary materials for this work at his own cost."	71	4.00	Numbers	₹ 1,425.60	₹ 5,702.40
90	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and fixing of aluminum ladder of width 0.3 mtr consisting aluminum angles both sides of 37mm*25mm*2mm and placing the aluminum bar with a gap of 20cm having all of thickness 37mm*2mm dia. The aluminum ladder will be supported by at a gap of .3mtrs by aluminum angle 50mm*50mm*4mm (this includes all fittings, jamming, cementing, rivets, corners, bolts and nuts as per the site requirement including supply of cement and	72	400.00	Metre	₹ 1,620.90	₹ 6,48,360.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		other necessary materials). as per instruction of site Engineer.					
91	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and installation of class B&C grade lightning/Surge protector arrangement for single phase AC input power supply as per TEC guidelines including supply of all materials from TEC approved sources.	73	4.00	Numbers	₹ 19,728.00	₹ 78,912.00
92	A2-Execution of S&T Indoor & Outdoor works	Description:- "Supply, transportation and Installation of 10/20/50 pair Aluminium CT Box and termination of cables inside C.T. Box in station building cabin/office/quarters as per instructions of site Engineer. All materials like C.T. Box shall be supplied by the contractor at his own cost. Inspection by representative of Railway. This also includes painting and lettering of description."	74	4.00	Numbers	₹ 6,363.90	₹ 25,455.60
93	A2-Execution of S&T Indoor & Outdoor works	Description:- "Supply, fitting & fixing of ply board 19 mm thick for cupboard, partition wall, etc. Inspection by representative of Railway."	75	63.00	Sqm	₹ 1,720.80	₹ 1,08,410.40
94	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation and jointing (straight through and derivation) of PIJF/quad cables size TSF-IV as per Specn No. IRS: TC-31/96 & IRS 30/97. Jointing kits shall be supplied by the Railway. All other materials shall be supplied by the tenderer.	76	15.00	Numbers	₹ 1,431.90	₹ 21,478.50
95	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing, testing and commissioning of way side control equipment with telephone, hot line phone and auto telephones, Control equipments, switch board cable and telephones shall be supplied by Railway, other fixing materials shall be provided by the contractor.	77	10.00	Numbers	₹ 204.30	₹ 2,043.00
96	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing and laying of PVC channel of different sizes with proper grouting etc.	78	80.00	Metre	₹ 22.50	₹ 1,800.00
97	A2-Execution of S&T Indoor &	Description:- Drawing of switch board cable of sizes, power cable, UTP and STP cable etc through PVC pipes/ PVC channel etc up to the DP/Rosset to DP/Rosset.	79	80.00	Metre	₹ 7.20	₹ 576.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
	Outdoor works						
98	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of PVC conduit pipes firmly with wall and ceiling sealing with PVC saddles at regular interval of 50 Cm.	80	80.00	Metre	₹ 34.20	₹ 2,736.00
99	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation of HDPE pipe from the store to work site, laying of the same (With 4 mm nylon rope, pre inserted inside the HDPE pipe) in excavated trench/ already laid GI/ RCC pipe / tubes, jointing, leveling and end sealing the pipes, HDPE pipe, couplers and end caps shall be supplied by Railway, Nylon rope shall be supplied by the contractor.	81	63.00	Kilometre	₹ 14,171.40	₹ 8,92,798.20
100	A2-Execution of S&T Indoor & Outdoor works	Description:- Transportation of OFC from the store of to work site with care, and pushing/ pulling OFC through the HDPE pipes sealing of the duct by simple plugs. The cable is to be laid by mechanised means. At inaccessible places where mechanised laying is not possible, the cable is to be laid manually by pulling through pre inserted rope. Empty cable drums with or without leftover cable should be returned to the store. This also includes testing of cable drums by OTDR in the store premises before transportation and submission of results thereof.	82	63.00	Kilometre	₹ 23,006.70	₹ 14,49,422.10
101	A2-Execution of S&T Indoor & Outdoor works	Description:- End to end testing of all fibers of the optical fiber cable between station/ cable huts. This includes submission of test results in 4 copies as detailed in the technical specifications to be collected from the Railway.	83	12.00	Per IBH/LC/ STN/Auto section	₹ 18,468.90	₹ 2,21,626.80
102	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply ,transportation & installation of Optical Fibre cable joint enclosure and splicing of OFC (24 Fibre) and testing. OFC splicing shall be done in presence of Railway Representative.	84	12.00	Numbers	₹ 16,224.30	₹ 1,94,691.60
103	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of aluminium/Krone type CT Boxes/WAGO/rossetts and termination on following PIJF/U/G cable, SB cables in cable termination box including all other works required for cable termination. This includes	85	21.00	Numbers	₹ 432.90	₹ 9,090.90

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		plumbing of cable, painting, cementing & lettering of CT box.					
104	A2-Execution of S&T Indoor & Outdoor works	Description:- Manufacture, transportation, supply and fixing of telephone stand of size- 2' X 2' Hylum Board ISI mark (thickness 12mm) with border guard as per direction of the Railway representative.	86	6.00	Numbers	₹ 1,007.10	₹ 6,042.60
105	A2-Execution of S&T Indoor & Outdoor works	Description:- Fixing of cable route marker as per drawing in "section-H" at a distance of 100 mtrs. Along the trench and at places where the cable route has taken diversion as per instruction of site Engineer, this includes casting of foundation at site and fixing of the marker in the foundation made earlier at site as per railway directives and specifications, this includes proper curing of the structure, All materials required for this like cement, sand 15 mm chips and steel rod of ISI marks should be supplied by the tenderer.	87	500.00	Numbers	₹ 635.40	₹ 3,17,700.00
106	A2-Execution of S&T Indoor & Outdoor works	Description:- Erection of Rail posts size 3.0mtrs length approx with sole plate of size 40cm x 40cm x 6mm (thickness) welded at the bottom, concreting the post (1:2:4) and painting (2 coats) as per directives of Railways. This includes welding 50mm dia GI pipes, sole plate and fixing of EM socket box with the rail post. Emergency socket box and rail post with sole plate shall be supplied by Railways. All other materials including cement shall be supplied by the contractor.	88	12.00	Numbers	₹ 4,278.60	₹ 51,343.20
107	A2-Execution of S&T Indoor & Outdoor works	Description:- Excavation of cable joint pit of size 1m x 1m x 1.2 in all types of soil for jointing of copper cables, back filling and ramming after jointing.	89	3.00	Numbers	₹ 311.40	₹ 934.20
108	A2-Execution of S&T Indoor & Outdoor works	Description:- Massonary chase cutting 3/2" X 3/2" at work site plastering of PVC pipe in the chase, drawl of 2/5/10/20/50 pair switch board cable through it, covering and plastering the chase with contractor's cement. All materials required for the work are to be supplied by the contractor.	90	60.00	Metre	₹ 365.40	₹ 21,924.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
109	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply, Installation & commissioning of 4 wire way station equipment with telephone(DTMF signalling)as per spec. No: IRS:TC@45<47@2007 Amd.1.Material to be procured through RDSO approved sources only. Inspection by representative of Railways.	91	6.00	Numbers	₹ 8,412.30	₹ 50,473.80
110	A2-Execution of S&T Indoor & Outdoor works	Description:- OFC distribution (management system) box as per RDSO Spec. RDSO/SPN/TC/37-2020, Drg. N0. RDSO/TCDO-170, suitable for 19" rack complete with 24 fibre FCPC/STPC couplers 24 pigtails and suitable tray as per specification and drawing. Make 3M model:8423 or similar (latest version). This includes transportation, Installation and testing. Inspection by RITES.	92	6.00	Numbers	₹ 71,400.60	₹ 4,28,403.60
111	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply and Installation of RFID based Electronic /Pipe marker (route marker) for S&T Cable with programmable memory for saving the user specific data which can be buried up to depth of 1.5 Meter.make Stanley/3M or Similar as per technical specification enclosed in Section-H. Inspection by RITES.	93	450.00	Numbers	₹ 2,302.20	₹ 10,35,990.00
112	A2-Execution of S&T Indoor & Outdoor works	Description:- Installation, Testing & commissioning of OFC equipment for SCADA per location between OFC room & SP/SSP/TSS and in Test room.	94	2.00	Set	₹ 13,967.42	₹ 27,934.85
113	A2-Execution of S&T Indoor & Outdoor works	Description:- Testing and Commissioning of dual Media converters	95	14.00	Numbers	₹ 3,150.00	₹ 44,100.00
114	A2-Execution of S&T Indoor & Outdoor works	Description:- Supply & Installation of Injection-molded cable channel of size width(int/ext) 240/340 mm height(int/ext) 155/230 mm , Length1 Meter (10mm), weight per meter 8 Kg (Top and Bottom). Material Polyolefin Engineering Plastic with fire protection classV0 following DIN - 53438 PartII, for laying Signalling /Telecom Cables. As per RDSO Technical Specification STS/Cable - Laying	96	6000.00	RMT	₹ 2,790.00	₹ 1,67,40,000.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		practicesVol - IV, Dt. 09.05.2018 in DIN53438 Parts - II.					
115	A3-Execution of S&T Outdoor works	Description:- Excavation of trenches of following depth and width 0.3 Meter detailed below including clearing of roots and trees etc. for all types of soil. This work also includes covering of cables laid in trench and backfilling, ramming, consolidation of soil as well as disposal of extra soil after cable is laid as specified in Guidelines on Signalling Cable laying given by RDSO and any latest circular issued by CSTE/ECOR/BBS. Note: Before refilling of the trenches, the cable laid are to be tested and recorded for its insulation value and after satisfaction of site Engineer the refilling process should start and after monsoon the route is to be attended for backfilling the rain cuts, wash out of soils where ever found. [i] 1.2 Meter	1	24.00	Kilometre	₹ 96,002.10	₹ 23,04,050.40
116	A3-Execution of S&T Outdoor works	Description:- [ii] 1.0 Meter	1 ii	21.00	Kilometre	₹ 79,938.90	₹ 16,78,716.90
117	A3-Execution of S&T Outdoor works	Description:- [iii] 0.8 Meter	1 iii	16.00	Kilometre	₹ 63,954.00	₹ 10,23,264.00
118	A3-Execution of S&T Outdoor works	Description:- Excavation of trenches in all kinds of soils including soft rocky area and clearing of track etc. to a depth of 1.0 M and width of 0.3 M for track crossing /pucca road/level crossing gate/platform/station circulating area or any other place as advised by site Engineer including transportation and laying of DWC/RCC/Split RCC/G.I. pipes with or without coupler. This includes repairing of track/pucca road/level crossing gate/ platform/station circulating area surface to original position by ramming and concreting wherever required soon after the work is over. DWC/RCC/GI pipes shall be supplied by the Railway. DWC	2	970.00	Metre	₹ 301.50	₹ 2,92,455.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		pipes wherever required shall be supplied in 6 Mtr. length and shall be cut to size as per requirement. All other materials including cement are to be supplied by the contractor.					
119	A3- Execution of S&T Outdoor works	Description:- Excavation of trenches including clearing of roots of trees etc., in rocky area up to a depth to be indicated by Railway Engineer at site as per the site condition [Minimum 0.6 meter] and width 0.3 Mts. at the bottom. This includes concreting & plastering as per the instructions of site Engineer and complete back filling by digging earth from a lead of 30 Mtr. In case 0.8 meter depth or higher is achieved no concreting is required, otherwise concreting up to 100 mm thickness should be done. All materials required for the above works shall be supplied by the Contractor.	3	800.00	Metre	₹ 229.50	₹ 1,83,600.00
120	A3- Execution of S&T Outdoor works	Description:- Cutting of masonry floor/walls at station building/ signal goomty/ Gate lodge at a depth of 0.5 mtr. to 1.0 mtr at places to be indicated by site Engineer for entering of cables inside the building. Only G.I pipes supplied by Railway and all materials as clamps, bolts & nuts as instructed by site Engineer supplied by tenderer. This includes repairing of masonry floors/walls after the cables are taken inside. Cement, Sand required for the work shall be supplied by the tenderer and also transportation of G.I Pipe from Store by the tenderer.	4	14.00	Numbers	₹ 5,497.20	₹ 76,960.80
121	A3- Execution of S&T Outdoor works	Description:- Cable Duct behind the Relay room and Goomties of size 1.8 M x 1.8 M x 1.2 M to keep cables entering into it consisting of brick work of 254 mm thickness of proportion 1:6 with sand filling after coiling of cables. The top of sand filling covered with concreting of size 1.30 M x 1.30 M and a depth of 200 mm of proportion 1 : 1.5 : 3 outside of the duct should be plastered with cement mortar 1 : 6 to achieve smooth finishing. All materials including cement and chips of size 40mm. and second	5	19.00	Numbers	₹ 15,056.10	₹ 2,86,065.90

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		class bricks etc. to be supplied by the contractor.					
122	A3- Execution of S&T Outdoor works	Description:- Trenching and fixing of G.I. pipes of different sizes/DWC pipes in hard rocky area up to a depth of 0.3 M to 0.6 M or at places as per instruction of site Engineer and concreting [1 : 3 : 6] up to height of 100 mm above the pipes. G.I. pipes with the socket/ DWC pipes shall be supplied by the Railway. All other materials required for the works shall be supplied by the contractor. Note: [1] In case of girder bridges, G.I. pipes shall be suitably clamped by the contractor as advised by the site Engineer. Clamps shall be supplied by the contractor. [2] The work including excavation of trenches in hard rock area up to a depth of 0.3 M to 0.6 M and back filling, ramming after completion of work where ever required. [3] In case of concrete bridges clearing of ballast for laying of pipes and re arranging the Railway ballast after completion of work shall be done by the contractor.	6	400.00	Metre	₹ 479.70	₹ 1,91,880.00
123	A3- Execution of S&T Outdoor works	Description:- Laying of Signalling/4 Quad/ 6 Quad/ Power Cable/Telecom cables/ Jelly filled cables of all sizes in excavated trench, through GI/RCC/DWC pipes etc. wherever required. This includes transportation of cables from the stores to work site and transportation of empty cable drums with left over cables from site to the stores at . The length of cable laid includes the length of cable coil for termination purpose. NOTE: The cables are to be carefully handled during loading, un-loading and transportation to work site. Any damage found in the cable after final testing, in view of mishandling of cables, shall be made good by the Tenderer. Cable should be maggered before and after laying and recorded in a register and submitted to the site Engineer.	7	410.00	Kilometre	₹ 21,950.10	₹ 89,99,541.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
124	A3-Execution of S&T Outdoor works	Description:- Excavation of trenches including clearing of roots of trees etc. in rocky areas with chisel cutting up to a depth of 0.6 M and width of 0.3 M at the bottom. This includes concreting (1 : 1.5 : 3) at a height of 100 mm after laying of cables as per instruction of site Engineer and back filling of trench by digging. All materials including cement and chips of size 20 mm. etc. to be supplied by the contractor.	8	650.00	Metre	₹ 641.70	₹ 4,17,105.00
125	A3-Execution of S&T Outdoor works	Description:- Transportation, excavation of pit, casting of foundation, plastering and erection of Steel Apparatus case (full size) with fixing of E-Type lock, wiring, cable entry, termination clamping, filling cable pit with sand, painting and lettering etc., as per Drg.No. S&T/CON/SK/16. This includes earth work and/or masonry work required for securing the apparatus case as per site condition. Railway will supply apparatus case with 'E' type lock only from Railway stores at. Tenderer will supply all wiring materials, PBT Terminals, fuses, fuse blocks, bus bars, hylum sheet ISI mark [6mm thickness], wood plank board of good quality [minimum 3/4" thick, Cement and transport all the materials to site of work at his own cost. The wiring materials such as wire coils, PBT terminals, fuses, fuse block, etc. should be used from RDSO approved sources. 1) Modification of inside arrangement of Apparatus cases if required for fixing of relays/transformers etc. shall be done by the contractor. Extra shelf, if any, shall be deposited to the Railway stores by the contractor. 2) All cables shall be terminated by providing copper eyelet of suitable size. Note:-(i) If location box foundation is available at site 20% of the cost is to be deducted.(ii) 40% payment shall be released after erection of location boxes.	9	275.00	Numbers	₹ 17,494.20	₹ 48,10,905.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
126	A3- Execution of S&T Outdoor works	Description:- Horizontal direction drilling/boring without damage of surface of road/track formation. The bore shall be 150 mm dia. and shall beat the proper depth as per site conditions decided by Engineer-in-charge. The ground level shall be considered ignoring the bank height of the bank of the road. The length of the bore shall be minimum 04Mtrs long. This include insertion of different dia. DWC/GI/HDPE pipes coupling etc as per requirement at site and as per direction of Engineer-in-charge. This includes supply of HDPE pipe of 110 mm dia, Pressure rating: PN 10, Material grade: PE 80 and wall thickness:10.0 to 11.1 mm, colour: Black with blue stripes confirming to spec IS 4984:1995 and latest. Inspection by RITES. Contractor shall provide all material required for boring and adequate nos. of labourers for proper laying of cables in to the bore. Cable shall be laid cautiously so that it should not get damage due to rough handling and pressure on cable. as per technical specification gaiven at Section-H, Chapter-8.	10	6200.00	Metre	₹ 2,355.99	₹ 1,46,07,156.60

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
127	A3- Execution of S&T Outdoor works	Description:- Transportation, excavation of pit, casting of foundation, plastering and erection of Steel Apparatus case (Half size) with fixing of E-Type lock, wiring, cable entry, termination clamping, filling cable pit with sand, painting and lettering etc., as per Drg.No. S&T/Con/BBS/92/90. This includes earth work and/or masonry work required for securing the apparatus case as per site condition. Railway will supply apparatus case with 'E' type lock only. Tenderer shall supply all wiring materials, PBT Terminals, fuses, fuse blocks, bus bars, hylum sheet ISI mark [6mm thickness], wood plank board of good quality [minimum 3/4" thick, cement and any other materials that are required for the work at his own cost. Contractor has to transport all the materials from store at his own cost to the work site. The wiring materials such as wire coils, PBT terminals, fuses, fuse block, etc. should be used from RDSO approved sources. 1) Modification of inside arrangement of Apparatus cases if required for fixing of relays/transformers etc. shall be done by the contractor. Extra shelf, if any, shall be deposited to the Railway stores by the contractor. 2) All cables shall be terminated by providing copper eyelet of suitable size. Note:-(i) If location box foundation is available at site 20% of the cost is to be deducted. (ii) 40% payment shall be released after erection of location boxes.	11	70.00	Numbers	₹ 8,767.80	₹ 6,13,746.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
128	A3-Execution of S&T Outdoor works	Description:- Supply, Transportation and Installation of earth electrode (make TATA or Jindal as per Rly. practice) including MS flat for signalling equipments on lever frame, apparatus cases, signal, relay racks, cable termination rack, block instrument etc. (supply & installation of earth electrode as per drawing no. RE/S&T/DRG/Tender/SK/398/94 for apparatus cases, signal post & other equipments as per instruction on earthing of S&T equipment. Laying of earth lead mild steel flat of size 35mmx6mm and fixing of lead MS flat (make TATA/Jindal or Similar) to earth electrode and lever frame, signal post & apparatus cases as per Drg. No. CORE/S&T/ALD/SK/591/2008, 592/2008 and 593/2008 respectively and instructions on earthing at S&T equipment and providing cement enclosure for earth electrode as per drawing no. RE/S&T/Sig./Tender/SK/13/85 Alt. A). Inspection by representative of Railways. NOTE: This includes testing of earth value and indicating the same on the Earth enclosure by paint.	12	340.00	Numbers	₹ 11,075.40	₹ 37,65,636.00
129	A3-Execution of S&T Outdoor works	Description:- Transportation of Position Light Shunt Signal complete with post, units, bases and other fittings; excavation of pit, casting of concrete foundation (1 : 3 : 6) as per Drg. No. CON/SK/T/13, complete fittings of signal including termination of cables, wiring, focusing and testing. Railway will supply position light shunt signal with base from store. Tenderer shall supply all other materials required for the work.	13	52.00	Numbers	₹ 4,385.70	₹ 2,28,056.40

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
130	A3- Execution of S&T Outdoor works	Description:- Transportation of signal posts for multiple aspect color light signals, complete with signal units, bases, ladders and other fittings, excavation of pit, casting of cement concrete foundation, plastering as per Drg.No Con/SK/T/12, erection and fixing of complete fittings of the 2/3/4 aspect signal/signal posts including termination of cables, wiring, LED fixing, signal testing and focusing. Name plate & marker and all other materials shall be provided by the contractor at his own cost. Required cement shall be supplied by the contractor. Arrangement of Screening to be provided by the contractor if required as instructed by site Engineer. Contractor shall prepare jointly with Railway Engineer at site and submit Signal Sighting report and Signal test report as per approved format of Railway. NOTE: (i) 50 % Payment shall be released after erection of signal post. Balance 50 % shall be released after termination of cable, wiring, painting, testing & focusing of signal. (ii) If foundation is available at site 30% of the cost is to be deducted.	14	183.00	Numbers	₹ 18,837.90	₹ 34,47,335.70
131	A3- Execution of S&T Outdoor works	Description:- Supply, transportation, foundation, erection, painting and lettering of SLB/BSLB, warning/sighting board of standard size etc, with 6" (minimum) G.I channel iron support of appropriate length as per G&SR, SEM and IP. This includes excavation of pit as per approved drawing of the railway for casting of foundation (ratio 1 : 3 : 6). All the materials required for above work shall be supplied by the contractor. Note: SLB/BSLB shall be fitted with ladder as per standard practice. Inspection of SLB/BSLB, warning board by the representative of the Railway.	15	12.00	Numbers	₹ 11,928.60	₹ 1,43,143.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
132	A3-Execution of S&T Outdoor works	Description:- Supply, transportation, foundation, erection, painting and lettering of legend board, stop board etc with 4" [minimum] GI channel iron support length as per G &SR , SEM and IP. This includes excavation pit as per approved drawing of the railway for casting of base foundation [ratio 1 : 3 : 6] . all the materials required for the above works shall be supplied by the contractor. Note: approximate size of the legend board shall be 24" X 18" X 1/5". Inspection of legend board, stop board etc shall be done by representative of the Railway.	16	137.00	Numbers	₹ 2,382.30	₹ 3,26,375.10
133	A3-Execution of S&T Outdoor works	Description:- Transportation and erection of rail post of size 2mtr length approximately with sole plate of size 40cmx40cmx6mm(thickness) welded at the bottom, concreting the post 1:2:4 and painting(2 coats)as per directives of Railways this includes welding of 50mm dia GI pipe of length 2mtr sole plate and fixing of EM socket box with the railpost .Emergency socket box and railpost with sole plate shall be supplied by the Railways .All other materials including cement shall be supplied by the contractor.This includes drawl of PIJF cables for terminations inside the EM box, wiring and testing of EM Socket.	17	35.00	Numbers	₹ 3,663.90	₹ 1,28,236.50
134	A3-Execution of S&T Outdoor works	Description:- Concreting (Mix 1:2:4) 200 mm x 200 mm on G.I. Pipes on bridges/ culverts or any other location as specified by the Rly. supervisor. All materials including cement required for the above works are to be supplied by the tenderer.	18	350.00	Metre	₹ 305.10	₹ 1,06,785.00
135	A3-Execution of S&T Outdoor works	Description:- Concreting (1:1.5:3) at a height of 150 mm & width of 0.3 m after laying of cables where it is not possible to dig up to full depth of 1.2m/1.0m/0.8m in normal soil due to existing cables are in the trench, culverts, bridges. All materials including cement and chips of size 20mm. etc. to be supplied by the contractor. Payment for the depth of trench to be paid in proportionate to the rate specified	19	170.00	Metre	₹ 468.90	₹ 79,713.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		for 1.2 mtr depth (excluding the concreting rate).					
136	A3-Execution of S&T Outdoor works	Description:- Supply, transportation, and installation of RCC joint chamber with two piece top cover and bottom cover with hole for drainage and cable entry as per drawing No.RCIL/ER/DRG-02/06 (Section-H). This includes trenching for joint pit, back filling and ramming of pit after placing the joint closure and cable loop in the chamber without causing damage to the same and consolidation of soil as well as disposal of excess soil.	20	5.00	Numbers	₹ 10,040.40	₹ 50,202.00
137	A3-Execution of S&T Outdoor works	Description:- Supply, transporting and positioning of good quality full bricks length wise inside the trenches for separation between Signalling and power cable at the 04 [Four bricks] per meter.	21	5100 0.00	Numbers	₹ 4.50	₹ 2,29,500.00
138	A3-Execution of S&T Outdoor works	Description:- Entry and Termination of cable, wiring, painting, testing & focusing of signal 2/3/4 aspects in existing signal posts. Name plate & marker shall be provided by the contractor at his own cost. All materials for wiring and termination of cable to be supplied by the contractor.	22	29.00	Numbers	₹ 2,483.10	₹ 72,009.90
139	B2-Supply of S&T Equipment's	Description:- Supply of Shunt Signal Position Light, ground type independent complete as per RDSO Spec No. RDSO/SPN/153/2011 with base, hoods, number plate, Post wire mesh, post to Drg. No. SA- 23840 (Adv) latest for shunt signal, SA-23202 for base, IRS:S-6/81 for post. Inspection by RITES.	1	44.00	Set	₹ 19,695.60	₹ 8,66,606.40
140	B2-Supply of S&T Equipment's	Description:- Supply of Shunt Signal Position Light, dependent post type complete as per RDSO Spec No. RDSO/SPN/153/2011 with offset bracket 90 mm dia to suit 140 mm dia post to Drg. No. SA- 23840(Adv.) with latest amendments for shunt signal & SA-23040/M for offset bracket 90 mm. Inspection by RITES.	2	38.00	Numbers	₹ 14,412.60	₹ 5,47,678.80
141	B2-Supply of S&T Equipment's	Description:- Supply of Calling On Signal [CLS type] as per RDSO Spec No. RDSO/SPN/153/2011 with Drg.No. SA-24351[Adv], IRS: S-10/78 & S-26/64 complete with 'U' clamps without lenses (Amended up to date). Inspection by RITES.	3	65.00	Numbers	₹ 11,947.50	₹ 7,76,587.50

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
142	B2-Supply of S&T Equipment's	Description:- a) Supply of junction direction 5 lamp type route indicator without lenses, lamps with 3 arms complete as per Drg No-SA-23401-6 (Adv) with latest amendment . Specification No IRS-S-66/84 amnd. 1. Inspection by the RITES. Note : 80% payment made after supply of material (this amount will be paid as per payment clause of supply of materials as para 16.3 of payment clause of Chapter -4 in Tender Document) and balance 20% payment made after commissioning of above work.	4a	47.00	Numbers	₹ 37,326.60	₹ 17,54,350.20
143	B2-Supply of S&T Equipment's	Description:- "b) Supply & Installation of Multi Lamp Route Indicator (LED double digit) from 1 to 19 with white LED. The materials will be supplied as per the following specification: 1) Double digit LED Route indicator capable of displaying 1 to 19 Routes & Route ""G"". 2) Visibility of 300 Mtrs in clear day light. 3) Option for white colours, chromaticity as per BS: 1376 standard. 4) Built with robust AlInGaP, InGaN LED's with junction temperature > 100 degree centigrade. 5) Lamp proving compatible with normal build type multi lamp route indicators. 6) Retrofits the existing conventional Multi Lamp Route Indicators. 7) Input Operating Voltage 110V AC +25%. 8) Uniform Intensity over entire operating range. Operating temperature -10 degree centigrade to +60 degree centigrade. This also includes supply of Housing Rack. Make: M/s Efftronics System Pvt. Ltd., Vijayawada. Inspection by RITES. " Note : 80% payment made after supply of material (this amount will be paid as per payment clause of supply of materials as para 16.3 of payment clause of Chapter -4 in Tender Document) and balance 20% payment made after commissioning of above work.	4b	3.00	Numbers	₹ 1,01,253.60	₹ 3,03,760.80

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
144	B2-Supply of S&T Equipment's	Description:- (a) Supply of Signal colour light multi unit as per specification No: IRS: S-26/64 with latest amendment as per RDSO Spec No. RDSO/SPN/153/2011 long range working on 110 V- AC 50 Hz complete 4-Aspect suitable for 140 mm dia. post as per Drg.No:SA-23001 A/M, (Adv). Inspection by RITES.	a	103.00	Numbers	₹ 34,289.10	₹ 35,31,777.30
145	B2-Supply of S&T Equipment's	Description:- (b) Supply of Signal colour light multi unit as per specification No: IRS: S-26/64 with latest amendment as per RDSO Spec No. RDSO/SPN/153/2011 long range working on 110 V- AC 50 Hz complete 3-Aspect suitable for 140 mm dia. post as per Drg.No:SA-23002 A/M [Adv]. Inspection by RITES.	b	35.00	Numbers	₹ 26,244.90	₹ 9,18,571.50
146	B2-Supply of S&T Equipment's	Description:- (c) Supply of Signal colour light multi unit as per specification No: IRS: S-26/64 with latest amendment as per RDSO Spec No. RDSO/SPN/153/2011 long range working on 110 V- AC 50 Hz complete 2-Aspect suitable for 140 mm dia. post as per Drg.No:SA-23003 A/M [Adv]. Inspection by the RITES.	c	46.00	Numbers	₹ 17,173.80	₹ 7,89,994.80
147	B2-Supply of S&T Equipment's	Description:- (a) Supply of 3.6 Mts. CLS tubular steel post specification No. IRS: S-6/81 with latest Amnd to suit 140 mm dia base. Inspection by the RITES.	a	39.00	Numbers	₹ 9,565.20	₹ 3,73,042.80
148	B2-Supply of S&T Equipment's	Description:- (b) Supply of 4.6 Mts CLS tubular steel post specification No. IRS: S-6/81 with latest Amnd to suit 140 mm dia base. Inspection by the RITES.	b	145.00	Numbers	₹ 10,496.70	₹ 15,22,021.50
149	B2-Supply of S&T Equipment's	Description:- Supply of Signal Base 140 mm dia [Type tube] Drg. No. S-2011/M. Inspection by the RITES.	7	184.00	Numbers	₹ 4,521.60	₹ 8,31,974.40
150	B2-Supply of S&T Equipment's	Description:- Supply of Ladder 3.5 meter for CLS post as per Drg. No. SA: 23150 [Adv] Alt-1, specification No. IRS: S-10/78 (with latest Amendment) consisting of ladder base, platform and guarding, ladder support complete. Inspection by the RITES.	8	39.00	Numbers	₹ 5,170.50	₹ 2,01,649.50

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
151	B2-Supply of S&T Equipment's	Description:- Supply of Ladder 4.5 meter for CLS post as per Drg. No. SA: 23153 [Adv] Alt-1, specification No. IRS: S-10/78 (with latest Amendment) consisting of ladder base, platform and guarding, ladder support complete. Inspection by the RITES.	9	145.00	Numbers	₹ 7,362.90	₹ 10,67,620.50
152	B2-Supply of S&T Equipment's	Description:- Supply of Bracket Off set 140 mm outside dia. for colour light signal post as per IRS:S- 10-78 and Drg.No:SA-23080. Inspection by the RITES.	10	51.00	Numbers	₹ 2,731.50	₹ 1,39,306.50
153	B2-Supply of S&T Equipment's	Description:- Supply of Track lead junction box made of glass fibre reinforced plastic Drg. No. SI- 10272, Alt-C, specification No. RDSO/SPN/151/1997. Inspection by the Representative of Railway.	11	570.00	Numbers	₹ 1,530.90	₹ 8,72,613.00
154	B2-Supply of S&T Equipment's	Description:- Supply of Track feed resistance 30 Ohms [2,4,8,16 Ohms] Drg, No. SA-20161- 66 /M and Spec IRS:23/88 (with latest amendment) with PBT base. Inspection by the Representative of Railway. Track feed resistance should be supplied from only RDSO approved sources.	12	182.00	Numbers	₹ 360.90	₹ 65,683.80
155	B2-Supply of S&T Equipment's	Description:- Supply of Track feed battery charger input 110VAC, 50 +/-2 Hz with boost and trickle charging for 1 to 4 cells of 80AH, 10A capacity as per spec. No: IRS:S-89/2013 Ver. 1 or latest. Inspection by RDSO.	13	182.00	Numbers	₹ 6,191.10	₹ 11,26,780.20
156	B2-Supply of S&T Equipment's	Description:- Supply of Choke coil type-B, impedance 120 Ohms and resistance 3 Ohms DC [For feed end and Relay end], specification No. IRS: S-65/83 Amnd. 3 or latest. Inspection by RDSO.	14	364.00	Numbers	₹ 3,661.20	₹ 13,32,676.80
157	B2-Supply of S&T Equipment's	Description:- Supply of low maintenance lead acid secondary cells of capacity 2 V - 80 AH with nuts, bolts, interconnector, ceramic vent plug, battery float etc. Specification No. IRS: S-88/2004 with latest amendment with connectors, nuts, bolts, vent plugs, etc. Inspection by RDSO.	15	546.00	Numbers	₹ 3,454.20	₹ 18,85,993.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
158	B2-Supply of S&T Equipment's	Description:- Supply of Relay AC Immune, plug-in type, style 'QNA1', Neutral line, 24V DC 8F/8B contacts, Front and back contacts metal to carbon, complete with plug board, retaining clip and connectors conforming to BRS:931A, IRS: S@45<44@ IRS: S@45"44@ IRS: S-23 (As applicable). Interlocking code: ABDGH. Inspection by RDSO.	16	450.00	Numbers	₹ 5,785.20	₹ 26,03,340.00
159	B2-Supply of S&T Equipment's	Description:- Supply of Relay AC Immune, plug-in type, style 'QNA1', Neutral line, 24V DC 12F/4B contacts, Front and back contacts metal to carbon, complete with plug board, retaining clip and connectors conforming to BRS:931A, IRS S@45<44@ IRS: S@45"44@ IRS: S-23 (As applicable). Interlocking code: ABDFH Inspection by RDSO.	17	430.00	Numbers	₹ 5,785.20	₹ 24,87,636.00
160	B2-Supply of S&T Equipment's	Description:- Supply of Relay AC Immune, plug-in type, style 'QSPA1', DC, Neutral line, slow to pick up, 24V DC, 8F.4B contacts, Front and back contacts metal to carbon, complete with plug board, retaining clip and copper annealed connectors conforming to BRS:933A, IRS: S@45<44@ IRS: S@45"44@ IRS: S-23 (As applicable). Inspection by RDSO. Interlocking code: ABDEJ	18	182.00	Numbers	₹ 5,964.30	₹ 10,85,502.60
161	B2-Supply of S&T Equipment's	Description:- Supply of Relay AC Immune, plug-in type, style 'QTA2', DC Neutral track, 9 ohms, 2F/1B contacts, Front and back contacts metal to carbon, complete with plug board, retaining clip and copper annealed connectors conforming to BRS:939A, 966-F2, IRS: S@45"44@ IRS: S-23. Inspection by RDSO. Interlocking code: FGHKX.	19	182.00	Numbers	₹ 4,339.80	₹ 7,89,843.60

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
162	B2-Supply of S&T Equipment's	Description:- a] Supply of Relay Non-AC immune , plug in type, style QN1, neutral line, 24V or 50V DC, 8F/8B contacts metal to carbon with plug board, retaining clip and connectors confirming to BRS: 930, IRS: S-34 and IRS: S-23 (As applicable). The interlocking code for this unit shall be ABCDF for 24V and ABDEF for 50V. Inspection by RDSO. NOTE:- Depending upon the EI System, the operating voltage of the relay may change. Accordingly the quantity of relays of different operating voltage needs to be approved by railways on request of the OEM of EI System. The contractor shall supply the compatible relays at the same rate.	a	450.00	Numbers	₹ 5,571.00	₹ 25,06,950.00
163	B2-Supply of S&T Equipment's	Description:- b] Supply of Relay Non-AC immune, plug in type, style QN1, neutral line, 24V or 50V DC, 12F/4B contacts metal to carbon with plug board, retaining clip and connectors confirming to BRS: 930, IRS: S-34 and IRS: S-23 (As applicable). The interlocking code for this unit shall be ABCDE for 24V and ABCEF for 50V. Inspection by RDSO. NOTE:- Depending upon the EI System, the operating voltage of the relay may change. Accordingly the quantity of relays of different operating voltage needs to be approved by railways on request of the OEM of EI System. The contractor shall supply the compatible relays at the same rate.	b	430.00	Numbers	₹ 5,571.00	₹ 23,95,530.00
164	B2-Supply of S&T Equipment's	Description:- Supply of Relay Non AC Immune Plug in Type Style QL1 magnetically latched, Neutral line 24 V DC , 11 F/4B Contacts metal to carbon , complete with plug board, retaining clips and copper annealed connectors conforming to BRS :935A, IRS-S@45"44@ IRS;S-23. Interlocking code: ABDEG. Inspection by RDSO.	21	170.00	Numbers	₹ 9,318.60	₹ 15,84,162.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
165	B2-Supply of S&T Equipment's	Description:- Supply of Relay plug-in type Point Contactor relay AC immune plug in type style QBCA1 DC based contactor ,24 V DC with 2 HF ,4B contacts ,Heavy duty metal to carbon front contacts and back contacts metal to carbon ,complete with plug board retaining clip and connectors confirming to BRS : 943 ,IRS S@45"44@ and IRS S -23. Interlocking code for this unit shall be BCEJK. Inspection by RDSO.	22	324.00	Numbers	₹ 9,003.60	₹ 29,17,166.40
166	B2-Supply of S&T Equipment's	Description:- Relay plug in type , Style AC-LED: ALL aspect, AC lamp proving Relay unit with in built current transformer type, slow release neutral line relay, 4F/4B contact , front and back contact metal to carbon shall be suitable for working in series with 110V AC, LED signal lamp rated at 15W conforming to RDSO Spec No- STS/E/Relay/AC lit LED/signal/09-2002, Amdt. 1, BRS:941A, IRS:S:34 & IRS:S:23 {as applicable}. The interlocking code for this unit shall be ABDHK. Inspection by RDSO.	24	819.00	Numbers	₹ 7,090.20	₹ 58,06,873.80
167	B2-Supply of S&T Equipment's	Description:- Supply of Electric key transmitter with different key ward as per requirement as per Drg.No. SA-22601 [Adv], Alt-4 for rotary key transmitter, SA-3577 (M) for Key and IRS:S:21/01. Ward No shall be specified by Railways. Inspection by RDSO	25	70.00	Numbers	₹ 10,795.50	₹ 7,55,685.00
168	B2-Supply of S&T Equipment's	Description:- Supply of Steel Apparatus case 'large Size' as per Drg. No - CON/SK/1/1/86 and Spec.No. IRS:S-10/78 (adv) with latest amnd. with "E" type lock and key of ward No-32 with handle. Inspection by RITES.	26	275.00	Numbers	₹ 38,256.30	₹ 1,05,20,482.50
169	B2-Supply of S&T Equipment's	Description:- Supply of Steel Apparatus case 'Half Size' as per Drg.No.S&T/CON/BBS/92/90 with 'E' type lock & Key. Ward No. 32. Inspection by RITES.	27	70.00	Numbers	₹ 23,281.20	₹ 16,29,684.00
170	B2-Supply of S&T Equipment's	Description:- Supply of Electric Point Machine Non-Trailable type confirming to Spec. No. IRS-S 24/2002 amendment-1 or latest with 220 mm throw as per Drg. No. RDSO/S-11000, 3395 along with ground connection and clamp lock set as per drawing RDSO Spec. No. S-3454 and Standard tool kit set for	28	108.00	Numbers	₹ 1,56,467.70	₹ 1,68,98,511.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		every 4 point machines. Inspection by RDSO.					
171	B2-Supply of S&T Equipment's	Description:- Supply of junction boxes with covers and terminal plates 24/30 way to suit Drg. No- 23967/1 (as amended up to date) and IRS: S-10/78. This includes supply of PBT terminal. Inspection by the Representative of Railway.	29	92.00	Numbers	₹ 9,311.40	₹ 8,56,648.80
172	B2-Supply of S&T Equipment's	Description:- Supply of VF transformer 470:1120 (rack mountable) as per Spec No- IRS:TC 22/76 with latest Amnd. Inspection by the Representative of Railway.	30	45.00	Numbers	₹ 2,791.80	₹ 1,25,631.00
173	B2-Supply of S&T Equipment's	Description:- Supply of active Lightning Arrester of Class A for building protection as per standard NFC 17-102. It shall work on early streamer emission principle and shall be made of stainless steel with a Time period of 60 micro sec. The dimensions of the device shall be 590X120mm. provision shall be there to test this device if necessary by an external tester. A non resettable type counter shall be supplied to count the number of lightening occurrences. Inspection by RITES. Note: This includes supply of GI mast supplied by OEM as per specification of OEM.	31	19.00	Set	₹ 1,84,548.60	₹ 35,06,423.40
174	B2-Supply of S&T Equipment's	Description:- Supply of Surge protection Devices complete with all accessories, fixtures as per the following description as per given in Chapter -8 of Section - H. Inspection by the Representative of Railway. [a] Surge Protection Device for 230 V AC input to PC, complete with enclosure and connected wire as per technical specification No:RS-SPD-5.	a	10.00	Numbers	₹ 9,774.90	₹ 97,749.00
175	B2-Supply of S&T Equipment's	Description:- [b] Surge protection Device for 110V AC input to signals complete with connected wire as per technical specification No:RS-SPD-7 .	b	9.00	Numbers	₹ 9,774.90	₹ 87,974.10
176	B2-Supply of S&T Equipment's	Description:- [c] Surge protection Device for 110V DC input to IPS Goomty, complete with connected wire as per technical specification No:RS-SPD-7.	c	9.00	Numbers	₹ 9,774.90	₹ 87,974.10

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
177	B2-Supply of S&T Equipment's	Description:- [d] Surge Protection Device for 24V DC supply complete with connected wire as per technical specification No: TS-SPD-3.	d	24.00	Numbers	₹ 9,774.90	₹ 2,34,597.60
178	B2-Supply of S&T Equipment's	Description:- [e] Surge Protection Device for 12V DC supply complete with connected wire as per technical specification No: TS-SPD-3.	e	6.00	Numbers	₹ 9,774.90	₹ 58,649.40
179	B2-Supply of S&T Equipment's	Description:- Supply of Block filter unit as per RDSO Spec no.IRS-S-68/89 or latest. Inspection by RDSO.	33	13.00	Numbers	₹ 36,903.60	₹ 4,79,746.80
180	B2-Supply of S&T Equipment's	Description:- Supply of Tokenless Block Instrument, Single line handle type RE standard with inbuilt TX and RX and 24 Nos. of Q-style Relays, along with one spare TX & RX as per specification No: IRS:S:98/2001 amendment 3 or latest. Inspection by RDSO.	34	6.50	Pair	₹ 13,21,131.60	₹ 85,87,355.40
181	B2-Supply of S&T Equipment's	Description:- Supply of Datalogger complete to spec No-IRS:S:99/2006 AMD. 3 or latest with configuration of 1024 digital inputs and 64 Analog inputs with self power supply system, protocol converters as required etc with networking facilities. Inspection of Data Logger by RDSO & balance item by representative of Railway. This includes supplying of two Nos. of door sensors for each Data logger. Inspection by the Representative of Railway.	35	1.00	Numbers	₹ 7,40,138.40	₹ 7,40,138.40
182	B2-Supply of S&T Equipment's	Description:- Supply of Datalogger complete to spec No-IRS:S:99/2006 AMD. 3 or latest with configuration of 512 digital inputs and 64 Analog inputs with self power supply system, protocol converters as required etc with networking facilities. Inspection of Data Logger by RDSO & balance item by representative of Railway. This includes supplying of two Nos. of door sensors for each Data logger. Inspection by the Representative of Railway.	36	11.00	Numbers	₹ 5,21,571.60	₹ 57,37,287.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
183	B2-Supply of S&T Equipment's	Description:- Supply of Remote terminal unit with 128 digital & 16 analog inputs with modem as per RDSO spec. No. - IRS-S-99/2006 or latest. Inspection by RDSO. This includes supplying of two Nos. of door sensors for each Data logger. Inspection by the Representative of Railway.	37	11.00	Numbers	₹ 2,72,188.80	₹ 29,94,076.80
184	B2-Supply of S&T Equipment's	Description:- Supply of Data concentrator along with one dual card modem. Inspection by representative of Railways.	38	2.00	Numbers	₹ 1,28,678.40	₹ 2,57,356.80
185	B2-Supply of S&T Equipment's	Description:- Supply of CMU/maintenance console (computer and printer) as per following configuration: PC make Dell/HP/Lenovo with 10th generation or latest Intel (R) Core i5 - processor (3M Cache, 3.6GHz) or latest, 8 GB single channel DDR3 1600MHz - 1DIMM, 1 TB 7200 rpm SATA 6Gb/s Hard drive, Windows 10 Professional or latest with Microsoft office, Monitor 20" (19.5 Inch VIS), E2014H, DVI/VGA, Intel (R) HD Integrated graphics Video card, 16xCD/DVD burner (DVD +/- RW) write to CD/DVD, 32 GB pen drive, UPS with minimum 6 hours battery backup for central monitoring unit, Quick heal total Security antivirus or similar 24 month subscription, EM (ROA) NMDL Software module, 3Nos Serial ports. Printer: make EPSON M100/HP laser jet 1020 plus or similar. One year site service warranty in Computer and Printer. Inspection of CMU by RDSO. This also includes supply of one set of computer table and chair (Make Godrej). Inspection of table and chair by Representative of Railway.	39	4.00	Numbers	₹ 1,32,128.10	₹ 5,28,512.40
186	B2-Supply of S&T Equipment's	Description:- Supply of Work station for data input, configuration, simulation, functional testing, diagnostic and trouble shooting for commissioning of EI system. Work station shall be capable of reconfiguring the system in case of any alterations in the yard or in the interlocking in the future. Backup software should be given in CDs. The technical specification of work station is as	40	4.00	Numbers	₹ 1,69,430.40	₹ 6,77,721.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		given in Section-H , Chapter-08. Inspection by the Representative of Railway.					
187	B2-Supply of S&T Equipment's	Description:- Supply of 12 Volt, 150 AH SMF Battery, Make-Exide or Similar Accept Make-Exide. Inspection by the Representative of Railway.	41	1.00	Numbers	₹ 26,627.40	₹ 26,627.40
188	B2-Supply of S&T Equipment's	Description:- Supply of double walled corrugated pipe 6 mtr in length, 120 mm outer dia and 103 mm inner dia, with one suitable coupler conforming to RDSO Specification No. RDSO/SPN/204/2011 Version 1.1 Amdt 1 or latest for under ground cable protection . Colour-Orange. Inspection by the RITES. Note: If required, the DWC pipe shall be supplied split in two halves.	45	100.00	Numbers	₹ 3,705.30	₹ 3,70,530.00
189	B2-Supply of S&T Equipment's	Description:- Supply & Uploading of software for upgradation of Datalogger as per Spec. No. IRS:S-99/2006. Inspection by Representative of Railway.	46	2.00	Numbers	₹ 72,034.20	₹ 1,44,068.40
190	B2-Supply of S&T Equipment's	Description:- Supply of electrolytic copper tape of 25mmX2mm. or better for connecting class A devise to earth pit. Inspection by Representative of Railway.	47	380.00	Metre	₹ 844.20	₹ 3,20,796.00
191	B2-Supply of S&T Equipment's	Description:- Supply of Perforated G.I. pipe of 100 mm dia with socket. G.I. pipe of make TATA/JINDAL shall be as per IS: 1239 part-I/2004 Specification for medium gauge and shall be perforated by drilling 7 mm dia holes length wise in zig-zag manner staggered at a distance of 300 mm. Inspection by the RITES.	48	400.00	Metre	₹ 1,700.10	₹ 6,80,040.00
192	B2-Supply of S&T Equipment's	Description:- Supply of Hooter for LC Gate (12V DC/24V DC) with MS Box 3mm thickness. Inspection by the Representative of Railway.	49	3.00	Pair	₹ 3,258.00	₹ 9,774.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
193	B2-Supply of S&T Equipment's	Description:- Supply of Electrically operated Lifting barrier assembly complete with drive mechanism, motors etc.with push button type control panel, boom locking arrangement, crank handle complete with hand generator as per RDSO specification No.RDSO/SPN/208/2012 Ver. 2.0 or latest. Both the Booms shall be as per RDSO Drg. No.RDSO/S11600 of GI boom in octagonal shape with temporary cross section with telescopic structure.The total length of the boom shall be 9.76m(Maximum 4 sections joined by nut and bolts).Operating voltage of the gate should be 110V DC. Inspection by RDSO.Tool kit consisting of standard size of wrench/spanner and Allen keys should also be supplied with each set(02nos) of ELB. Note: Drg.No. RDSO/S-1160 inclusive of 2 stop boards, boom light boxes, MS counter weights, 2 Nos. boom support for resting boom, boom locking assembly, control panel	a	3.00	Numbers	₹ 5,11,723.80	₹ 15,35,171.40
194	B2-Supply of S&T Equipment's	Description:- Spare parts of Electrically operated Lifting barrier as per Annexure at Section - H. Inspection by RDSO.	b	3.00	Set	₹ 76,069.80	₹ 2,28,209.40
195	B2-Supply of S&T Equipment's	Description:- "Supply of SDH Add/drop (STM- I) short haul as per DOT Generic specification No: G/SDH-04/01 Feb 95 with latest amendment having in built cross connected capability at junction stations as per network diagram. The equipment shall be able to work upto a fibre length of minimum 60KM and shall be fully equipped to carry 21E1s and shall be usable as a terminal multiplexer where ever required, expandable upto a capacity of 63E1s along with connecting cable and accessories upgradable to STM- 4, Inspection by RDSO. Note: -1. Detail of sub-system to be provided is given in Section-H of chapter - 8 of tender document. 2. Equipment should be compatible to interface/networking with the existing equipment in section.	51	3.00	Numbers	₹ 2,63,679.30	₹ 7,91,037.90

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
196	B2-Supply of S&T Equipment's	Description:- "Supply of 2MB programmable primary digital drop insert multiplexer with conference facility as per IRS-TC-68-2012 ver 0 Amd.1 with latest amendments as on date of opening of technical bid and other technical specification with 30 channels (as per Section - H) in Krone modules/DDF modules. Inspection by RDSO. Detail of sub-system to be provided is given in Section-H of chapter - 8 of tender document. Note: - Equipment should be compatible to interface/networking with the existing equipment in section.	52	3.00	Numbers	₹ 1,69,396.20	₹ 5,08,188.60
197	B2-Supply of S&T Equipment's	Description:- "Supply of exchange end interface card as per specification No. TRS:TC- 68/2012 Rev 0 Amd 1 with latest amendments to be installed in primary drop insert multiplexer having minimum eight channels per station. Unit given for this item is number of stations. The cards are to be calculated and quoted accordingly. Inspection by RDSO."	53	4.00	Numbers	₹ 1,12,197.60	₹ 4,48,790.40
198	B2-Supply of S&T Equipment's	Description:- "Supply of subscriber line or hotline interface card as per specification no. IRS:TC- 68/2012 Rev 0 Amd 1 with latest amendments to be installed in primary drop insert multiplexer. Facility to drop four channels per station should be available. Unit given for this item is number of station. The required nos. of card are to be calculated and quoted accordingly. Inspection by RDSO."	54	6.00	Numbers	₹ 1,27,516.50	₹ 7,65,099.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
199	B2-Supply of S&T Equipment's	Description:- "Supply of Interface card for 2W/4W E&M VF interface as per specification no. IRS:TC-68/2012 Rev 0 Amd 1 with latest amendments (in omnibus or point to point mode for 24 channels. Number of cards are to be calculated as per note given below) Note: A total of 24 circuits are to be dropped in omnibus mode or point to point at each primary drop insert multiplexer. The cards offered by manufacturer may have different capacity i.e. Four channels/eight channels per card. The number of cards to be supplied should be sufficient to drop 24 channels at each primary drop insert multiplexer. The capacity of each card should be clearly mentioned. The unit given for this item is no. of stations. The required nos. of cards are to be calculated and quoted accordingly. Inspection by RDSO."	55	6.00	Numbers	₹ 1,87,575.30	₹ 11,25,451.80
200	B2-Supply of S&T Equipment's	Description:- "Supply of Cross Connect Card XA14ET suitable for Item STM-1 TJ1400 as per Technical Specification No. GR/SDH- 004/04 Jan 11. Inspection by RDSO."	56	1.00	Numbers	₹ 90,764.10	₹ 90,764.10
201	B2-Supply of S&T Equipment's	Description:- "Supply of SOT-18 Branching Card with minimum 02 Nos optical & 02 Electrical SFP modules compatible to work with TEJAS STM-1 & STM-4 TJ1400 as per Spec No. GR/TX/SDH-010/03 Jan 11. Inspection by RDSO."	57	1.00	Numbers	₹ 64,197.90	₹ 64,197.90
202	B2-Supply of S&T Equipment's	Description:- "Supply of 48v/50amp SMPS based Power Plant in (2+1) configuration using 3 nos of 48V/25A modules to charge the VRLA battery bank of 48V/200AH with lighting & surge protection as per RDSO specification No-RDSO/SPN/TC/23/99(ver-4) Amdt.1 or latest for telecom purpose. Inspection by RDSO."	58	2.00	Numbers	₹ 2,38,793.40	₹ 4,77,586.80
203	B2-Supply of S&T Equipment's	Description:- Supply of Maintenance Free Valve Regulated Lead Acid battery 48V-200AH as per Specn. No.IRS: S: 93/96 (A) (Consists of 24 Nos of 2V- 200Ah cells). Inspection by RDSO."	59	2.00	Numbers	₹ 2,16,182.70	₹ 4,32,365.40

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
204	B2-Supply of S&T Equipment's	Description:- "Supply of OFC patch cord of 10 mtrs length as Draft RDSO Specn. No. RDSO/SPN/TC/69/2007 or latest for connecting fiber to the equipment. Inspection by the Representative of Railway."	60	18.00	Numbers	₹ 4,779.90	₹ 86,038.20
205	B2-Supply of S&T Equipment's	Description:- "Supply of Telephone instrument with tone /pulse dialling, redialing facilities from TEC approved sources. Make-GE model No- EX 1926 8B or similar. Inspection by the Representative of Railway."	61	8.00	Numbers	₹ 1,353.60	₹ 10,828.80
206	B2-Supply of S&T Equipment's	Description:- Supply of Magneto Telephone Desk type to Specification No. IRS: TC-36/97 amd 2. or IRS:TC 79/2000 Amdt. 4 as per Railway requirement. Inspection by the Representative of Railway.	62	35.00	Numbers	₹ 6,585.30	₹ 2,30,485.50
207	B2-Supply of S&T Equipment's	Description:- Suppl of Universal Wayside DTMF Control Telephone 2W/4W as per RDSO specification NO.IRS-TC-82/2005 WITH AMENDMENT No.3 or Latest. Inspection by the Representative of Railway.	63	6.00	Numbers	₹ 9,132.30	₹ 54,793.80
208	B2-Supply of S&T Equipment's	Description:- Supply and transportation of Light weight portable control telephone combined type as per Spec No- IRS-TC 78/2000 amd 3. Inspection by the Representative of Railway.	64	2.00	Numbers	₹ 5,292.90	₹ 10,585.80
209	B2-Supply of S&T Equipment's	Description:- Supply of Thermo shrink jointing kit for underground cable as per Specn No. IRS: TC-77/2012 [Rev.3] Amd 3. (Cable jointing kit shall be procured from RDSO approved sources only). Inspection by RDSO.	65	20.00	Numbers	₹ 5,528.70	₹ 1,10,574.00
210	B2-Supply of S&T Equipment's	Description:- Krone type fibre box indoor surface installation complete with modules and locks suitable for 50 pair. Inspection by the Representative of Railway.	66	4.00	Numbers	₹ 6,698.70	₹ 26,794.80
211	B2-Supply of S&T Equipment's	Description:- Krone type fibre box indoor surface installation complete with modules and locks suitable for 20 pair. Inspection by the Representative of Railway.	67	4.00	Numbers	₹ 2,879.10	₹ 11,516.40
212	B2-Supply of S&T Equipment's	Description:- Krone type fibre box indoor surface installation complete with module and locks suitable for 10 pair. Inspection by the Representative of Railway.	68	4.00	Numbers	₹ 1,072.80	₹ 4,291.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
213	B2-Supply of S&T Equipment's	Description:- Supply of 20 pair Aluminium CT box to spec No-IRS:TC 18/75. Inspection by the Representative of Railway.	69	4.00	Numbers	₹ 1,372.50	₹ 5,490.00
214	B2-Supply of S&T Equipment's	Description:- Supply of 24 pair C.T.Box with WAGO make or similar Terminal block (Knife type cage clamp technology [Screwless] with spring loaded contact) having disconnection and reconnection facility, WAGO module is suitable for termination of cable from 0.4mm to 0.9mm dia. PIJF/Quad cable[Indoor type]. Inspection by the Representative of Railway.	70	12.00	Numbers	₹ 4,755.60	₹ 57,067.20
215	B2-Supply of S&T Equipment's	Description:- Supply of Emergency socket box of FRP Material approved type complete with 6 pin way female pin as per RDSO Spec. No. RDSO/SPN/TC/44/2002 Ver. 2 Amd 3 or latest amendment. Inspection by the Representative of Railway.	71	12.00	Numbers	₹ 2,857.50	₹ 34,290.00
216	B2-Supply of S&T Equipment's	Description:- Supply of multi strand (Red and black) insulated copper 7/20 mm wire. From RDSO Approved firm. Inspection by the Representative of Railway.	72	100.00	Metre	₹ 59.40	₹ 5,940.00
217	B2-Supply of S&T Equipment's	Description:- (I) Master telephone (One No.) with voice recorder (Model No. GTM 124 or similar), (II) slave telephones (3 nos.) (Model No. GTM-909S or similar), (III) 24V Power supply unit (01 no) Inspection by RDSO.	73	2.00	Set	₹ 1,01,193.30	₹ 2,02,386.60
218	B2-Supply of S&T Equipment's	Description:- Supply of one quad VF transformer assembly (cylindrical) (2T) for quad cable for derivation joint as per Spec No-TC 76/2000 Amendment 1 with latest amendment. Inspection by the Representative of Railway.	74	18.00	Numbers	₹ 2,682.00	₹ 48,276.00
219	B2-Supply of S&T Equipment's	Description:- Supply of Permanently lubricated two layer type HDPE duct, outer dia 40 mm, inner dia 33 mm with three end plugs and two couplers for every Km length of pipe in length of 500 m confirming to RDSO Spec. No. RDSO/SPN/TC/45/2013.Rev.2.0 Amendment 2.0 or latest. Inspection by RITES. Note: The HDPE Duct should be pre inserted	75	50.00	Kilometre	₹ 1,19,246.40	₹ 59,62,320.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		with 4 mm nylon rope, inside the HDPE Duct.					
220	B2-Supply of S&T Equipment's	Description:- Supply of Digital multimeter Fluke-287 or latest higher version with testing lead complete with case and spare set of batteries. Inspection by the Representative of Railway.	76	3.00	Numbers	₹ 1,02,810.60	₹ 3,08,431.80
221	B2-Supply of S&T Equipment's	Description:- PVC Switch board cable 20 pair/0.5mm,as per TEC Spec No- GR/WIR-06/03, MAR-2002 with latest Amendment. Inspection by the Representative of Railway.	77	300.00	Metre	₹ 87.30	₹ 26,190.00
222	B2-Supply of S&T Equipment's	Description:- PVC Switch board cable 10 pair/0.5mm,as per TEC Spec No- GR/WIR-06/03, MAR-2002 with latest Amendment. Inspection by the Representative of Railway.	78	300.00	Metre	₹ 54.00	₹ 16,200.00
223	B2-Supply of S&T Equipment's	Description:- Supply of optical fibre joint closure for straight through joint with modification for 24 fibre as per RDSO Specn No. RDSO/SPN/TC/68/2014, Revision 0.1 Amnd. 1 or latest. Inspection by the Representative of Railway.	79	12.00	Numbers	₹ 5,102.10	₹ 61,225.20
224	B2-Supply of S&T Equipment's	Description:- Supply of 4 wire way station equipment with telephone, DTMF Signalling as per Spec No- IRS:TC 60/2007 amendment 1 with latest amendment. Inspection by the Representative of Railway.	80	10.00	Numbers	₹ 7,676.10	₹ 76,761.00
225	B2-Supply of S&T Equipment's	Description:- Supply of AC/DC Digital clamp meter Fluke-376 or similar. Inspection by the Representative of Railway.	81	2.00	Numbers	₹ 75,294.90	₹ 1,50,589.80
226	B2-Supply of S&T Equipment's	Description:- Supply of Digital Earth Tester 0.01 to 99 Ohms. In 5 ranges 4 terminals type with all facilities WACO make or similar. Inspection by the Representative of Railway.	82	2.00	Numbers	₹ 21,894.30	₹ 43,788.60
227	B2-Supply of S&T Equipment's	Description:- Supply of Insulation resistance tester 500V DC 500 Mega Ohms hand generator type metal body to Spec. no. IS:2992 make WACO. Inspection by the Representative of Railway.	83	2.00	Numbers	₹ 16,071.30	₹ 32,142.60
228	B2-Supply of S&T Equipment's	Description:- "Supply and fixing of Fire Extinguisher CO2 type (Capacity 4.5 KG) Inspection by the Representative of Railway."	85	93.00	Numbers	₹ 7,353.90	₹ 6,83,912.70

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
229	B2-Supply of S&T Equipment's	Description:- Supply of Sliding Boom Type gate as per E.Rly/ Signal workshop/HWH's Drg. No.BSA/29/730, BSA/29/731, BSA/29/737. This includes supply of 8 nos 'E' type lock with key as per IRS Spec. No.IRS:S-30/64 with latest Amdt.key lock 'E' type as per drg. No.SA-3376/M with latest amdt. ward No.to be decided by the site engineer 'E' type lock to be fixed on MS plate as per site requirement. Inspection by RITES.	86	3.00	Set	₹ 2,20,011.30	₹ 6,60,033.90
230	B2-Supply of S&T Equipment's	Description:- Supply of TDM Multiplexer for conversion to E1 (MROTEKs MAPLE 4C or Similar) rack mountable device consisting of four E1 ports and three slots and one slot populated with 2W/4W E and M supporting upto eight interfaces balance two slots empty unit support both AC/DC power supply including 50 pin cable one number for supporting both 2W/4W E and M AC etc. This includes Installation, Testing & Programing as per site requirement. Inspection by RITES.	87	10.00	Numbers	₹ 1,00,628.10	₹ 10,06,281.00
231	B2-Supply of S&T Equipment's	Description:- Supply of High Power, Electronic Cable Route Tracer/ Pipe and Cable locating kit with 36 user configurable Active multi frequency options including 200Hz, 512Hz, 797Hz, 815Hz, 8kHz, 33kHz, 65kHz, 82kHz, 200kHz upto 476.2kHz, passive detection 50Hz for power cables, Radio Mode for locating metallic utilities whether energised or not, Current measurement, LCD Display with left-right arrow function , Modes: peak, peak with arrow, pin point peak and null modes, Compass function; Depth measurement. Supply includes locating receiver, Transmitter (Max power : 12Watt) with Li-ion Rechargeable Batteries for both Transmitter & Receiver, Battery charger, Induction Signal Clamp 4", supplied in a carry bag. Similar to 3M-Dynate/Radio detection/Stanlay Pathfinder LOC10. Inspection by RITES.	88	2.00	Numbers	₹ 3,41,269.20	₹ 6,82,538.40

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
232	B2-Supply of S&T Equipment's	Description:- Supply of 100 Pair Krone CT Box with LSA plus disconnecting modules, Make- M/s Krone Communication Bangalore. Inspection by the Representative of Railway.	89	2.00	Numbers	₹ 3,950.10	₹ 7,900.20
233	B2-Supply of S&T Equipment's	Description:- Supply of 19" 12U rack wall mount type. Inspection by the Representative of Railway.	90	2.00	Numbers	₹ 17,820.00	₹ 35,640.00
234	B2-Supply of S&T Equipment's	Description:- Supply of 48V Managed media converter (Ethernet/E1 to Optical) as per RDSO spec No. RDSO/SPN/TC/103, Rev 2.0 or latest SCADA working.	91	2.00	Numbers	₹ 2,31,044.47	₹ 4,62,088.94
235	B2-Supply of S&T Equipment's	Description:- Supply of 110V Managed media converter (Ethernet/E1 to Optical) as per RDSO spec No. RDSO/SPN/TC/103, Rev 2.0 or latest SCADA working.	92	2.00	Numbers	₹ 2,31,044.47	₹ 4,62,088.94
236	B2-Supply of S&T Equipment's	Description:- Supply of Two Port E1 module which can be accommodated in the Managed media converter to convert E1 to ETH for SCADA purpose similar	93	2.00	Numbers	₹ 19,205.21	₹ 38,410.42
237	B2-Supply of S&T Equipment's	Description:- Supply of power supply unit (2 Amps) as per RDSO's spec No- IRS-TC-72/97 amd. 1 with latest Amendment with 12 V/ 7 AH M.F. battery. Inspection by representative of Railway. However, Tenderer should submit Proof of Purchase, Test and Warranty Certificate issued by OEM at the time of Supply.	94	4.00	Numbers	₹ 4,478.40	₹ 17,913.60
238	B2-Supply of S&T Equipment's	Description:- Supply of Universal Locks with one key for every 10 locks. Inspection by the representative of Railway	95	130.00	Numbers	₹ 135.00	₹ 17,550.00
239	B2-Supply of S&T Equipment's	Description:- Supply of Steel Apparatus case 'quarter size' as per DRg. No. RE/S&T/SK/220/82 with 'E' Type lock and key. Ward No. 32. Inspection by RITES.	96	15.00	Numbers	₹ 5,225.40	₹ 78,381.00
240	B2-Supply of S&T Equipment's	Description:- Supply of RFID marker locator with built in GPS module/system, 1.5 M depth range, make Stanley/3M or Similar as per technical specification enclosed in Section-H. Inspection by RITES.	97	2.00	Numbers	₹ 3,42,306.00	₹ 6,84,612.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
241	B2-Supply of S&T Equipment's	Description:- Supply of Inverters for VDU-Pure Sine wave 24V/1700VA, Microcontroller based UPS, Make:Microtek or Similar. Inspection by the representative of Railway	98	3.00	Numbers	₹ 9,310.50	₹ 27,931.50
242	B2-Supply of S&T Equipment's	Description:- Supply of Tool Kit as under - (Ref :PCSTE/SC's Lr.No. SCR-HQ0SNT(SGPC)17/2020(e- 67555) dt.13-09-2024) 1. Digital Multi meter true RMS meter RISHB 6016 or similar 2. Insulated Screw Driver(Taparia make No.933) - 1 No. 3.Screw Driver (Taparia make No.9361)- 1 No. 4. Screw Driver (Taparia make No.8221) - 1 No. 5. ScrewDriver (Taparia make No.8241) - 1No. 6. Cutting Plier 6" (Taparia make)- 1 No. 7. Nose Plier 6" (Tapariamake) - 1 No. 8. Wire Stripper(Taparia make) - 1 No. 9. Fiber taper3 meters - 1 no. 10. Scale 12" (fortongue rail opening) - 1 No. 11.Hacksaw frame with balde 6", 4"width (for cutting cable) -1 No. 12.Universal key - 1 No. 13. InsulatedBox Spanner for 6 way terminal(13mm) (for opening ARA terminals)- 1 No. 14. Double end insulated spanner 10x11mm - 1 No. (For SGEdouble line Block Instrumenttermination block & batteryterminals) - 1No. 15. Double endinsulated spanner 13x12mm - 1 No.(For TLD Boxes & battery terminals) -1No. 16. Double End InsulatedSpanner 16x17mm - 1 No. (For TLDBoxes) 17. Double End InsulatedSpanner 18x19mm - 1 No. (For BPACcoils CEL) 18. Nylon Brush (Forcleaning purpose) - 1 No. 19. Voltagetester - 1 No. 20. Clamp meter TrueRMS for measuring AC/DC current - 1No. (UNIT-T make) 21. Ring Spannerinsulated 36x32 - 2 No. 22. StandardChisel - 1 No. 23. Pocker 24. Punch25. Tri colour LED Torch light(battery) - 1 No. 26. 36-48 Deinsulated spanner for TWS - 1 No. 27.Sealling plier 28. Allen Key set 29.32mm Taparia bit with Handle 30.TSR meter 31. Tool Bag 32. StandardTool Bag (CANVAS) - 1 No. 33.Insulated Double end spanner 30x32taparia make 1 No	99	4.00	Set	₹ 44,200.73	₹ 1,76,802.91

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		34 Insulated Double end spanner 32x36 taparia make 1 No. 35. Insulated Single end spanner 50 taparia make 1 No. Throw Spanner 36. Hammer 3.0 lbs - 1 No. 37. Chisel 6" (for cutting bond wire) - 1 No. 38 Pocker 8" (for removing bond wire, bond pin) - 1 No. 39 Screw Driver Heavy duty 12" with plastic handle (for opening of detector contacts - Taparia make) - 1 No. 40. Test Piece (Pt wedge piece) - 2 No. 41. Booden Block (60mm x 60mm) to provide between tongue & Stock rails during maintenance - 1 No. 42. Feeler Gauge - 1 Set. Note : this item shall be inspected by Consignee.					
243	B2-Supply of S&T Equipment's	Description:- Supply of electric track drilling machine similar to model no. WD-34C, RALLI WOLF Make with suitable horizontal stand with attachments to drill holes of various sizes up to 7mm to 13mm. (Inspection by Consignee)	100	3.00	Numbers	₹ 21,013.15	₹ 63,039.44
244	B2-Supply of S&T Equipment's	Description:- Supply of Dual Media converters. (Inspection: Consignee)	101	20.00	Numbers	₹ 40,356.00	₹ 8,07,120.00
245	B2-Supply of S&T Equipment's	Description:- Supply of Patch cards for media converters with length of 20Mtrs. (Inspection: Consignee)	102	40.00	Numbers	₹ 2,250.00	₹ 90,000.00
246	B2-Supply of S&T Equipment's	Description:- Supply of following items for Station:: (a) Supply of Feather lite table of Model No. V-MT 1890 & V-2D+1F or similar. Note : Prior approval shall be taken by officer before supply. Item shall be inspected by Consignee.	a	5.00	Numbers	₹ 28,212.64	₹ 1,41,063.21
247	B2-Supply of S&T Equipment's	Description:- (b) Supply of Godrej CH7 model or similar. Note : Prior approval shall be taken by officer before supply. Item shall be inspected by Consignee.	b	13.00	Numbers	₹ 3,833.17	₹ 49,831.24
248	B2-Supply of S&T Equipment's	Description:- (c) Supply of Godrej PCH5d13R model or similar. Note : Prior approval shall be taken by officer before supply. Item shall be inspected by Consignee.	c	8.00	Numbers	₹ 5,262.26	₹ 42,098.11
249	B2-Supply of S&T Equipment's	Description:- (d) Supply of Godrej PCH 5002T model or similar. Note : Prior approval shall be taken by officer before supply. Item shall be inspected by Consignee.	d	8.00	Numbers	₹ 10,180.13	₹ 81,441.07

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
250	B2-Supply of S&T Equipment's	Description:- (e) Supply of Godrej shelf storage of 916 x 486 x 1981 mm or similar .Prior approval shall be taken by officer before supply. Item shall be inspected by Consignee.	e	8.00	Numbers	₹ 25,260.97	₹ 2,02,087.73
251	B2-Supply of S&T Equipment's	Description:- (f) Supply of steel stools 18" height neatly finished and painted. Item shall be inspected by Consignee.	f	5.00	Numbers	₹ 466.51	₹ 2,332.53
252	B2-Supply of S&T Equipment's	Description:- (g) Supply of Fibre table of 4 Feet x 2Feet one number and fibre chairs two numbers. They should be of standard make and quality like Neelkamal or Similar. Item shall be inspected by Consignee.	g	21.00	Numbers	₹ 2,002.45	₹ 42,051.37
253	B2-Supply of S&T Equipment's	Description:- Supply of Aluminium Step ladder of 5 feet height of Bathla make or similar. Item shall be inspected by Consignee.	104	17.00	Numbers	₹ 8,702.39	₹ 1,47,940.60
254	B2-Supply of S&T Equipment's	Description:- Supply of Fail safe "Q" series electronic timer of 120/60 Sec. As per requirement of Railway (plug in type) as per Specn. No. IRS:S-61/2000, Amd-2 or Latest . Inspection by RDSO.	105	8.00	Numbers	₹ 3,243.60	₹ 25,948.80
255	B2-Supply of S&T Equipment's	Description:- Supply of Insulation resistance tester 100 V DC 500 Mega Ohms hand generator type metal body to Spec. no. IS:2992 make WACO. Inspection by the Representative of Railway.	106	2.00	Numbers	₹ 12,410.10	₹ 24,820.20
256	B4-Supply of LED Signals	Description:- Supply of MAIN LED SIGNAL LIGHTING UNIT WORKING ON 110V AC AS PER RDSO SPECN NO. RDSO/SPN/199/2010 REV. 1.1 or latest RETROFITTABLE IN EXISTING CLS HOUSING (SA:23002, S23024/M) RED ASPECT. Inspection by RDSO.	1	231.00	Set	₹ 7,434.00	₹ 17,17,254.00
257	B4-Supply of LED Signals	Description:- "Supply of MAIN LED SIGNAL LIGHTING UNIT WORKING ON 110V AC AS PER RDSO SPECN. NO. RDSO/SPN/199/2010 REV.1.1, or latest RETROFITTABLE IN EXISTING CLS HOUSING (SA: 23002, S23024/M) YELLOW ASPECT. Inspection by RDSO. "	2	338.00	Set	₹ 7,568.34	₹ 25,58,099.93

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
258	B4-Supply of LED Signals	Description:- "Supply of MAIN LED SIGNAL LIGHTING UNIT WORKING ON 110V AC AS PER RDSO SPECN. NO. RDSO/SPN/199/2010 REV.1.1 or latest RETROFITTABLE IN EXISTING CLS HOUSING (SA: 23002, S23024/M) GREEN ASPECT. Inspection by RDSO. "	3	194.00	Set	₹ 8,647.87	₹ 16,77,686.00
259	B4-Supply of LED Signals	Description:- Supply of LED SIGNAL LIGHTING UNIT 110V AC FOR CALLING ON SIGNAL IN RAILWAY SIGNALING AS PER RDSO/SPN/153/2011 REV. 4.1 or latest. Inspection by RDSO.	4	78.00	Set	₹ 6,387.93	₹ 4,98,258.54
260	B4-Supply of LED Signals	Description:- Supply of LED SIGNAL LIGHTING UNIT 110V AC FOR POSITION LIGHT SHUNT SIGNAL IN RAILWAY SIGNALING AS PER RDSO/SPN/153/2011 REV. 4.1 or latest. Inspection by RDSO.	5	248.00	Set	₹ 4,937.24	₹ 12,24,435.02
261	B4-Supply of LED Signals	Description:- Supply of LED SIGNAL LIGHTING UNIT 110V AC FOR ROUTE INDICATOR SIGNAL IN RAILWAY SIGNALING AS PER RDSO/SPN/153/2011 REV. 4.1 or latest. Inspection by RDSO.	6	535.00	Set	₹ 5,404.52	₹ 28,91,417.13
262	B4-Supply of LED Signals	Description:- Supply of LED "A" marker Signal Lightingunit retrofittable in existing CLS units as per RDSO specificationNo. RDSO/SPN/153/2011(Rev4.1) with latest amendment forA marker signal. Inspection byRDSO	7	38.00	Numbers	₹ 5,570.10	₹ 2,11,663.80
263	B4-Supply of LED Signals	Description:- Supply of LED "A/G" marker Signal Lightingunit retrofittable in existing CLSunits as per RDSO specificationNo. RDSO/SPN/153/2011(Rev4.1) with latest amendment forA marker signal. Inspection byRDSO	8	10.00	Numbers	₹ 5,570.10	₹ 55,701.00
264	C1-Drawing & Design	Description:- Design of SWRD & submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	1a	2.00	Set	₹ 27,743.40	₹ 55,486.80
265	C1-Drawing & Design	Description:- For a Seven-Line Station (VDPD)	1b	1.00	Set	₹ 37,661.40	₹ 37,661.40
266	C1-Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Set	₹ 15,865.20	₹ 31,730.40

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
267	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Set	₹ 38,713.50	₹ 38,713.50
268	C1- Drawing & Design	Description:- Design of RCC & submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	2.00	Set	₹ 26,972.10	₹ 53,944.20
269	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Set	₹ 34,237.80	₹ 34,237.80
270	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Set	₹ 35,418.60	₹ 35,418.60
271	C1- Drawing & Design	Description:- Design of Cable Route Plan (Distant to Distant) & submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	2.00	Set	₹ 18,495.90	₹ 36,991.80
272	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Set	₹ 25,677.90	₹ 25,677.90
273	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Set	₹ 26,357.40	₹ 26,357.40
274	C1- Drawing & Design	Description:- Design of Cable Distribution Plan & submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	2.00	Set	₹ 13,101.30	₹ 26,202.60
275	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Set	₹ 20,542.50	₹ 20,542.50
276	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Set	₹ 6,369.30	₹ 12,738.60
277	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Set	₹ 21,205.80	₹ 21,205.80
278	C1- Drawing & Design	Description:- Design of Track Bonding Plan & submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	2.00	Set	₹ 10,017.90	₹ 20,035.80
279	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Set	₹ 13,695.30	₹ 13,695.30
280	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Set	₹ 14,003.10	₹ 14,003.10
281	C1- Drawing & Design	Description:- Design of Circuit Diagrams consisting of the items as mentioned below & submission of Three paper copies for approval (i) Wiring Diagrams (ii) Relay Disposition Charts (iii) Contact Analysis and Fuse Particulars (iv) Panel Termination Chart (v) CT Rack Particulars (vi) Input &	a	2.00	Station	₹ 1,46,420.10	₹ 2,92,840.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		Output Bit Chart for EI Systems For a Five-Line Station (GJC, GPT)					
282	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,39,663.70	₹ 2,39,663.70
283	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 1,18,989.90	₹ 2,37,979.80
284	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,88,287.10	₹ 2,88,287.10
285	C1- Drawing & Design	Description:- Design of Miscellaneous Diagrams consisting of the items as mentioned below & submission of Three paper copies for approval (i) Floor Plan of Relay Room , Battery Room, Power Equipment Room, Data logger room etc (ii) Power Supply Diagrams along with power supply calculation. (iii) Earthing Diagram For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 5,394.60	₹ 10,789.20
286	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 6,975.00	₹ 6,975.00
287	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 4,362.30	₹ 8,724.60
288	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 9,472.50	₹ 9,472.50
289	C1- Drawing & Design	Description:- Design of Location Box Drawings (Including Contact Analysis, Fuse Particulars etc) and submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	1.00	Station	₹ 1,926.90	₹ 1,926.90
290	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,996.10	₹ 2,996.10
291	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 1,586.70	₹ 3,173.40
292	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 3,294.90	₹ 3,294.90

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
293	C1- Drawing & Design	Description:- Design of Goomty Drawings (Including Relay Disposition Chart, Contact Analysis, Fuse Particulars, CT Rack Particulars and Floor Plan etc) and submission of Three paper copies for approval For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 3,852.90	₹ 7,705.80
294	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 5,992.20	₹ 5,992.20
295	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 3,172.50	₹ 6,345.00
296	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 6,589.80	₹ 6,589.80
297	C1- Drawing & Design	Description:- Supply of Original Tracing of SWRD after incorporating all the corrections. For a Five- Line Station (GJC, GPT)	a	2.00	Numbers	₹ 539.10	₹ 1,078.20
298	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Numbers	₹ 770.40	₹ 770.40
299	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Numbers	₹ 475.20	₹ 950.40
300	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Numbers	₹ 824.40	₹ 824.40
301	C1- Drawing & Design	Description:- Supply of Original Tracing of RCC after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Numbers	₹ 693.00	₹ 1,386.00
302	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Numbers	₹ 1,113.30	₹ 1,113.30
303	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Numbers	₹ 1,111.50	₹ 1,111.50
304	C1- Drawing & Design	Description:- Supply of Original Tracing of Cable Route Plan (Distant to Distant) after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Numbers	₹ 1,387.80	₹ 2,775.60
305	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Numbers	₹ 1,780.20	₹ 1,780.20
306	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Numbers	₹ 1,779.30	₹ 1,779.30
307	C1- Drawing & Design	Description:- Supply of Original Tracing of Cable Distribution Plan after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Numbers	₹ 1,387.80	₹ 2,775.60

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
308	C1-Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Numbers	₹ 1,780.20	₹ 1,780.20
309	C1-Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Numbers	₹ 1,269.90	₹ 2,539.80
310	C1-Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Numbers	₹ 1,779.30	₹ 1,779.30
311	C1-Drawing & Design	Description:- Supply of Original Tracing of Track Bonding Plan after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Numbers	₹ 886.50	₹ 1,773.00
312	C1-Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Numbers	₹ 1,113.30	₹ 1,113.30
313	C1-Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Numbers	₹ 1,111.50	₹ 1,111.50
314	C1-Drawing & Design	Description:- Supply of Original Tracing of Circuit Diagrams consisting of the items as mentioned below after incorporating all the corrections. (i) Wiring Diagrams (ii) Relay Disposition Charts (iii) Contact Analysis and Fuse Particulars (iv) Panel Termination Chart (v) CT Rack Particulars (vi) Input & Output Bit Chart for EI Systems For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 25,893.00	₹ 51,786.00
315	C1-Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 34,237.80	₹ 34,237.80
316	C1-Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 23,797.80	₹ 47,595.60
317	C1-Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 37,065.60	₹ 37,065.60
318	C1-Drawing & Design	Description:- Supply of Original Tracing of Miscellaneous Diagrams consisting of the items as mentioned below after incorporating all the corrections. (i) Floor Plan of Relay Room , Battery Room, Power Equipment Room, Data logger room etc (ii) Power Supply Diagrams along with power supply calculation. (iii) Earthing Diagram For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,697.30	₹ 5,394.60
319	C1-Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 3,282.30	₹ 3,282.30

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
320	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,379.60	₹ 4,759.20
321	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 4,119.30	₹ 4,119.30
322	C1- Drawing & Design	Description:- Supply of Original Tracing of Location Box Drawings (Including Contact Analysis, Fuse Particulars etc) after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,697.30	₹ 5,394.60
323	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 4,279.50	₹ 4,279.50
324	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,379.60	₹ 4,759.20
325	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 4,941.90	₹ 4,941.90
326	C1- Drawing & Design	Description:- Supply of Original Tracing of Goomty Drawings (Including Relay Disposition Chart, Contact Analysis, Fuse Particulars, CT Rack Particulars and Floor Plan etc) after incorporating all the corrections. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 4,239.00	₹ 8,478.00
327	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 6,847.20	₹ 6,847.20
328	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 3,490.20	₹ 6,980.40
329	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 7,413.30	₹ 7,413.30
330	C1- Drawing & Design	Description:- Supply of Paper copy of Approved SIP . For a Five-Line Station (GJC, GPT)	a	30.00	Numbers	₹ 450.00	₹ 13,500.00
331	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	30.00	Numbers	₹ 540.00	₹ 16,200.00
332	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	40.00	Numbers	₹ 450.00	₹ 18,000.00
333	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	30.00	Numbers	₹ 540.00	₹ 16,200.00
334	C1- Drawing & Design	Description:- Supply of Paper copy of Approved SWRD. For a Five-Line Station (GJC, GPT)	a	52.00	Numbers	₹ 450.00	₹ 23,400.00
335	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	26.00	Numbers	₹ 540.00	₹ 14,040.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
336	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	52.00	Numbers	₹ 450.00	₹ 23,400.00
337	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	26.00	Numbers	₹ 540.00	₹ 14,040.00
338	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved RCC. For a Five-Line Station (GJC, GPT)	a	12.00	Numbers	₹ 450.00	₹ 5,400.00
339	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	6.00	Numbers	₹ 540.00	₹ 3,240.00
340	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	12.00	Numbers	₹ 450.00	₹ 5,400.00
341	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	6.00	Numbers	₹ 540.00	₹ 3,240.00
342	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Cable Route Plan(Distant to Distant). For a Five-Line Station (GJC, GPT)	a	4.00	Numbers	₹ 450.00	₹ 1,800.00
343	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	2.00	Numbers	₹ 540.00	₹ 1,080.00
344	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	2.00	Numbers	₹ 540.00	₹ 1,080.00
345	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Cable Distribution Plan. For a Five-Line Station (GJC, GPT)	a	8.00	Numbers	₹ 450.00	₹ 3,600.00
346	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	4.00	Numbers	₹ 540.00	₹ 2,160.00
347	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	8.00	Numbers	₹ 450.00	₹ 3,600.00
348	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	4.00	Numbers	₹ 540.00	₹ 2,160.00
349	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Track Bonding Plan. For a Five-Line Station (GJC, GPT)	a	12.00	Numbers	₹ 450.00	₹ 5,400.00
350	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	12.00	Numbers	₹ 540.00	₹ 6,480.00
351	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	12.00	Numbers	₹ 540.00	₹ 6,480.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
352	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Circuit Diagrams consisting of the items as mentioned below. (i) Wiring Diagrams (ii) Relay Disposition Charts (iii) Contact Analysis and Fuse Particulars (iv) Panel Termination Chart (v) CT Rack Particulars For a Five-Line Station (GJC, GPT)	a	4.00	Station	₹ 1,800.00	₹ 7,200.00
353	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	2.00	Station	₹ 2,250.00	₹ 4,500.00
354	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	4.00	Station	₹ 1,800.00	₹ 7,200.00
355	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	2.00	Station	₹ 2,250.00	₹ 4,500.00
356	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Miscellaneous Diagrams consisting of the items as mentioned below. (i) Floor Plan of Relay Room , Battery Room, Power Equipment Room, Data logger room etc (ii) Power Supply Diagrams along with power supply calculation. (iii) Earthing Diagram For a Five-Line Station (GJC, GPT)	a	4.00	Station	₹ 450.00	₹ 1,800.00
357	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	2.00	Station	₹ 675.00	₹ 1,350.00
358	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	4.00	Station	₹ 450.00	₹ 1,800.00
359	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	2.00	Station	₹ 675.00	₹ 1,350.00
360	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Location Box Drawings (Including Contact Analysis, Fuse Particulars etc). For a Five-Line Station (GJC, GPT)	a	4.00	Station	₹ 900.00	₹ 3,600.00
361	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	2.00	Station	₹ 1,125.00	₹ 2,250.00
362	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	4.00	Station	₹ 900.00	₹ 3,600.00
363	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	2.00	Station	₹ 1,125.00	₹ 2,250.00
364	C1- Drawing & Design	Description:- Supply of Paper Copy of Approved Goomty Drawings ((Including Relay Disposition Chart, Contact Analysis, Fuse Particulars, CT Rack Particulars and Floor Plan	a	4.00	Station	₹ 900.00	₹ 3,600.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
		etc). For a Five-Line Station (GJC, GPT)					
365	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	2.00	Station	₹ 1,125.00	₹ 2,250.00
366	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	4.00	Station	₹ 900.00	₹ 3,600.00
367	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	2.00	Station	₹ 1,125.00	₹ 2,250.00
368	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion SWRD. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00
369	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
370	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,250.00	₹ 4,500.00
371	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
372	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion SWRD. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00
373	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
374	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,250.00	₹ 4,500.00
375	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
376	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion RCC. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00
377	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
378	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
379	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Cable Route Plan(Distant to Distant). For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
380	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
381	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
382	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Cable Distribution Plan. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00
383	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
384	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,250.00	₹ 4,500.00
385	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
386	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Track Bonding Plan. For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 2,700.00	₹ 5,400.00
387	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 2,700.00	₹ 2,700.00
388	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 2,700.00	₹ 2,700.00
389	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Circuit Diagrams consisting of the items as mentioned below. (i) Wiring Diagrams (ii) Relay Disposition Charts (iii) Contact Analysis and Fuse Particulars (iv) Panel Termination Chart (v) CT Rack Particulars (vi) Input & Output Bit Chart for EI Systems For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 11,250.00	₹ 22,500.00
390	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 11,250.00	₹ 11,250.00
391	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 9,000.00	₹ 18,000.00
392	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 11,250.00	₹ 11,250.00

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SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
393	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Miscellaneous Diagrams consisting of the items as mentioned below. (i) Floor Plan of Relay Room , Battery Room, Power Equipment Room, Data logger room etc (ii) Power Supply Diagrams along with power supply calculation. (iii) Earthing Diagram For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 3,375.00	₹ 6,750.00
394	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 3,375.00	₹ 3,375.00
395	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 2,250.00	₹ 4,500.00
396	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 3,375.00	₹ 3,375.00
397	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Location Box Drawings (Including Contact Analysis, Fuse Particulars etc). For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 5,625.00	₹ 11,250.00
398	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 5,625.00	₹ 5,625.00
399	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 4,500.00	₹ 9,000.00
400	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 5,625.00	₹ 5,625.00
401	C1- Drawing & Design	Description:- Supply of Five sets of Paper Copy of Approved Completion Goomty Drawings (Including Relay Disposition Chart, Contact Analysis, Fuse Particulars, CT Rack Particulars and Floor Plan etc). For a Five-Line Station (GJC, GPT)	a	2.00	Station	₹ 5,625.00	₹ 11,250.00
402	C1- Drawing & Design	Description:- For a Four-Line Station (VDPD-GJC Auto, DVD-GPT Auto)	c	2.00	Station	₹ 4,500.00	₹ 9,000.00
403	C1- Drawing & Design	Description:- For a Eight-Line Station (DVD)	d	1.00	Station	₹ 5,625.00	₹ 5,625.00
404	C1- Drawing & Design	Description:- For a Seven-Line Station (VDPD)	b	1.00	Station	₹ 5,625.00	₹ 5,625.00

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
405	C1- Drawing & Design	Description:- Alteration of Existing Circuit Diagrams consisting of the items as mentioned below & submission of Three paper copies for approval (i) Wiring Diagrams (ii) Relay Disposition Charts (iii) Contact Analysis and Fuse Particulars (iv) Panel Termination Chart (v) CT Rack Particulars (vi) Input & Output Bit Chart for EI Systems	39	120.00	Sheet	₹ 315.00	₹ 37,800.00
406	C1- Drawing & Design	Description:- Alteration of Existing Miscellaneous Diagrams consisting of the items as mentioned below & submission of Three paper copies for approval (i) Floor Plan of Relay Room , Battery Room, Power Equipment Room, Data logger room etc (ii) Power Supply Diagrams along with power supply calculation. (iii) Earthing Diagram	40	60.00	Sheet	₹ 315.00	₹ 18,900.00
407	C1- Drawing & Design	Description:- Alteration of Existing Location Box Drawings (Including Contact Analysis, Fuse Particulars etc) and submission of Three paper copies for approval	41	35.00	Sheet	₹ 405.90	₹ 14,206.50
408	C1- Drawing & Design	Description:- Alteration of Existing Goomty Drawings (Including Relay Disposition Chart, Contact Analysis, Fuse Particulars, CT Rack Particulars and Floor Plan etc) and submission of Three paper copies for approval	42	50.00	Sheet	₹ 810.90	₹ 40,545.00
409	C1- Drawing & Design	Description:- Supply of Original Tracing in A-3 Size. NOTE:- For Drawings larger than A-3 Size, payment shall be made in multiples of A-3 Size.	43	200.00	Sheet	₹ 63.90	₹ 12,780.00
410	C1- Drawing & Design	Description:- Submission of the Initial cable route plan after the cables are laid and commissioned indicating clearly the exact position of the cable, joints, LB for emergency sockets and other critical materials with reference so centre line of the nearest track. The final cable route plan and drawings of the cable terminations along with all relevant particulars area to be submitted to the Railways in original master form as well as 6 copies	44	14.00	Route Kilo Meter (RKM)	₹ 1,396.80	₹ 19,555.20

SL No	SCHEDULE	Description	Item Code	Item Qty	Qty Unit	Unit Rate	Total Value
411	C1-Drawing & Design	Description:- Submission of the final cable route plan after the cables are laid and commissioned indicating clearly the exact position of the cable, joints, LB for emergency sockets and other critical materials with reference so centre line of the nearest track. The final cable route plan and drawings of the cable terminations along with all relevant particulars area to be submitted to the Railways in original master form as well as 6 copies	45	14.00	Route Kilo Meter (RKM)	₹ 1,899.90	₹ 26,598.60
412	C1-Drawing & Design	Description:- Supply of Paper copies in A-3 Size.	46	1000.00	Per Page	₹ 9.00	₹ 9,000.00
Total							₹ 26,41,05,361.56

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Annexure – 13 - Undertaking on Exit Management and Transition**(On the Partner's Letterhead)**

TENDER Ref. No:

Date:

To,

The Principal Executive Director
 RailTel Corporation of India Ltd. 19th Floor,
 Aurora Waterfront, opposite NALBAN, Sector
 V, Bidhannagar, Kolkata, West Bengal 700091

Dear Sir/Madam,

Sub: Undertaking on Exit Management and Transition

1. I/We hereby undertake that at the time of completion of our engagement with RCIL, either at the End of Contract or termination of Contract before planned Contract Period for any reason, we shall successfully carry out the exit management and transition of this Project to RCIL or to an agency identified by RCIL to the satisfaction of RCIL. I/We further undertake to complete the following as part of the Exit management and transition:
 - a. We undertake to complete the updating of all Project documents and other artefacts and handover the same to RCIL before transition.
 - b. We undertake to design standard operating procedures to manage system (including application and IT systems), document the same and train Customer personnel on the same.
 - c. If RCIL decides to take over the operations and maintenance of the Project on its own or identifies or selects any other agency for providing operations & maintenance services on this Project, then we shall provide necessary handholding and transition support, which shall include but not be limited to, conducting detailed walkthrough and demonstrations for the IT Infrastructure, handing over all relevant documentation, addressing the queries/clarifications of the new agency with respect to the working / performance levels of the ICT components , conducting Training sessions etc.
2. I/We also understand that the Exit management and transition will be considered complete on the basis of approval from RCIL.

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Place:

Designation:

Date

Annexure 14: Declaration – Exclusivity of Participation

EOI Ref No.

Date:

To,

The Principal Executive Director
RailTel Corporation of India Ltd. 19th Floor,
Aurora Waterfront, opposite NALBAN, Sector V,
Bidhannagar, Kolkata, West Bengal 700091

Sub: Exclusive pre-RFP partnership arrangement with Empaneled business associate of RailTel for participating in the end customer RFP.

We, M/s <Name and Address of Partner> will not submit directly or indirectly our bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel).

Note: This undertaking has to be given with this EOI Response.

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Designation:

Place:

Date:

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Annexure 15

Integrity Pact Program

RailTel has adopted Integrity Pact Program and for implementation thereof all TENDER/EOIs relating to procurement of OFC, quad cable, pre-fab shelters, electronic equipment and its installation and/or commissioning etc and other item(s) or activity/activities proposed to be carried out or required by the Company for the value exceeding Rs. 15 crores at a time including for repair and maintenance of cable/network and any other items required for special works assigned to RailTel/REL will be covered under the Integrity Pact Program and the vendors are required to sign the IP document and submit the same to RailTel/REL before or along with the bids.

- a) Only those vendors who have purchased the EOI/TENDER document and signed the IP document can send their grievances, if any, to the Independent External Monitors (IEMNs) through the nodal officer, i.e. Chief Vigilance Officer (CVO), RailTel.

Name of IEMs and contact details:

- | | |
|-------------------------------|---|
| 1. Shri. Vinit Kumar Jayaswal | E-Mail: gkvinit@gmail.com M.No. +91-9871893484 |
| 2. Shri. Punati Sridhar | E-Mail: poonatis@gmail.com M.No. +91-9448105097 |

Name & contact details of Nodal Officer (IP) in RailTel:

Chief Vigilance Officer, RailTel Corporation of India Ltd
6th Floor, Office Block Tower-2, NBCC Complex, East Kidwai Nagar, New Delhi-110023
E-Mail: cvo@railtelindia.com

- b) If the order, with total value equal to or more than the threshold value, is split to more than one vendor and even if the value of PO placed on any/each vendor(s) is less than the threshold value, IP document having been signed by the vendors at bid stage itself, the Pact shall continue to be applicable.
- c) Partner of Indian origin shall submit the Integrity Pact (in 2 copies) on a non-judicial stamp paper of Rs. 100/- duly signed by the person signing the bid. If the partner is a partnership or a consortium, the Integrity Pact shall be signed by all the partners or consortium members.
- d) Partner of foreign origin may submit the Integrity Pact on its company's letterhead, duly signed by the person signing the bid.
- e) The 'Integrity Pact' shall be submitted by the Partner duly signed in all pages along with the Bid in a separate envelope, duly superscripted with 'Integrity Pact'. Response received without signed copy of the Integrity Pact document will be liable to be rejected. Proforma for signing the Integrity Pact is available in Annexure-15 of this EOI document.
- f) One copy of the Integrity Pact shall be retained by RailTel and the 2nd copy will be issued to the representative of the partner during bid opening. If the Partners representative is not present during the Bid opening, the 2nd copy shall be sent to the partner by post/courier.
- g) The Integrity Pact is applicable in this EOI vide CVC circular no. 10/05/09 dated 18.05.09 and revised guideline of CVC circular no. 015/VGL/091 dated 13.01.17 or the latest updated from time to time shall be followed.

PROFORMA FOR “SIGNING THE INTEGRITY PACT”

RailTel Corporation of India Limited, hereinafter referred to as “The Principal”.

AND

....., hereinafter referred to as “The Partner/ Contractor”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s forThe Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relations with its Partner(s) and /or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the EOI process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - a. No employee of the Principal, personally or through family members, will in connection with the EOI for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will during the EOI process treat all Partner(s) with equity and reason. The Principal will in particular, before and during the EOI process, provide to all Partner(s) the same information and will not provide to any Partner(s) confidential/additional information through which the Partner(s) could obtain an advantage in relation to the process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2- Commitments of the Partner(s) / Contractor(s)

1. The Partner(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the EOI process and during the contract execution.
 - a. The Partner(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal’s employees involved in the EOI process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage during EOI process or during the execution of the contract.
 - b. The Partner(s)/Contractor(s) will not enter with other Partners into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

- c. The Partner(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Partner(s) /Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Partner(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the partner(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the “Guidelines on Indian Agents of Foreign Suppliers” shall be disclosed by the Partner(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.
 - e. The Partner(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
2. The Partner(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from EOI process and exclusion from future contracts

If the Partner(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Partner(s)/Contractor(s) from the EOI process or take action as per the procedure mentioned in the “Guidelines on Banning of business dealings”. Copy of the “Guidelines on Banning of business dealings” is annexed and marked as Annex-“B”.

Section 4: Compensation for Damages

1. If the Principal has disqualified the Partner(s) from the EOI process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to be terminated the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5: Previous Transgression

1. The Partner declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the EOI process.
2. If the partner makes incorrect statement on this subject, he can be disqualified from the EOI process for action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

Section 6: Equal treatment of all Partners / Contractors/Subcontractors.

1. The Partner(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all partners, contractors and subcontractors.
3. The Principal will disqualify from the EOI process all partners who do not sign this Pact or violate its provisions.

Section 7: Criminal charges against violation by Partner(s) / Contractor(s) / Sub contractor(s)

If the Principal obtains knowledge of conduct of a Partner, Contractor or Subcontractor, or of an employee or a representative or an associate of a Partner, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8: Independent External Monitor / Monitors

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

Section 9: Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Partners 6 months after the contract has been awarded.

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

Section 10: Other Provisions

1. This agreement is subject to Indian Law, Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing.
3. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & on behalf of the Principal)
(Office Seal)

Place _____

Date _____

Witness 1:
(Name & Address)

Witness 2:
(Name & Address)

(For & On behalf of Partner/Contractor)
(Office Seal)

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Annexure-A to the Integrity Pact**GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS**

1.0 There shall be compulsory registration of agents for all global (Open) Tender and Limited Tender. An agent who is not registered with RailTel Units shall apply for registration in the prescribed Application -Form.

1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/ Original certificate of the principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ retainer-ship being paid by the principal to the agent before the placement of order by RailTel.

1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.

2.0 DISCLOSURE OF PARTICULARS OF AGENTS/ REPRESENTATIVES IN INDIA, IF ANY.

2.1 Tenderers of Foreign nationality shall furnish the following details in their offer:

2.1.1 The name and address of the agents/representatives in India, if any and the extent of authorization and authority given to commit the Principals. In case the agent/representative be a foreign Company, it shall be confirmed whether it is real substantial Company and details of the same shall be furnished.

2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/representatives in India.

2.1.3 Confirmation of the Tenderer that the commission/ remuneration if any, payable to his agents/ representatives in India, may be paid by RAILTEL in Indian Rupees only.

2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:

2.2.1 The name and address of the foreign principals indicating their nationality as well as their status, i.e, whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/representatives.

2.2.2 The amount of commission /remuneration included in the price(s) quoted by the tenderer for himself.

2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by RAILTEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.

2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.

2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by RAILTEL. Besides this there would be a penalty of banning business dealings with RAILTEL or damage or payment of a named sum.

Annexure-B to the Integrity Pact

GUIDELINES ON BANNING OF BUSINESS DEALINGS

S. No.	Description
1	Introduction
2	Scope
3	Definitions
4	Initiation of Banning / Suspension
5	Suspension of Business Dealings
6	Ground on which Banning of Business Dealings can be initiated
7	Banning of Business Dealings
8	Removal from List of approved Agencies-Suppliers/ Contractors etc.
9	Procedure for issuing Show-cause Notice
10	Appeal against the Decision of the Competent Authority
11	Review of the Decision by the Competent Authority
12	Circulation of the names of Agencies with whom Business Dealings have been banned

1. Introduction

1.1 RailTel Corporation of India Ltd (RAILTEL), being a Public Sector Enterprise, under the administrative control of the Ministry of Railways and therefore being an authority deemed to be 'the state' within the meaning of Article 12 of Constitution of India, has to ensure preservation of rights enshrined in Chapter III of the Constitution. RAILTEL has also to safeguard its commercial interests. RAILTEL deals with Agencies, who have a very high degree of integrity, commitments and sincerity towards the work undertaken. It is not in the interest of RAILTEL to deal with Agencies who commit deception, fraud or other misconduct in the execution of contracts awarded / orders issued to them. In order to ensure compliance with the constitutional mandate, it is incumbent on RAILTEL to observe principles of natural justice before banning the business dealings with any Agency.

1.2 Since banning of business dealings involves civil consequences for an Agency concerned, it is incumbent that adequate opportunity of hearing is provided and the explanation, if tendered, is considered before passing any order in this regard keeping in view the facts and circumstances of the case.

2. Scope

2.1 The General Conditions of Contract (GCC) of RAILTEL generally provide that RAILTEL reserves its rights to remove from list of approved suppliers/ contractors or to ban business dealings if any Agency has been found to have committed misconduct and also to suspend business dealings pending investigation. If such provision does not exist in any GCC, the same may be incorporated.

2.2 Similarly, in case of sale of material there is a clause to deal with the Agencies/ customers/ buyers, who indulge in lifting of material in unauthorized manner. If such a stipulation does not exist in any Sale Order, the same may be incorporated.

2.3 However, absence of such a clause does not in any way restrict the right of Company (RAILTEL) to take action / decision under these guidelines in appropriate cases.

2.4 The procedure of (i) Removal of Agency from the List of approved suppliers/ contractors; (ii) Suspension and (iii) Banning of Business Dealing with Agencies, has been laid down in these guidelines.

2.5 These guidelines apply to Corporate Office, all Regions and Subsidiaries of RAILTEL.

2.6 It is clarified that these guidelines do not deal with the decision of the Management to avoid entertaining any particular Agency due to its poor / inadequate performance or for any other reason.

2.7 The banning shall be with prospective effect, i.e., future business dealings.

3. Definitions

In these Guidelines, unless the context otherwise requires:

i) 'Party / Contractor / Supplier / Purchaser / Customer' shall mean and include a public limited company or a private limited company, a firm whether registered or not, an individual, a cooperative society or an association or a group of persons engaged in any commerce, trade, industry, etc. 'Party / Contractor / Supplier / Purchaser / Customer' in the context of these guidelines is indicated as 'Agency'.

ii) 'Inter-connected Agency' shall mean two or more companies having any of the following features:

- a) If one is a subsidiary of the other;
- b) If the Director(s), Partner(s), Manager(s) or Representative(s) are common;
- c) If management is common;
- d) If one owns or controls the other in any manner;

iii) 'Competent Authority' and 'Appellate Authority' shall mean the following:

- a) For Company (entire RAILTEL) wide Banning: The Director shall be the 'Competent Authority' for the purpose of these guidelines. CMD, RAILTEL shall be the 'Appellate Authority' in respect of such cases except banning of business dealings with Foreign Suppliers of imported items.

- b) For banning of business dealings with Foreign Suppliers of imported items, RAILTEL Directors Committee (RDC) shall be the 'Competent Authority'. The Appeal against the Order passed by RDC, shall lie with CMD, as First Appellate Authority.
- c) In case the foreign supplier is not satisfied by the decision of the First Appellate Authority, it may approach Railway Board as Second Appellate Authority.
- d) For RailTel Regions only: Any officer not below the rank of General Manager appointed or nominated by the Executive Director of concerned Region shall be the 'Competent Authority' for the purpose of these guidelines. The Executive Director of the concerned Region shall be the 'Appellate Authority' in all such cases.
- e) For Corporate Office only: For procurement of items / award of contracts, to meet the requirement of Corporate Office only, Concerned Group General Manager / General Manager shall be the 'Competent Authority' and concerned Director shall be the 'Appellate Authority'.
- f) CMD, RAILTEL shall have overall power to take suo-moto action on any information available or received by him and pass such order(s) as he may think appropriate, including modifying the order(s) passed by any authority under these guidelines.
- iv) 'Investigating Department' shall mean any Department or Unit investigating into the conduct of the Agency and shall include the Vigilance Department, Central Bureau of Investigation, the State Police or any other department set up by the Central or State Government having powers to investigate.
- v) 'List of approved Agencies - Parties / Contractors / Suppliers/ Purchaser/ Customers' shall mean and include list of approved /registered Agencies - Parties/ Contractors / Suppliers / Purchasers / Customers, etc.

4. Initiation of Banning / Suspension

Action for banning / suspension of business dealings with any Agency should be initiated by the department having business dealings with them after noticing the irregularities or misconduct on their part. Besides the concerned department, Vigilance Department of each Region / Unit/ Corporate Office may also be competent to initiate such action.

5. Suspension of Business Dealings

5.1 If the conduct of any Agency dealing with RAILTEL is under investigation by any department (except Foreign Suppliers of imported items), the Competent Authority may consider whether the allegations under investigation are of a serious nature and whether pending investigation, it would be advisable to continue business dealing with the Agency. If the Competent Authority, after consideration of the matter including the recommendation of the Investigating Department, if any, decides that it would not be in the interest to continue business dealings pending investigation, it may suspend business dealings with the Agency. The order to this effect may indicate a brief of the charges under investigation. If it is decided that inter-connected Agencies would also come within the ambit of the order of suspension, the same should be specifically stated in the order. The order of suspension would operate for a period not more than six months and may be communicated to the Agency as also to Investigating Department. The Investigating Department may ensure that their investigation is completed and whole process of final order is over within such period.

5.2 The order of suspension shall be communicated to all the departmental heads within the unit/ region/ Corporate Office as the case may be. During the period of suspension, no business dealing may be held with the agency.

5.3 As far as possible, the existing contract(s) with the Agency may continue unless the Competent Authority, having regard to the circumstances of the case, decides otherwise.

5.4 If the gravity of the misconduct under investigation is very serious and it would not be in the interest of RAILTEL, as a whole, to deal with such an Agency pending investigation, the Competent Authority may send his recommendation to Chief Vigilance Officer (CVO), RAILTEL Corporate Office along with the material available. If Corporate Office considers that depending upon the gravity of the misconduct, it would not be desirable for all the units/ regions of RAILTEL to have any dealings with the Agency concerned, an order suspending business dealings may be issued to all the units/ Regions / Corporate Office by the Competent Authority of the Corporate Office, copy of which may be endorsed to the Agency and all concerned. Such an order would operate for a period of six months from the date of issue.

5.5 for suspension of business dealings with Foreign Suppliers of imported items, following shall be the procedure:

- i) Suspension of the foreign suppliers shall apply throughout the Company/ Regions including Subsidiaries.
- ii) Based on the complaint forwarded by ED / GGM / GM or received directly by Corporate Vigilance, if gravity of the misconduct under investigation is found serious and it is felt that it would not be in the interest of RAILTEL to continue to deal with such agency, pending investigation, Corporate Vigilance may send such recommendation on the matter to Executive Director / GGM / GM, to place it before a committee consisting of the following:
 1. ED / GGM/ GM (viz. Representative of Corporate Finance).
 2. ED / GGM/ GM (viz. Representative of Department concerned with procurement of imported items)- Convener of the Committee.
 3. ED / GGM/ GM (to be nominated on case-to-case basis).
 4. ED / GGM/ GM ((viz. Representative of Corporate Law).

The committee shall expeditiously examine the report and give its comments / recommendations within twenty-one days of receipt of the reference by ED/ GGM/ GM.

iii) The comments / recommendations of the Committee shall then be placed by ED/GGM/GM, before RAILTEL Directors' Committee (RDC) constituted for import of items. If RDC opines that it is a fit case for suspension, RDC may pass necessary orders which shall be communicated to the foreign supplier by the ED/GGM/GM.

5.6 If the Agency concerned asks for detailed reasons of suspension, the Agency may be informed that its conduct is under investigation. It is not necessary to enter into correspondence or argument with the Agency at this stage.

5.7 It is not necessary to give any show-cause notice or personal hearing to the Agency before issuing the order of suspension. However, if investigations are not complete in six months time, the Competent Authority may extend the period of suspension by another three months, during which period the investigations must be completed.

6. Ground on which Banning of Business Dealings can be initiated

- 6.1 If the security consideration, including questions of loyalty of the Agency to the State, so warrants;
- 6.2 If the Director / Owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises or RAILTEL, during the last five years;
- 6.3 If there is strong justification for believing that the Directors, Proprietors, Partners, owner of the Agency have been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolations, etc;
- 6.4 If the Agency continuously refuses to return / refund the dues of RAILTEL without showing adequate reason and this is not due to any reasonable dispute which would attract proceedings in arbitration or Court of Law;
- 6.5 If the Agency employs a public servant dismissed / removed or employs a person convicted for an offence involving corruption or abetment of such offence;
- 6.6 If business dealings with the Agency have been banned by the Govt. or any other public sector enterprise;
- 6.7 If the Agency has resorted to Corrupt, fraudulent practices including misrepresentation of facts;
- 6.8 If the Agency uses intimidation/ threatening or brings undue outside pressure on the Company (RAILTEL) or its official in acceptance/ performances of the job under the contract;
- 6.9 If the Agency indulges in repeated and / or deliberate use of delay tactics in complying with contractual stipulations;
- 6.10 Wilful indulgence by the Agency in supplying sub-standard material irrespective of whether pre-dispatch inspection was carried out by Company (RAILTEL) or not;
- 6.11 Based on the findings of title investigation report of CBI / Police against the Agency for malafide/ unlawful acts or improper conduct on his part in matters relating to the Company (RAILTEL) or even otherwise;
- 6.12 Established litigant nature of the Agency to derive undue benefit;
- 6.13 Continued poor performance of the Agency in several contracts;
- 6.14 If the Agency misuses the premises or facilities of the Company (RAILTEL), forcefully occupies tampers or damages the Company's properties including land, water resources, etc.

(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).

7. Banning of Business Dealings

7.1 Normally, a decision to ban business dealings with any Agency should apply throughout the Company including subsidiaries. However, the Competent Authority of the Region/ Unit except Corporate Office can impose such ban Region-wise only if in the particular case banning of business dealings by respective Region/ Unit will serve the purpose and achieve its objective and banning throughout the Company is not required in view of the local conditions and impact of the misconduct/ default to beyond the Region/ Unit. Any ban imposed by Corporate Office shall be applicable across all Regions/ Units of the Company including Subsidiaries.

7.2 For Company-wide banning, the proposal should be sent by ED of the Region/ Unit to the CVO/RailTel setting out the facts of the case and the justification of the action proposed alongwith all the relevant papers and documents except for banning of business dealings with Foreign Suppliers of imported items.

The Corporate Vigilance shall process the proposal of the concerned Region/ Unit for a prima-facie view in the matter by the Competent Authority nominated for Company-wide banning.

The CVO shall get feedback about that agency from all other Regions/ Units. Based on this feedback, a prima-facie decision for banning / or otherwise shall be taken by the Competent Authority.

If the prima-facie decision for Company-wide banning has been taken, the Corporate Vigilance shall issue a show-cause notice to the agency conveying why it should not be banned throughout RAILTEL.

After considering the reply of the Agency and other circumstances and facts of the case, a final decision for Company-wide banning shall be taken by the competent Authority.

7.3 There will be a Standing Committee in each Region/ Unit to be appointed by Chief Executive Officer for processing the cases of "Banning of Business Dealings" except for banning of business dealings with foreign suppliers. However, for procurement of items/ award of contracts, to meet the requirement of Corporate Office only, the committee shall be consisting of General Manager/ Dy. General Manager each from Operations, Finance, Law & Project. Member from Project shall be the convener of the committee. The functions of the committee shall, inter-alia include:

- i) To study the report of the investigating Agency and decide if a prima-facie case for Company-wide / Region wise banning exists, if not, send back the case to the Competent Authority.
- ii) To recommend for issue of show-cause notice to the Agency by the concerned department.
- iii) To examine the reply to show-cause notice and call the Agency for personal hearing, if required.
- iv) To submit final recommendation to the Competent Authority for banning or otherwise.

7.4 If the Competent Authority is prima-facie of view that action for banning business dealings with the Agency is called for, a show- cause notice may be issued to the Agency and an enquiry held accordingly.

7.5 Procedure for Banning of Business Dealings with Foreign Suppliers of imported items.

- i) Banning of the agencies, shall apply throughout the Company including subsidiaries.
- ii) Based on the complaint forwarded by Executive Director or received directly by Corporate Vigilance, an investigation shall be carried out by Corporate Vigilance. After investigation, depending upon the gravity of the misconduct, Corporate Vigilance may send their report to Executive Director/ GGM/ GM, to be placed before a Committee consisting of the following:
 1. ED / GGM/ GM (viz. Representative of Corporate Finance).
 2. ED / GGM/ GM (viz. Representative of Department concerned with procurement of imported items)- Convener of the Committee.
 3. ED / GGM/ GM (to be nominated on case to case basis).
 4. ED / GGM/ GM ((viz. Representative of Corporate Law).

The Committee shall examine the report and give its comments/ recommendations within 21 days of receipt of the reference by ED.

iii) The comments/recommendations of the Committee shall be placed by ED/ GGM/ GM before RAILTEL Directors' Committee (RDC) constituted for import of foreign items. If RDC opines that it is a fit case for initiating banning action, it will direct ED/ GGM/ GM to issue show-cause notice to the agency for replying within a reasonable period.

iv) On receipt of the reply or on expiry of the stipulated period, the case shall be submitted by ED to RDC for consideration & decision.

v) The decision of the RDC shall be communicated to the agency by ED/GGM/GM concerned.

8. Removal from List of Approved Agencies – Suppliers/Contractors, etc.

8.1 If the Competent Authority decides that the charge against the Agency is of a minor nature, it may issue a show-cause notice as to why the name of the Agency should not be removed from the list of approved Agencies - Suppliers / Contractors, etc.

8.2 The effect of such an order would be that the Agency would not be disqualified from competing in Open Tender Enquiries but LTE (Limited Tender Enquiry) may not be given to the Agency concerned.

8.3 Past performance of the Agency may be taken into account while processing for approval of the Competent Authority for awarding the contract.

9. Show-cause Notice

9.1 In case where the Competent Authority decides that action against an Agency is called for, a show-cause notice has to be issued to the Agency. Statement containing the imputation of misconduct or misbehavior may be appended to the show-cause notice and the Agency should be asked to submit within 15 days a written statement in its defence.

9.2 If the Agency requests for inspection of any relevant document in possession of RAILTEL, necessary facility for inspection of documents may be provided.

9.3 The Competent Authority may consider and pass all appropriate speaking order:

- a) For exonerating the Agency if the charges are not established.
- b) For removing the Agency from the list of approved Suppliers/ Contractors, etc.
- c) For banning the business dealing with the Agency.

9.4 If it decides to ban business dealings, the period for which the ban would be operative may be mentioned. The order may also mention that the ban would extend to the interconnected Agencies of the Agency.

10. Appeal against the Decision of the Competent Authority

10.1 The agency may file an appeal against the order of the Competent Authority banning business dealing, etc. The appeal shall lie to Appellate Authority. Such an appeal shall be preferred within one month from the date of receipt of the order banning business dealing, etc.

10.2 Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the Agency as well as the Competent Authority.

11. Review of the Decision by the Competent Authority

Any petition / application filed by the Agency concerning the review of the banning order passed originally by Chief Executive / Competent Authority under the existing guidelines either before or after filing of appeal before the Appellate Authority or after disposal of appeal by the Appellate Authority, the review petition can be decided by the Chief Executive / Competent Authority upon disclosure of new facts / circumstances or subsequent development necessitating such review. The Competent Authority may refer the same petition to the Standing Committee for examination and recommendation.

12. Circulation of the names of Agencies with whom Business Dealings have been banned

12.1 Depending upon the gravity of misconduct established, the Competent Authority of the Corporate Office may circulate the names of Agency with whom business dealings have been banned, to the Government Departments, other Public Sector Enterprises, etc. for such action as they deem appropriate.

12.2 If Government Departments or a Public Sector Enterprise request for more information about the Agency with whom business dealings have been banned, a copy of the report of the Inquiring authority together with a copy of the order of the Competent Authority / Appellate Authority may be supplied.

12.3 If business dealings with any Agency have been banned by the Central or State Government or any other Public Sector Enterprise, RAILTEL may, without any further enquiry or investigation, issue an order banning business dealing with the Agency and its interconnected Agencies.

12.4 Based on the above, Regions / Units may formulate their own procedure for implementation of the guidelines.

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ANNEXURE-16: PROFORMA FOR PERFORMANCE BANK GUARANTEE**PERFORMANCE BANK GUARANTEE BOND**

(On Stamp Paper of Rs. One Hundred)

(To be used by approved Scheduled Banks)

In consideration of the RailTel Corporation of India Limited, Eastern Region, 19th Floor, Aurora Waterfront Building, Plot no. 34/1, Block -GN, Sector - V, Salt Lake City, Kolkata -700091, West Bengal.

(Herein after called RailTel) having agreed to exempt..... (Herein after called "the said Contractor(s)") from the demand, under the terms and conditions of an Agreement No. dated made between and for (herein after called "the said Agreement") of Performance Guarantee for the due fulfillment by the said Contractor (s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs.....(Rs only). We,(indicate the name of the Bank)here in after referred to as " the Bank") at the request of Contractor(s) do hereby Undertake to pay the RailTel an amount not exceeding Rs..... 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(s) of any of the terms or conditions contained in the said Agreement.

1. We, Bank and our local branch at **Kolkata (indicate detail address of local Kolkata Branch with code no.)** 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 caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or 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.....

2. We, bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) 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(s) / Supplier(s) shall have no claim against us for making such payment.

We, 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(s) and accordingly discharges this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the (1) We shall be discharged from all liability under this Guarantee thereafter.

We, We, (indicate the name of Bank) Further agree with the RailTel that the RailTel shall have the 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 any time or from time to time any of the powers exercisable by the RailTel against the said contractor(s) 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(s) or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.

This Guarantee will not be discharged due to the change in the Constitution of the Bank or the Contractor(s) Supplier(s).

We, the Bank further agree that this guarantee shall be invokable at our place of business at/Kolkata (indicate detailed address of local Kolkata Branch with code no.) The branch at New Delhi is being advised accordingly.

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

Dated the day of 2025

for..... (Indicate the name of the Bank)

Witness

1. Signature & Name

2. Signature & Name

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ANNEXURE-17: PROFORMA FOR CONTRACT AGREEMENT**AGREEMENT**

(CA No. _____ for the work of “ _____ ”

This AGREEMENT is made at Kolkata on this _____ day of _____ two thousand and Twenty four, by and between RailTel Corporation of India Limited (A Govt. of India Undertaking) having its Corporate office at Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi- 110023 and Eastern Regional Office at 19th Floor, Aurora Waterfront Building, Plot No. 34/1, Block GN, Sector-V, Salt Lake City, Kolkata – 700 091 acting in the premises through _____ /Eastern _____ Region (hereinafter referred to as ‘RailTel’, which expression should unless repugnant to the context or meaning thereof include its successors and permitted assigns) of the one part;

And _____ having its registered office at _____ acting in the premises through _____ (hereafter referred to as “Contractor”, which expression should unless repugnant to the context or meaning thereof include its successor and permitted assigns) of the otherpart.

Whereas in response to a call for Tender by RailTel for the work of “ _____ ” as per tender papers at Annexure ‘A’ read with Corrigendum Issued by RailTel hereto, the Contractor has submitted a Tender as per Annexure ‘B’ hereto

AND WHEREAS the said Tender of the Contractor has been accepted for the work of “ _____ ” as per copy of Letter of Acceptance of Tender No. _____ Dated _____ complete with enclosures at the accepted rates and agreed deviations from tender papers as per Annexure-C hereto at contract value of Rs. _____ (Rupees _____ Only) duly accepted by the contractor.

Now this agreement witnesses that in consideration of the premises and the payment to be made by the Purchaser (RailTel) to the Contractor provided for herein, the Contractor shall supply all equipment and materials and execute and perform all works for which the said Tender of the Contractor has been accepted strictly according to the various provisions in Annexure ‘B’ and ‘C’ hereto and upon such supply, execute and performance to the satisfaction of the purchaser (RailTel) and the purchaser (RailTel) shall pay to the Contractor at the rates accepted as per the said Annexure ‘C’ and in terms of the provisions therein.

IN WITNESS whereof both the parties have hereunto set and subscribed their respective hands and/or seals on the day and year respectively mentioned against their respective signatures.

Signed and delivered by Shri _____ for and on behalf of RailTel Corporation of India Ltd.

The contract within named in the presence of:

- Signature :
Date :
Name in Block Capitals :
Address :

2. Signature :
Date :
Name in Block Capitals :
Address :

Signed and delivered by Shri. _____ for and on behalf of
_____, the contractor within
named in the presence of:

1. Signature :
Date :
Name in Block Capitals :
Address :

2. Signature :
Date :
Name in Block Capitals :
Address :

Annexure – A:

Annexure – B:

Annexure – C:

Annexure – D:

Tender Paper No. _____ with corrigendum, if any.

Firm's offer.

Letter of Acceptance No. _____ with all enclosures.

Copy of Contract Performance Guarantee.

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ANNEXURE-18: STANDING INDEMNITY BOND

(For on Account Payments and Stores supplied by RailTel)

(On Non-Judicial Stamp paper of Rs. 100/-)

We, M/s _____ hereby undertake that we hold at our Stores Depot/s at _____ for and on behalf of RailTel Corporation of India Limited in the premises through PED/RGM/RailTel/----- Region or his successor hereinafter referred to as the Purchaser all materials for which On Account payments have been made to us against the Contract for vide letter of Acceptance/PO of Tender No. __ and the materials handed over to us by the Purchaser for all purpose of execution of the said Contract, until such time the materials are duly erected or otherwise handed over to him.

We shall be entirely responsible for the safe custody and protection of said materials against all risk till they are duly delivered as erected equipment to the purchaser or as he may direct otherwise and shall indemnify the Purchaser against any loss, damage or deterioration whatsoever in respect of the said materials while in our possession and against disposal of surplus materials. The said materials shall at all times be open to inspection by any engineer authorized by the Regional General Manager (RGM)/Principal Executive Director (PED) ----- Region (whose address will be intimated in due course).

Should any loss, damage or deterioration of materials occur or surplus materials disposed off and refund becomes due, the purchaser shall be entitled to recover from us the full cost as per prices included in the Contract (as applicable) and also compensation for such loss or damage, if any, along with the amount to be refunded without prejudice to any other remedies available to him by deduction from any sum due or any sum which at any time hereafter becomes due to us under the said or any other Contract.

In the event of any loss, damage or deterioration as aforesaid the assessment of such loss or damage and the assessment of such compensation therefore would be made by the RGM/PED/RailTel/----- Region, or his authorized nominee and the said assessments shall be final and binding upon us.

Dated this day of, [year]

for and on behalf of M/s. _____

(Contractor)

Signature of witness

Name and witness in Block letters Address

RAILTEL

ANNEXURE-19: LAND BORDER CERTIFICATE

Certificate to be given by the Tenderer:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that I am not from such a country or, if from such a country, I have been registered with the Competent Authority. I hereby certify that I fulfil all requirements in this regard and I am eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Dated this day of, [year]

for and on behalf of M/s. _____

(Contractor)

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ANNEXURE-20: SPECIFICATIONS

As per Customer RFP

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