



**RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023
P:011-22900600, F: 011-2290069**

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

**Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023**

ELECTRONIC TENDER DOCUMENT

FOR

राउटर, फाइबर स्विच और एसएफपी की आपूर्ति के लिए दर अनुबंध में प्रवेश के लिए ओईएम / विक्रेता का चयन

Selection of OEM/Vendor for entering in to Rate Contract for the Supply of Router, Fiber Switches and SFPs

**खुली-E-निविदान: RailTel/Tender/OT/CO/TP/2025-26/Rate Contract-Router & switches/05
dated 17.10.2025**

**OPEN E- TENDER NO: RailTel/Tender/OT/CO/TP/2025-26/Rate Contract-Router &
Switches/05 dated 17.10.2025**

(Through Two Packet e-Reverse Auction System)

Due date for opening: 20.11.2025

खुली निविदा सूचना

ई-टेंडर सूचना संख्या: रेलटेल/टेंडर/ओटी/सीओ/टीपी/2025-26/रेट कॉन्ट्रैक्ट-राउटर एवं स्विचेस/05
दिनांक 17.10.25

रेलटेल कॉर्पोरेशन ऑफ इंडिया लि. (रेलटेल) “राउटर, फाइबर स्विच और एसएफपी की आपूर्ति के लिए दर अनुबंध में प्रवेश करने के लिए ओईएम/विक्रेता का चयन” के लिये भारतीय पंजीकृत फर्मों से दो पैकेट रिवर्स नीलामी के माध्यम से ई-टेंडर आमंत्रित करता है।

क)	निविदा का डाउनलोडिंग के खुलने की तिथि	17.10.2025
ख)	बोली प्रस्तुत करने की अंतिम तिथि और समय	20.11.2025 को 15.00 बजे तक
ग)	बोली-पूर्व प्रश्न जमा करने की अंतिम तिथि	06.11.2025 को 18.00 बजे तक
घ)	ई-बिड खुलने की तिथि और समय	20.11.2025 को 15.30 बजे
इ)	निविदा की लागत(ए एम सी को छोड़कर)	लगभग रु. 33.45 Cr (टैक्स सहित)
च)	बयाना राशि (ईएमडी)	रु. 66.9 Lakhs.
छ)	निविदा दस्तावेज की फीस	शून्य
ज)	TReDS सुविधा उपलब्ध है	हाँ, m1xchange पोर्टल पर (url: https://www.m1xchange.com)

नोट: निविदा सूचना और निविदा प्रलेख रेलटेल की वेबसाइट पर उपलब्ध हैं और www.railtelindia.com या ई-टेंडरिंग पोर्टल <https://www.railtel.enivida.com> से डाउनलोड किए जा सकते हैं। ऑनलाइन बोली जमा करने के लिए निविदाकर्ता को पोर्टल <https://www.railtel.enivida.com> से निविदा प्रलेख की आधिकारिक ऑनलाइन प्रति डाउनलोड करनी होगी। सभी भविष्य की जानकारी अर्थात् इस निविदा के लिए शुद्धिपत्र / परिशिष्ट / संशोधन आदि ई-निविदा पोर्टल, रेलटेल वेबसाइट और सीपीपी पर पोस्ट की जाएगी। रेलटेल कार्यालय से निविदा प्रलेख की मुद्रित प्रति नहीं बेची जाएगी।

यह निविदा रेलटेल के इंटीग्रिटी पैकेट प्रोग्राम के तहत कवर की गई है और बोलीदाताओं को इंटीग्रिटी पैकेट पर हस्ताक्षर करने और बोली के साथ ही रेलटेल को जमा करने की आवश्यकता है।

बोली दाता तैयारी, बोली की तैयारी/प्रस्तुति /भागीदारी से संबंधित सभी लागतों को वहन करेगा। रेलटेल किसी भी तरह से आचरण या परिणाम की उदासीनता से इन लागतों के लिए जिम्मेदार या उत्तरदायी नहीं होगा।

महाप्रबंधक/टीपी



RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023
P:011-22900600, F: 011-2290069

E-Tender Notice No. RailTel/Tender/OT/CO/TP/2025-26/Rate Contract-Router & Switches/05 dated 17.10.2025

RailTel Corporation of India Ltd. (RailTel) invites E-Tenders through reverse auction in Two Packet (Part I –Credential/ Techno commercial Bid and Part II - Price Bid) System for **“Selection of OEM/ Vendor for entering into Rate Contract for the Supply of Router, Fiber Switches and SFPs”**

a)	Opening date of Tender downloading	17.10.2025
b)	Submission date of e-bids	20.11.2025 upto 15:00 hrs. (Online)
c)	Last date for submission of queries	06.11.2015 till 18:00 Hrs
d)	Opening of e-bids	20.11.2025 at 15:30 hrs.
e)	Approximate cost of Tender	Rs. 33.45 Crore
f)	Earnest Money (EMD)	Rs. 66.9 Lakhs is to be made in favor of RailTel Corporation of India Ltd. online through e-nivida Portal
g)	Cost of Tender Document	NIL
h)	TReDS facility is available	Yes, at m1xchange Portal (url: https://www.m1xchange.com)

Note: Tender Notice and Tender Document are available on RailTel’s website and can be downloaded from www.railtelindia.com or from the e- portal <https://railtel.enivida.com> (E-NIVIDA). For online bid submission the bidder will have to necessarily download an official online copy of the tender documents from e-nivida portal. All future Information viz. corrigendum /addendum/ amendments etc. for this Tender shall be posted on the e-Tendering Portal only. Printed copy of Tender document will not be sold from RailTel office.

This tender is covered under Integrity Pact Programme of RailTel and the bidders are required to sign the Integrity Pact and submit the same to RailTel along with the bid.

The bidder shall bear all costs associated with the preparation, submission/participation in the bid. Purchaser in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

General Manager/Technology Planning

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(This tender document consists of 116 pages)

Section-I**Chapter-1****Schedule of Requirements**

SOR No.	Item Description	Unit	Qty	Cost of Supply Items		Cost of AMC		Total Cost (Supply + AMC) with taxes (in Rs.)
				Unit Price with tax (in Rs.)	Total Price with tax (in Rs.)	Unit Price for 1 Year with Tax (In Rs.)	Total Price for 5 Years with Tax (In Rs.)	
			(a)	(b)	(c = a*b)	(d)	(e = a*d*5)	(f = c + e)
Router								
1	Type-I Router (SDN category)	Nos.	80					
2	Type-II Router (SDN category)	Nos.	46					
Fiber Switches								
3	Type-I Ethernet Fiber Switch	Nos.	400					
4	Type-II Ethernet Fiber Switch (MPLS)	Nos.	246					
5	Type-III Ethernet Fiber Switch (MPLS)	Nos.	357					
6	Type-IV Ethernet Fiber Switch	Nos.	874					
SFPs								
7	SFP28-ER/ZR-25G	Nos.	612					
8	SFP28-LR/ER-25G	Nos.	612					
9	QSFP+-ER- 40G	Nos.	649					
10	QSFP28-LR4-100Gbps	Nos.	473					
11	QSFP+- LR4-40G	Nos.	536					
12	SFP+ -LR/ER-10G	Nos.	1326					
13	SFP+ ER- 10G	Nos.	1748					
Total Cost of schedule of Supply (SOR-1 to 13)								

Note:

- | | |
|----|--|
| 1. | APO/BPO will be given initially and Sub PO may be issued depending upon the business requirement of RailTel. |
| 2. | Unit rate quoted against SOR above should be CIP destination inclusive of all duties, taxes, insurance and freight etc. |
| 3. | Tenderer to give the detailed Bill of Material including break up of total unit cost. SPO may also be issued for cards/ modules etc. as per BOM. |
| 4. | AMC cost will be used in evaluation of tender against each SOR |



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Annexure-A:

Price Schedule for Supply Items

SN	Description			HSN Code	Total Qty	EX-Factory Price (Basic Unit Price exclusive of all levies and charges) (in Rs.)		Pkg & Forwarding Charges		Freight & Insurance Charges		Other Charges (to and Levies (to be specified by bidder)		CGST, IGST, SGST & GST		Price Per Unit (all inclusive) for delivery at destination (4+6+8+9+11)	
1.	2	3	4	5	6	7	8	9	10	11	12						
2.																	
3.																	
4.																	

Annexure-B:

Price Schedule for AMC:

SN	Description	Total Qty in yrs	HSN Code	Basic Unit Price	Other Charges and Levies	IGST/ CGST/ SGST/ GST	Price Per Unit (all inclusive)
1.							
2.							
3.							
4.							

Information to Bidder for Compliance:

1. Unit rate quoted against SOR above should be CIP destination inclusive of all duties, taxes, insurance and freight etc. (with break-up as per Performa attached as Annexure-A and B of this Chapter). The materials as per SOR are required to be delivered at site and it shall be the responsibility of Tenderer to transport the equipment to site.
2. All items should be quoted as per Technical specifications defined in Chapter-4.
3. In the specification wherever support for a feature has been asked for, it will mean that the feature should be available without RailTel requiring any other hardware/software/licenses. Thus, all hardware/software/licenses required for enabling the support/feature shall be included in the offer.
4. The Tenderer/bidder should be an Original Equipment Manufacturer (OEM) or authorized representative of OEM specifically authorized by OEM for bidding in this tender.
5. OEM or Authorized distributor/Partner of OEM should have a registered office in India to provide sales and 24x7 support in India. The certificate of incorporation to this effect should be submitted.
6. Equipment offered shall have complete data sheets and detailed description on OEM web sites.
7. Bidder shall submit the detailed BOM of the equipment's offered duly verified and certified by the respective OEM. The detailed BOM shall indicate quantities of various modules/sub modules/cards/Licenses required for each equipment's.
8. Tenderer should provide the details of all possible supported interfaces/ modules/ cards/ SFPs/ XFPs/ Licenses etc. for the offered equipment which may be required for the network, if any at later stage, will be provided by vendor to RailTel free of cost.
9. AMC cost will be used in evaluation of Tender as defined in clause 3.8 of Chapter-3.
10. Bidder has to quote for all SOR, and evaluation will be done on totality.
11. Only Class-I local suppliers (meeting minimum 50% local content) & Class-II local suppliers (meeting minimum 20% local content) are eligible to participate in this tender. For more detail refer clause no. 3.10 of Tender Document.
12. The tenderer shall make available the offered products during technical evaluation for testing and benchmarking to RailTel at any testing facility approved by RailTel. Tenderer shall provide all the required equipment and accessories for above testing at testing facility. Tenderer shall bear all the cost of above testing. RailTel shall provide only rack space and power supply. Decision of RailTel shall be final and binding in this regard.
13. Bidder/OEM should provide professional training (20 Man week) and professional OEM support services for integration of equipment with existing Network.

CHAPTER- 2**BID DATA SHEET (BDS)**

The section consists of provisions that are specific to various Clauses of the tender document:

Reference	Description
Tender Notice	Name of work: Selection of OEM/ Vendor for entering into Rate Contract for the “Supply of Router, Fiber Switches and SFPs as ”.
Clause 6.16, Chapter-6	Validity of offer 120 days.
Clause 8.28 Chapter-8	Warranty 36 months from date of Supply.
Clause 3.2, Chapter-3	Delivery Period 120 Days from each PO/Sub PO
Clause 7.2, Chapter-7	Purchaser’s Right to Vary Quantities (A) Upto maximum extent of +/- 50% subject to following condition i. Upto +25% with no rebate. ii. From +25% to +40% with 2% rebate iii. From +40% to +50% with 4% rebate (B) For variation beyond +50% of the quantity mentioned in the SOR may be done after proper negotiation with the selected bidder.
Clause 6.4, Chapter-6	Earnest Money Deposit (EMD)/ Bid Security: Rs. 66.9Lakhs /- through e-nivida Portal
Clause 3.13, Chapter-3	Clarification Requests Last date of Submission of Clarification Date: 06.11.2025
Tender Notice	Last Date of Submission of Offer Date: 20.11.2025 Time: 15:00 hours
Tender Notice	Date of Opening of Tender (Online) Date: 20.11.2025 Time: 15:30 hours Venue: RailTel Corporation of India Ltd. Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110025

Chapter - 2-A

E-tendering Instructions to Bidders

1. INSTRUCTIONS FOR ONLINE BID SUBMISSION:

- i. Following are the instruction for online bid submission as per the term and conditions:

The bidders are required to submit soft copies of their bids electronically on the e-tender Portal, using valid Class 3 Digital Signature Certificates. 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. **Prepare their bids in accordance with the requirements and submitting their bids online on the e-tender Portal.**

More information useful for submitting online bids on the e-tender Portal may be obtained at:

<https://railtel.enivida.com>.

2. REGISTRATION:

- i. Bidders are required to enroll on the e-Procurement Portal (URL: <https://railtel.enivida.com>) by clicking on the link “Online bidder Registration” on the e-tender Portal by paying requisite Registration fee as mentioned on the e-portal.
- ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- iii. 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 bidder.
- iv. 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.
- v. Only one 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.
- vi. 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.
- vii. **The scanned copies of all original documents should be uploaded in pdf format on portal <https://railtel.enivida.com>.**
- viii. **After completion of registration payment, you need to send your acknowledgement copy on our help desk e-mail id ewizardhelpdesk@gmail.com for activation of your account**

3. SEARCHING FOR TENDER DOCUMENTS

- i. There are various search options built in the RailTel Corporation of India Limited e-tender Portal, to facilitate bidders to search active tenders by several parameters.
- ii. Once the bidders have selected the tenders they are interested, they can pay the processing fee as mentioned on the e-portal (Including GST) (NOT REFUNDABLE) by net-banking / Debit / Credit card. After that respective contractor/Vendor may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders 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 tender document.

4. PREPARATION OF BIDS:

- i. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- ii. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- iii. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with colored option which helps in reducing size of the scanned document.
- iv. 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, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
- v. 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.

5. SUBMISSION OF BIDS:

- i. 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 any issues.
- ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by RailTel.
- iii. Bidder has to select the payment option as "Online Payment" to pay the tender fee / EMD as applicable and enter details of the instrument.
- iv. Bidder should submit the EMD online as per the instructions specified in the tender document. In case of non-submission of EMD amount (where applicable) online, the uploaded bid will be summarily rejected.
- v. 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 price bid has been given as a standard BOQ format with the tender 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 white Colored

(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 filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

- vi. 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.
- vii. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- viii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- ix. Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Tender 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.
- x. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

6. ASSISTANCE TO BIDDERS:

- a. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 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 24x7 Helpdesk Support.

Please feel free to contact RailTel E-Nivida Helpdesk (as given below) for any query related to e-tendering.

i. Helpdesk landline No: 011-49606060

ii. Mr. Amrendra (9355030628)

iii. Mr. Birendra Kumar (09205898228)

c. RailTel Contact Details:

Contact-I (for general Information)
Mr. Himanshu Kumar: GM/TP
Telephone 0124-2714000

E-mail ID: himanshu@railtelindia.com

RailTel Contact-II (for general Information)
Ms. Deepti Chauhan: Sr. DGM/TP
Telephone 0124-2714000
E-mail ID: deeptichauhan@railtelindia.com

7. BID RELATED INFORMATION FOR THIS TENDER

The entire bid-submission would be online on RailTel E-Nivida Portal.

Broad outline of submissions are as follows:

- i. Submission of Bid Security/ Earnest Money Deposit (EMD)
- ii. Submission of digitally signed copy of Tender Documents/Addenda
- iii. Two Packet
- iv. Online response to Terms & Conditions of Tender.
- v. (Optional) Online Submission of modification, substitution bids for technical or financial parts, or withdrawal bid.

NOTE: Bidder must ensure that the bid must be successfully submitted online as per instructions of RailTel E-Nivida Portal.

8. ONLINE SUBMISSIONS:

The bidder is required to submit all the relevant documents online only with the following documents.

- a. EMD submission as per details mentioned in tender notice.
- b. Tender Cost submission as per details mentioned in tender notice.
- c. Power of attorney to be submitted online in accordance with Clause-6.25 of Chapter 6.
- d. In case bidder happens to be an MSE bidder, the documentary evidence for same shall be submitted on line.

9. SUBMISSION OF ELIGIBILITY CRITERIA RELATED DOCUMENTS:

Eligibility criteria related documents as applicable shall also be scanned and submitted “ONLINE”

NOTE: In case of internet related problem at a bidder's end, especially during 'critical events' such as a short period before bid-submission deadline, during online public tender opening event, during e-auction, it is the bidder's responsibility to have backup internet connections.

In case there is a problem at the e-procurement/ e-auction service provider's end (in the server, leased line, etc.) due to which all the bidders face a problem during critical events, and this is brought to the notice of RailTel by the bidders in time, then RailTel will promptly reschedule the affected event(s).

10. INSTRUCTIONS FOR TENDER DOCUMENT TO THE BIDDERS:

The RailTel Tenders are published on www.railtelindia.com and on RAILTEL E-NIVIDA Portal <https://railtel.enivida.com/>.

NOTE: For online bid submission the bidder will have to necessarily download an official online copy of the tender documents from RAILTEL E-NIVIDA portal, and this should be done well before the deadline for bid-submission.

11. SUBMISSION OF OFFERS AND FILLING OF TENDER:

This e-tender should be duly submitted online using the e-Procurement Portal <https://railtel.enivida.com/>. For detailed instructions please refer to RAILTEL E-NIVIDA Portal.

12. ATTENDANCE OF REPRESENTATIVES FOR TENDER OPENING:

Representatives of bidders desirous to attend the tender opening can do so on production of a proper letter of authority from the respective firm, failing which they may not be allowed to attend the tender opening. Authorized representatives of those firms who have submitted the tender documents alone shall be allowed to attend the tender opening.

13. E- REVERSE AUCTION:

The procurement in this tender will be done on reverse auction. The procedure for the reverse auction will be as per e-Portal which is briefly summarized as under:

13.1.0 Bids are required to be submitted through e-portal only.

13.1.1 In addition to the instructions given above, the bids shall be processed through One/Two Stage Reverse Auction method, to be implemented through E-NIVIDA portal. Two packets system shall be followed for the 1st stage of reverse auction, which means that Techno-commercial bid will be opened first; and after deciding the suitability or otherwise of the technical bids, the financial bids of only those firms which are found to be suitable shall be opened. In the beginning of the subsequent years, only financial offers followed by reverse auction through e-portal shall be applied.

(For details please refer also user manual for contractors-for Two Stage Reverse Auction (Goods & Services Module) of e-portal.)

13.1.2 The financial bid of those firms whose technical bids have been found to be suitable shall be opened on or after scheduled date and time. The financial tabulation statement shall be generated immediately thereafter and can be viewed by the participating bidders by logging into e-portal account.

13.1.3 After opening the financial bids, the tendering department shall schedule the start of reverse auction. The tenderers who are eligible for the participation in the reverse auction process can view the reverse auction catalogue by logging into their e-portal account.

13.1.4 The lowest Initial Price Offer (L1 offer price) as submitted by the technically qualified bidders during the financial evaluation stage shall constitute the base price for starting the reverse auction. The base price shall be notified to the bidder.

13.1.5 Date and time of start of RA will be informed by e-portal website/RailTel Website.

13.1.6 Selection of vendors for RA shall be as under:

- i) If the number of tenderers qualified for award of contract is less than 3, No RA shall be conducted and the tender shall be decided on the basis of initial price offer.

- ii) If the number of tenderers qualified are 3 to 6, only 3 tenderers shall be eligible for participating in RA.
- iii) If the number of tenderers qualified are more than 6, only 50% of tenderers shall be eligible for RA (rounded off to next higher integer).
- iv) The bids disallowed from participating in the RA shall be the highest bidder(s). In case the highest bidders quote the same rate, the initial price offer received last as per time log of e-portal, shall be removed first, on the principle of last in first out, by e-portal system itself.

Initial Cooling Off period shall be 2 hours.

Auto Extension Period shall be 20 minutes.

Minimum Decrement in percentage shall be 0.1% of Current Lowest Bid.

- 13.1.7 Once the reverse auction process is closed the lowest rate received in the reverse auction/financial offer will be evaluated. RailTel reserves the right to hold negotiation with the bidder who becomes L1 after the completion of Reverse Auction process. RailTel also reserves the right not to consider the lowest bid received in the reverse auction/financial bid process.
- 13.1.8 In case of no participation in RA process by any bidder, the base value of RA process will be considered for commercial bid assessment.
- 13.1.9 Technical e-RA training can be opted by the bidder to know the procedure of e-RA (Reverse Auction).
- 13.1.10 RailTel may discharge the tender at any stage without assigning any reason.
- 13.1.11 Bidders may please note that Bidding close Date/Time gets extended automatically every time an offer is received against the tender during a time interval equivalent to Cooling Off prior to the closing date and time. For example : If the Closing Time of RA is 13:00 Hrs and the Cooling Off period is 30 Minutes, if two offers are received between 12:30 Hrs and 13:00 Hrs, let's say at 12:40 Hrs and 12:55 Hrs, the Closing Time shall be extended by 30 Minutes from the time of submission of the last bid i.e. up to 13:25 Hrs.

Note: In case, If the number of tenderers qualified for award of contract is less than 3, RA shall be conducted between technically eligible bidders.

13.2.0 Award of Contracts

Financial Evaluation Reverse Auction (e-RA):

After the evaluation of technical proposals, the financial bids (initial price offer) of those firms whose technical bids meet eligibility criteria shall be categorized as qualified for the purpose of Reverse Auction (e-RA). These financial bids shall be opened on the scheduled date and time (as per procedure explained in the e-portal User Manual for vendors – Two Stage Reverse Auction Goods & Services Module. The e-RA procedure has been implemented through e-Portal and as per guidelines issued by Ministry of Railways Letter No. 2017/Trans/01/Policy/Pt-S Dated 28.03.2018. As per the procedure a minimum of three bids are mandatory for conduct of e-RA. In case the numbers of qualified bids are less than three, the L-1 would be decided on the initial price offer quoted by the bidder by e-portal. In case of more than three qualified bidders, the e-RA as explained in the manual mentioned above will be implemented. After the end of e-RA, L-1, L-2 and so on stand identified.

Note:

After completion of eRA, rates of L-1 bidder shall be reduced proportionately among all SOR items based on reduction achieved during eRA.

(End of Chapter- 2A)

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CHAPTER-3**SPECIAL TENDER CONDITIONS**

3.1 The Tenderer shall quote Total all Inclusive Rate of Supply & AMC clearly indicating the breakup of rates, applicable duties and taxes, etc. as detailed in the offer form only.

3.2 Delivery Period:

Material is required to be delivered by the supplier at the location/consignee within 120 days from the date of issue of each Sub-PO issued against Advance Purchase order.

3.3 Eligibility Criteria:

The Tenderer/bidder should be an Original Equipment Manufacturer (OEM) or authorized representative of OEM specifically authorized by OEM for bidding in this tender.

3.3.1 Eligibility Criteria for Bidders:

The Bidder participated in the tender may be a sole Bidder / OEM / JV / Consortium

SN	Basic Requirement	Eligibility Criteria Requirements	Supporting Document Required
1.	Legal Entity	The bidder should be a Company registered in India under the Companies Act (India) with their registered office in India should have been operating for the last three years. OR The bids from Consortium/ Joint Venture entity are also allowed.	Certificate of Incorporation / Registration or Memorandum of Association (MoA) In case of JV / Consortium Agreement for Consortium/ Joint Venture.
2.	Financial Capability	The bidder should have minimum cumulative turnover from operation in the previous three financial years and the current financial year, at least 150% of the advertised value of the tender i.e. 50.18Cr. i) For Startups* (recognized by Department of Industrial policy and promotion, Ministry of Commerce and Industry) only 1/3 of minimum cumulative contract amount.	Certificates to this effect which may be an attested Certificate from the concerned department / client or Audited Balance Sheet duly certified by the Chartered Accountant / Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Submitted certificate should have valid Unique Document Identification Number (UDIN)
3.	Technical Capability	The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:	Completion certificates with Satisfactory working and value of the work completed from the User Organizations is required to be submitted.

SN	Basic Requirement	Eligibility Criteria Requirements	Supporting Document Required
		<p>One similar work# each costing not less than the amount equal to 60% of advertised value of the tender i.e. 20.07Cr. or Two similar works# each costing not less than the amount equal to 40% of advertised value of the tender i.e. 13.38Cr. or Three similar works# each costing not less than the amount equal to 30% of advertised value of the tender i.e. 10.04Cr.</p> <p>For Startups* (recognized by Department of Industrial policy and promotion, Ministry of Commerce and Industry), the bidder should have completed in last three financial years, ending last day of month previous to the one in which tender is invited:</p> <p>Single order of similar work# each costing not less than the amount equal to 35% of advertised value of the tender i.e. 11.71 Cr. or Two orders of similar work# each costing not less than the amount equal to 20% of advertised value of the tender i.e. 6.69Cr., or Three orders of similar work# each costing not less than the amount equal to 15% of advertised value of the tender 5.02Cr.</p> <p>Note: Completion of work should fall in the above period. The bidder shall also furnish work completion/ substantial work completion certificate issued by customer/s for the Purchase Orders/ Work Orders. Substantial completion shall be 80% (value wise) or more works</p>	<p>In case of substantially completed work, certificate from user for bidder share regarding total value of bidders share of work and value of completed work (minimum 80% of total value of bidders share of work) is required to be submitted.</p> <p>In case of composite work purchase orders, bidder shall submit CA certificate certifying the actual amount pertaining to similar work definition as mentioned in the clause.</p> <p>Purchase order copy in this regard may also be submitted.</p> <p>Past Experience details to be attached with Bid.</p> <p>(The set of document(s) submitted should clearly certify eligibility criteria and should be verifiable from the user/customer)</p>

SN	Basic Requirement	Eligibility Criteria Requirements	Supporting Document Required
		<p>completed under the contract. For contracts under which bidder participated as a Joint Venture member or sub-contractor, only the bidder's share, by value, shall be considered to meet this requirement.</p> <p># Similar Work: Projects of Telecom Transmission Network / Data Network /IT/Broadband Network in Government / PSUs / Telecom Service Providers network/ISP Network/ Public listed company^.</p> <p>Note: ^ - Work experience certificate issued by Public listed company having average annual turnover of Rs 500 Cr and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of opening of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.</p>	
4.	No Black Listing	The bidder (in case of consortium/JV, all members) including Sub contractors should not have been black listed during past three years by Central Govt./State Govt./CPSU/any reputed Telecom service provider in India or anywhere globally by Government for the supply of material / security reasons.	Self-Declaration by the Bidder on Company's letter head
5.	Bidder Type	The Bidder or their promoters having equity stake or operating partnership in bidder, should not be holding valid License for Telecom service provider/ ISP/ NLD, Services License of Government of India for Telecom Operation.	Undertaking to be submitted by the Bidder
6.	MAF	Bidder should have authorization specific to this tender from respective OEM as per Form no. 3 of Chapter 9.	MAF as per Form no. 3 of Chapter 9.

SN	Basic Requirement	Eligibility Criteria Requirements	Supporting Document Required
7.	Intellectual Property Rights of Hardware and Source Code of Software	The bidder shall ensure that the Intellectual Property Rights of Hardware and Source Code of Software supplied under this project must not reside in any Country that shares a Land Border with India.	Self-Declaration by the Bidder on Company's letter head.

Relaxations given in eligibility criteria for startups are indicative in nature and startup companies are required to submit their proposal for seeking relaxation in above mentioned eligibility criteria. Their proposal will be dealt on case to case basis only.

Note:

Credentials if submitted in foreign currency shall be converted into Indian currency i.e., Indian Rupee as under:

The conversion rate of US Dollars into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India for the relevant date. Where, relevant date shall be as on the last day of month previous to the one in which tender is invited. In case of any other currency, the same shall first be converted to US Dollars as on the last day of month previous to the one in which tender is invited, and the amount so derived in US Dollars shall be converted into Rupees at the aforesaid rate. The conversion rate of such currencies shall be the daily representative exchange rates published by the International Monetary Fund for the relevant date.

Note: The Lead bidder should meet the eligibility criteria. In their own interest the tenderers, who form such consortia, are advised to investigate capabilities, availability of resources, experienced personnel, financial soundness, past experience and concurrent engagements of Constituting partners.

3.3.2 Eligibility Criteria for OEM's (Routers and Switches):

OEM's whose products are proposed to be used in this deployment should meet following criteria:

SN	Eligibility Criteria Requirements	Supporting Document Required
1.	<p>The Equipment offered by the OEM or equipment/software of the same series/family from the same OEM should have been satisfactorily working in Government/PSUs/Telecom Service Providers/ Public Listed Company for at least 12 months as on date of opening of tender, in India or Abroad.</p> <p>Work experience certificate issued by Public listed company having average annual turnover of Rs 500 Cr and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange or any global stock exchange, incorporated/registered at least 5 years prior to the date of opening of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.</p>	<p>Satisfactory Working certificate from End User clearly mentioning the make & model number of the offered Hardware.</p> <p>An undertaking by the OEM has to be submitted in support, in case issued satisfactory working certificate is the immediate predecessor of same series/family of the offered Hardware.</p>

SN	Eligibility Criteria Requirements	Supporting Document Required
2.	<p>OEM should have supplied the equipment offered or equipment/software of the same series/family at least 35% of the tendered value during last preceding 3 financial years (i.e. current year and three previous financial years) as on opening date of bid to Government/PSUs /Telecom Service Providers / Public Listed Company in India or Abroad or 35% of their offered equipment cost by respective OEM against SOR.</p> <p>Work experience certificate issued by Public listed company having average annual turnover of Rs 500 Cr and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange or any global stock exchange, incorporated / registered at least 5 years prior to the date of opening of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.</p> <p>Note: For Startups*(recognized by Department of Industrial policy and promotion, Ministry of Commerce and Industry) only 1/3 of value as mentioned above is required.</p>	<p>OEM should submit self-certificate with proper contact detail of clients along with PO reference and amount supplied (Details of purchaser Organization - Firm Name, Firm Address, Name of Contact person, Designation, Telephone Number, Fax, Official mail id etc.).</p> <p>The self-certificate by OEM shall mention that the supplied equipments/software are of same series/family or its immediate predecessor.</p> <p>RailTel reserves the right to verify PO reference and amount supplied from Purchaser Organization. POs issued in the name of System Integrator are also acceptable.</p> <p>For required amount, multiple POs in favour of OEM's System Integrators are also acceptable.</p>
3.	<p>Undertaking by OEM on their respective letter Heads -</p> <p>a) OEM should have proven facilities for Engineering, manufacture, assembly, integration, testing and basic facilities with respect to space, Engineering, Personnel, Test equipment, Manufacture, Training, Logistic Supports for at least past three years in the country from where the proposed equipment are planned to be supplied. In case OEM is located outside India, it should have service facilities in India also (Point-A of form no. 5).</p> <p>b) OEM should not have been black-listed currently by Central Govt./State Govt./CPSU in India or anywhere globally by Government for security reasons (Point-B of form no. 5).</p> <p>c) Hardware and Software supplied by OEM should not have any malicious code (Point-C of form no. 5).</p> <p>d) The OEM shall ensure that Intellectual Property Rights of Hardware (including MAC address) and Source Code and of Software must not reside in any Country that shares a Land Border with India. Moreover, OEM must ensure that they are not</p>	<p>Self- Declaration by the OEMs on Company's letter head for Point- A, B, C & D of Form no.5 of Chapter-9.</p>

SN	Eligibility Criteria Requirements	Supporting Document Required
	getting 3rd party manufacturing from any Country that shares a Land Border with India. Note: OEM's from country that shares a Land Border with India are allowed to offer their products provided OEM's is registered with DPIIT as per Clause 3.21 of Chapter-3. (Point-D of form no. 5)	
4.	The OEM should be registered on Trusted Telecom Portal (Authority: DOT notification No. 20-1263/2021-AS-I Dated: 30.03.2021, https://trustedtelecom.gov.in).	Self- Declaration by the OEMs on Company's letter head

Note: 1. Bidder/OEM shall submit proper contact detail of all the users (Firm Name, Contact person, Designation, Telephone Number, Fax, Official mail id etc.) for all the certificates asked in the Qualification Criteria. The bidder is required to submit complete chain of credentials, e.g. purchase order (prices blanked out), showing relevant value of the PO and satisfactory working/implementation certificate issued by the user/customer. Purchase orders without relevant organization's confirmation through a credential letter will not be considered as implementation certificate from the client.

2. Same series/family refers to products from the same OEM line that support Routing, Switching, or Optical Transport function.

3. As per the latest Public Procurement (Preference to Make in India) Order (till opening of tender), eligible Class-I local suppliers (OEMs) shall be exempted from the eligibility criteria specified under Clauses 3.3.2-1 and 3.3.2-2 of this tender. However, OEMs seeking such exemption must fulfill the following conditions:

- Submit valid documentation from OEM confirming Class-I local supplier status in accordance with the latest DPIIT guidelines.
- Proof of concept (POC) shall be conducted in accordance with technical requirements defined in Tender.
- Payment shall be made against Supply after successful deployment of equipment's with satisfactory performance of equipment's for minimum 6 months period in RailTel.

3.4 Evaluation Criteria:

- The bidder shall quote the equipment prices as per the price format given in chapter 1.
- Bidder should quote for all the items. The Offers will be evaluated on total cost including AMC Cost as quoted.
- The offers for respective Item will be determined on Total Unit Rate on CIP destination basis which will include basic rate, GST, freight, insurance and any other charge or cost quoted by the tenderer.
- Offers from the tenderers not meeting the eligibility criteria will not be considered.

In case of two Packet

- The bidder has to submit the bid in two separate bids containing technical bid and price bid on e-procurement portal only.

- ii) The technical bids of all the bidders will be evaluated first based on the tender conditions/eligibility criteria and the financial bids will be opened only of the technically qualified bidders.

3.5 Issue of Advance Purchase Order (APO)/ Blanket Purchase Order (BPO) and Sub-PO (SPO):

- 3.5.1** Purchaser will issue advance purchase order to the successful bidder/s for the amount in total. Depending on the actual requirement at different locations across the country at different times, Concerned Region (as detailed in clause no. 7.10) will issue sub purchase order/s against this Advance P.O. The supplier will have to honor all the sub purchase orders issued within the initial currency (i.e. two years) of Advance P.O. and complete the supplies within the contracted delivery period.
- 3.5.2** This advance purchase order would be valid for one year from the date of issue with a provision of further extension of maximum for one year as per RailTel's sole discretion at the same terms and conditions. Bidder has to accept and extend the same without asking any price variation. It will be a binding on the bidder.
- 3.5.3** The issue of Advance purchase order in favor of the successful bidder/s shall constitute the intention of the purchaser to enter into contract with the bidder. The bidder shall have to furnish the acceptance along with performance bank guarantee as per clause 6.5 within 30 days of issue of Advance PO.

3.6 Bill Passing & Paying Authority:

Accounting unit/bill passing unit for the supplies under SOR is General Manager/TP of Corporate Office. Bills will be submitted to the GM/TP/CO for payment.
Bill paying authority will be GM/GM (Finance)/CO.

3.7 Training:

- 3.7.1** During execution of the supplies covered in the SOR in the field, the tenderer shall undertake to train RailTel engineers nominated by RailTel in different aspects of equipment designs, functioning, field installation, testing, commissioning, operation, maintenance and repair, covering both hardware and software. The training should be comprehensive for transfer of complete know-how so as to impart full knowledge and competence to independently and successfully execute the installation, operation, user related software changes, maintenance and repair of all equipment.
- 3.7.2** The tenderer shall arrange formal class room training as per approved course structure for 20 men-weeks at each RailTel region and shall also include hands on practical experience at the manufacturer's/bidder's premises. Set of Documents related to training to each of the trainees shall be provided. All expenses of Training shall be borne by the tenderer however expenses for travel to and from the place of training, boarding and lodging of the trainees shall be borne by RailTel.

3.8 Long Term Maintenance Support/AMC:

- 3.8.1** Bidder shall provide maintenance support for a minimum period of 5 years after successful completion of warranty obligations. The long term maintenance support shall be

comprehensive and include all hardware and software equipment supplied against this contract. RailTel should be extended the benefits of software update/up-grades made by OEM on the system from time to time to improve performance. During this period the scope of work as mentioned in clause 2 of tender document & its sub clauses will be applicable.

- 3.8.2** Bidder shall be paid @ 5% (minimum) of supply cost (basic price excluding taxes, levies and all other charges) per annum towards Long Term Maintenance Support after completion of warranty period, to undertake repairs/replacements of all type of module/card/assembly/subassembly and update/upgrade of software released during this period and /or which may fail in the network after the warranty. Taxes will be as per actual at the time of execution of the AMC i.e. issue of AMC LOA.

If the bidder quotes higher than 5%, he will be paid at his quoted rate per annum. Total AMC cost for five years will be taken for evaluation purpose. AMC would have to be valid for minimum period of 5 years after completion of warranty.

In case a bidder quotes AMC rates lower than 5% and if the bidder wins the contract, his cost against supply items will be reduced by differential (w.r.t. 5%) of AMC rates & he will be paid accordingly against the cost of supply. AMC charges to him, however, will be paid only @ 5% per annum.

- 3.8.3** Separate LOA/PO for AMC shall be issued by RailTel before 6 months prior to completion of warranty period and separate Agreement shall be signed with the Bidder. A fresh Bank Guarantee valid for a period of 4 months beyond the completion of AMC from the date of LOA shall be required to be submitted by OEM/ Tenderer for due fulfillment of long term maintenance support obligation. Value of PBG will be 10% of the value of issued PO/LOA for AMC. This PBG of AMC shall be submitted by the bidder within 30 days from the date of issue of LOA for the AMC. In case bidder does not submit the PBG in the stipulated time period, RailTel may encash the PBG given with the original LOA.

- 3.8.4** Quarterly payment for AMC Charges would be made by RailTel after successful completion of AMC Services of that quarter and on the certificate furnished by RailTel CNOC Team representative.

Note: If the bidder intends to claim advance payment against the Annual Maintenance Cost, Bidder shall provide a Performance Bank Guarantee (PBG) equivalent to the amount claimed and claimed period plus four months along with a valid warranty certificate from the OEM.

- 3.8.5** Detailed standard conditions applicable for the Annual Maintenance Contract between RailTel and the Contractor are as per tender document.

Note: The acceptance of the above clauses is mandatory and specific acceptance from bidder/OEM is required to be enclosed as per Form no. 04 (**Performa for Long term maintenance support**) given below. Any deviation / non acceptance may lead to rejection of the bid.

3.9 SPLITTING OF QUANTITY:

Splitting in quantity will be done as per policy of Make in India and MSEs.

3.10 Preference to Make in India:

The provisions of the revised “Public Procurement (Preference to Make in India) Order 2017” dated 15.06.2017, dated 16.09.2020 and 19.07.2024 (or subsequent revisions, if any till opening of tender) by Department of Promotion of Industry and Internal Trade (DPIIT), GoI shall apply to this tender.

3.10.1 Local Content:

- i) Only Class-I local suppliers (meeting minimum 50% local content) & Class-II local suppliers (meeting minimum 20% local content) are eligible to participate in this tender.
- ii) Minimum Local Content shall be 50% for purchase preference or as per the Notification No. 18-10/2017-IP dated 29th August 2018 issued by Department of Telecommunications, Ministry of Communications and Notification No. 33(1)/2017-IPHW dated 14.09.2017 issued by MeitY or latest notification issued till opening of tender.
- iii) Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class-I local supplier, the contract will be awarded to L1. If L1 is not Class-I local supplier, the lowest bidder among the Class-I local supplier, will be invited to match the L1 price subject to local supplier's quote price falling within the margin of purchase preference of 20%, and the 50% of the tendered quantity shall be awarded to such Class-I local supplier subject to matching the L1 price. In case such lowest eligible Class-I local supplier fails to match the L1 price, the Class-I local supplier with the next higher bid within the margin of purchase preference of 20%, shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the Class-I local supplier within the margin of purchase preference of 20%, matches the L1 price, the contract may be awarded to the L1 bidder.
- iv) As per para 9 of PPP-MIII order 16.09.2020, bidder shall be required to indicate percentage of local content and provide self-certification in his bid (without mention of any price) that the item offered meets the local content requirement for Class-I/Class-II local supplier, as the case may be and shall also give details of the location(s) at which the local value addition is made. In case of procurement for a value in excess of Rs. 10 Crores, the bidder shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content. Bidder shall upload the certificate along with their techno-commercial bid. The bidder shall also provide calculation of Local Content with price Break-up of “Local Content” and “Imported Content” for each SOR item as per DPIIT's PMI Policy and its clarifications and same shall be uploaded by the bidder along with their price bid. In case of any false declaration, action shall be taken in line with the provisions of the PPP-MIII order. Performa for self-certification regarding local content is given in the Notification No. 18-10/2017-IP dated 29th August 2018 or latest issued by Department of Telecommunications.
- v) The bidder shall also provide calculation of “Local Content” and “Imported Content” in terms of Percentage for each SOR item as per DPIIT's PMI Policy & its clarifications and same shall be uploaded by the bidder along with their Technical bid.
- vi) Self-certification of bidder as above shall be supported by the following certificate form

Statutory Auditor engaged by the bidder, on the letter head of such Statutory Auditor. “We _____ the statutory auditor of M/s. _____ (name of the bidder) hereby certify that M/s. _____ (name of bidder) meet the mandatory Local Content requirements of the Project Work under this tender i.e. ____% (to be filled by the work center) quoted vide offer No. _____ dated _____ against RAILTEL tender No. _____ by M/s. _____ (Name of the bidder).

Note: In case of bidder(s) for whom Statutory Auditor is not required as per law, required certificates shall be provided by a practicing Chartered Accountant.

- i) Notification dated 21.10.24 (or latest) issued by Department of Telecommunications, Ministry of Communications shall be applicable for Clause 10(d) of Public Procurement (Preference to Make in India) Order, 2017 or latest.
- ii) Official website of Department of Promotion of Industry and Internal Trade (DPIIT) i.e. “<https://dpiit.gov.in/public-procurements>” may be referred by tenderers for above mentioned orders or any revision issued. Frequently Asked Question (FAQ) available there may also be referred by tenderers.
- iii) In terms of Clause 2, 3 and II of the DPIIT's PPP-MII Order dated 19.07.2024, Department of Telecommunications vide Notification dated 21.10.24 notified that telecom products, services and works listed in Table-A have sufficient local capacity and local competition. A Class-I local supplier must meet the Minimum Local Content (MLC) requirement specified against each item in Table-A. Table- A also specifies the maximum ceiling of LC percentage for design out of total LC against each item. The conditions for the inputs to be qualified as Local Content (LC) are specified in Table-B. Only 'Class-I local supplier', as defined under the Order, shall be eligible to bid irrespective of purchase value

3.11 For Micro and Small Enterprises (MSEs):

- 3.11.1** Eligible MSEs are exempted from cost of tender document. However, MSEs are required to meet the eligibility criteria as specified in tender clause 3.3.1 and 3.3.2 above as the case may be. Further, the subject work being a works contract having scope of integrating various IT products and applications, the purchase preference criteria for MSME will also be not applicable in the tender
- 3.11.2** MSEs who are interested in availing themselves of above benefits will enclose with their offer the proof of their being MSE registered with any of the agencies mentioned in the notification of Ministry of MSME.
- 3.11.3** The MSEs should submit valid Udyam certificate (UAM No.) along with the Bid. Failing 3.11.1 and 3.11.2 above, such offers will not be liable for consideration of benefits detailed in the notification of Government of India.
- 3.11.4** “RailTel is registered with m1xchange TReDS Platform having Buyer registration Number “BUYER00001496”. The URL for m1xchange Platform is <https://www.m1xchange.com>. MSE suppliers/vendors are required to register themselves on m1xchange Platform for availing the facility of bill discounting on TReDS portal. The bidder is mandatorily required to submit its TReDS registration number (as provided by M1xchange portal) and GRN (Goods/Service Receipt Note) Number (as provided by RailTel on delivery of Goods/Service) while submitting the invoices if requires to avail TReDS facility.

- 3.11.5** MSE Vendor will bear all costs relating to availing the facility of discounting on TReDS platform including but not limited to Registration charges, Transaction charges for financing, Discounting Charges, Interest on financing, or any other charges known by any name shall be borne by MSE Vendor.
- 3.11.6** MSE Vendor hereby agrees to indemnify, hold harmless and keep RailTel and its affiliates, Directors, officers, representatives, agents and employees indemnified, from any and all damages, losses, claims and liabilities (including legal costs) which may arise from Sellers submission, posting or display, participation, in any manner, on the TReDS Platform or from the use of Services or from the Buyer's breach of any of the terms and conditions of the Usage Terms or of this Agreement and any Applicable Law on a full indemnity basis.
- 3.11.7** RailTel shall not be liable for any special, indirect, punitive, incidental or consequential damages or any damages whatsoever (including but not limited to damages for loss of profits or savings, business interruption, loss of information), whether in contract, tort, equity or otherwise or any other damages resulting from using TReDS platform for discounting their (MSE Vendor's) invoices.

3.12 Updation of Labour data on Railway's shramikkalyan Portal.

- A. Contractor is to abide by the provisions of Payment of Wages Act & Minimum Wages Act in terms of clause 54 and 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration/updation of Portal shall be done as under:
- (i) Contractor shall apply for one-time registration of his company/firm etc. in the Shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request.
 - (ii) Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all LOAs issued in his favour.
 - (iii) The contractor once registered on the portal, shall provide details of his Letter of Acceptance (LoA)/Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request.
 - (iv) After approval of LOA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis.
 - (v) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period.
- B. While processing payment of any 'On Account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee / Security deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's Shramikkalyan portal at 'www.shramikkalyan.indianrailways.gov.in' till _____ Month, _____ Year."

3.13 Clarification Requests:

It is solicited that the written queries/ clarifications may be sent to RailTel's office or through e-nivida portal latest by the date as indicated in the Bid Data sheet (BDS) through e-mail to with copy to (in word format) & hard copy by post. All relevant clarifications sought will be addressed.

It is solicited that the written queries/ clarifications may be sent to the RailTel's office latest by date as indicated in the Bid Data sheet (BDS) through e-mail to deeptichauhan@railtelindia.com & himanshu@railtelindia.com (in word format) & hard copy by post. All relevant clarifications sought will be addressed during the pre-bid meeting scheduled as per BDS. The clarification should be submitted in the below given format:

SN	Page No	Tender Clause No.	Tender Clause	Bidders Query	Justification/ Reason
1					

3.14 Payment Terms:

Payment will be done after submission of the following documents:

- i. Invoice.
- ii. Delivery Challan
- iii. Contractor's certificate of dispatch
- iv. Undertaking against Fall Clause
- v. Inspection Certificate
- vi. Consignee's receipt
- vii. Warranty guarantee certificate of OEM (should be mentioned item make, model with serial number and date of purchase of warranty from OEM and its validity which will cover entire period of warranty as per tender condition).
- viii. Performance Bank Guarantee

In case of "Supply Only"

100% of the value of the part supply of Equipment on receipt by the consignee at site duly inspected and accompanied with above mentioned documents.

3.15 Limitation of Liability:

Provided the following does not exclude or limit any liabilities of either party in ways not Permitted by applicable law:

- a) The Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and
- b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement.

3.16 Tax variation:

Any changes in the statutory taxes & duties during the contract period shall be on RailTel account with in the original DOC. Beyond DOC, any increase in statutory taxes & duties shall be on RailTel's account only when the delay is on account of RailTel. However, benefit of any reduction in Taxes/Duties will be passed on to RailTel.

3.17 Care in submission of tender:

3.17.1 Tenderers will examine the various provisions of The Central Goods and Service Tax Act, 2017 (CGST)/ Integrated Goods and Service Tax Act, 2017(IGST)/ Union Territory Goods and Service Tax Act, 2017 (UTGST)/ respective state's State Goods and Service Tax Act (SGST) also, as notified by Central/State Govt & as amended from time to time and applicable taxes before bidding. Tenderer will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.

3.17.2 The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to RailTel immediately after the award of contract, without which no payment shall be released to the contractor. The contractor shall be responsible for deposition of applicable GST to the concerned authority.

3.17.3 In case successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, RailTel shall deduct the applicable GST from his/ their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.

3.17.4 Billing will be done at ship to location.

3.18 Replacement Services:

If the contractor fails to replace the faulty equipment Within a week, the following penalties will be imposed:

Equipment	Duration of repair	Deduction/Penalties
All Modules and accessories	More than one week and up to two weeks (from the date of receipt)	10% of the cost of affected part/module
All Modules and accessories	More than two weeks and up to three weeks (from the date of receipt)	25% of the cost of affected part/module
All Modules and accessories	More than three weeks and up to four weeks (from the date of receipt)	75% of the cost of affected part/module
All Modules and accessories	More than four weeks (from the date of receipt)	Full cost of affected part/module. RailTel may terminate the contract in this case.

3.19 Credential Verification:

3.19.1 The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfill the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/ certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim

of qualifying the laid down eligibility criteria”, will be considered for evaluating his/their tender.

3.19.2 The tenderer shall submit a notarized affidavit on a non-judicial stamp paper stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is available in Chapter-9 of this tender document (Form No. 02). Non-submission of an affidavit by the bidder shall result in summary rejection of his/their bid and it shall be mandatory incumbents upon the tenderer to identify, state and submit the supporting documents duly self-attested by which they/he is qualifying the Qualification Criteria mentioned in the tender document. It will not be obligatory on the part of the RailTel to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned.

- a. The RailTel reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the RailTel, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the RailTel shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the RailTel thereunder.
- b. In case of any wrong information submitted by the tenderer, the contract shall be terminated, Earnest Money Deposit (EMD), Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire RailTel for 5 (five) years.

3.20 NIL Deviation Compliance:

Bidder is required to submit the “NIL Deviation compliance undertaking” for all the terms and conditions of tender including all corrigenda with the offer as per proforma given in Form no. 07 (Chapter-9).

3.21 Bidders sharing a land border with India:

Office Memorandum F.No.6/18/2019-PPD dated 23.07.2020 by Ministry of Finance, Department of Expenditure, Public Procurement Division shall also apply to this tender. A certificate as per point D of Form No. 05 of Chapter-09 shall be submitted by all the bidders regarding their compliance with this order. If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law. Registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order.

3.22 Security Considerations & Security Agreement

- 3.22.1** While evaluating the tender, regards would be paid to National Defence and Security considerations.
- 3.22.2** The directives issued from time to time by the Department of Telecommunications (DoT), Ministry of Communications and IT or any other Ministry of Govt. of India on security considerations shall be applicable to the present tender. Accordingly, as per the extent amendment of the National Long Distance (NLD) Service License Agreement for Security

related concerns for expansion of Telecom Services in various zones of the country issued vide Department of Telecommunication, Ministry of Communication and IT, Govt. of India's letter no. 10-54/2010-CS-III (NLD) dated: 31.05.2011, the successful tenderer/OEM shall comply with the provisions stated in the above mentioned directive of DoT and shall have to enter into an agreement with RailTel as per the template agreement between Telecom Service Provider and the vendor of equipment, product and services (available on DoT website). The tenderer must submit a declaration along with their bid.

- 3.22.3** The Network is being provided primarily to meet the requirement of Indian Railways. Accordingly, the network shall take into consideration the National Security requirement and National Security aspects indicated by the Indian Railways:-

3.23 RailTel reserves the right: -

- 3.23.1** To verify, if so desired, the correctness of documentary evidence furnished by the tenderer.
- 3.23.2** To verify the successful operation and performance of qualifying projects and tenderer shall arrange permission for the same.
- 3.23.3** To carry out capability assessment of the bidder(s) including referral to in-house information.
- 3.23.4** RailTel shall not be responsible for any delay in the receipt of tenders and reserves the right to accept/reject any or all tenders without assigning any reason.
- 3.23.5** If offered product is found unsuitable as per terms and conditions of contract during currency of contract, bidder can change the product make/model with the approval of competent authority in RailTel without any additional cost.

3.24 System Performance Guarantee:

3.24.1 The Bidder shall give unqualified and unconditional guarantee that when the equipment/material supplied at store/ site, it shall achieve the desired objective and that in the event of performance of the system when the end objective or with the specifications, he shall further strengthen the system to realize the end objectives with full compliance of the specifications contained in these documents and inform RailTel. No additional payment will be made to the contractor for the supply of any additional goods and services required in this regard.

3.24.2 This certificate shall be submitted by bidder on non-judicial stamp in the Performa given in Form No.-08 of Chapter-9, shall accompany the final offer.

3.24.3 Scan copy of Form No.-08 on non-judicial stamp is to be submitted online and original copy is to be submitted offline on or before 3 working days after the opening of tender. The absence of Form No.-08 which will form part of the agreement and may liable to be rejected.

3.25 Integrity Pact Program:

RailTel has adopted Integrity Pact Program and for implementation thereof all tenders relating to procurement of OFC, quad cable, pre-fab shelters, electronic equipments 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 will be covered

under the Integrity Pact Program and the vendors are required to sign the IP document and submit the same to RailTel before or along with the bids.

- a) Only those vendors who have purchased the 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. General Manager/TP, RailTel.

Name of IEMs and contact details:

- | | |
|-------------------------------|--|
| 1. Shri. Vinit Kumar Jayaswal | E-Mail: gkvinit@gmail.com |
| 2. Shri. Punati Sridhar | E-mail: poonatis@gmail.com |
| 3. Shri Bipin Bihari Mallick | E- mail: bipinmallick@gmail.com |

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

General Manager/TP
RailTel Corporation of India Ltd
6th Floor, Office Block Tower-2,
NBCC Complex, East Kidwai Nagar,
New Delhi-110023
E-Mail: himanshu@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) Bidder 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 bidder is a partnership or a consortium, the Integrity Pact shall be signed by all the partners or consortium members.
- d) Bidder 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 Bidder duly signed in all pages along with the Bid in a separate envelope, duly superscripted with 'Integrity Pact'. Tender received without signed copy of the Integrity Pact document will be liable to be rejected. Proforma for signing the Integrity Pact is available in Chapter-6 of this tender document (Form No. 4).
- f) One copy of the Integrity Pact shall be retained by RailTel and the 2nd copy will be issued to the representative of the bidders during bid opening. If the Bidders representative is not present during the Bid opening, the 2nd copy shall be sent to the bidder by post/courier.
- g) The Integrity Pact is applicable in this tender vide CVC circular no. 10/05/09 dt. 18.05.09 and revised guideline of CVC circular no. 015/VGL/091 dt. 13.01.17 or the latest updated from time to time shall be followed.

CHAPTER-4

TECHNICAL REQUIREMENTS & SPECIFICATIONS

1. All Equipment should be:

- (i) With 3-year warranty & 5 years of Long-Term Maintenance Support.
- (ii) Equipped with necessary hardware/software to comply with all the above required / support features.
- (iii) Back-to-Back warranty with respective OEMs for both Hardware and Software. The certificates/ Undertaking for the same will have to be submitted along with bid from respective OEM.
- (iv) UL/CE/FCC Certificate. These certificates are not required for PMA however, they have to produce certificate from standard lab approved/ authorized by Govt. of India that their product are equivalent to UL/CE/FCC and meets all standard and specification of UL/CE/FCC.
- (v) It may kindly be noted that in the specification wherever support for a feature has been asked for, it will mean that the feature should be available without RailTel requiring any other hardware/software/licenses. Thus all hardware/software/licenses required for enabling the support/feature shall be included in the offer.
- (vi) OEM vetted bill of material (BOM), and bidder vetted technical compliance should be as per clause-5 should be submitted by the bidder.
- (vii) The offered products for router and switched should be registered on Trusted Telecom Portal (Authority: DOT notification No. 20-1263/2021-AS-I Dated: 30.03.2021, <https://trustedtelecom.gov.in>) and should have MTCTE (Mandatory Testing and Certification of Telecom Equipments) certificate at the time of delivery. (Authority: DOT circular No. 5-2/2021-TC/TEC/112 dated 31.01.2022, <https://www.mtcte.tec.gov.in>).
- (viii) If any brand / products are found un-suitable as per requirement of Tender, Bidder can replace the product with better products during contract period with the approval of competent authority in RailTel, meeting the tender requirements, without any change in commercial bid.
- (ix) Bidder should propose a single unified system/Controller for fault management for all the active components.
- (x) Bidder/OEM can also leverage existing Management system deployed in RailTel, if the OEM shall provide undertaking for long term support for 8 years for all existing components irrespective of End of Life of the existing hardware/License/Software. Hardware/License/Software required for such up gradation shall be included in the price bid.
- (xi) This section describes the various network components and functionalities required for the deployment of Network for SDN Router.
 - a. The relevant or applicable TEC GR specs for the equipment sought under this tender (Router Type-I & II) as below:

S. N	Equipment Name / Feature	Category	TEC GR No
1	SDN Router	1. Router Category V for Type-1 2. Router Category VI for Type- II	TEC/GR/IT/TCP-006/01 AUG 2016 or Latest

- b. In addition to feature mapped as required (Y) in clause No. 10.5 of TEC GR no. TEC/GR/IT/TCP-006/01 AUG 2016, the following Optional and Not Required (O and N) features given shall be mandatory requirements routers for RailTel.

- | | | | |
|-----|----------------|---|--------------------------------------|
| (a) | Section 3.18.4 | - | MPLS Layer-3 VPN |
| (b) | Section 8.1.14 | - | Lawful Interception [Port Mirroring] |

- c. The following sections are Not Applicable or Optional of TEC GR no. TEC/GR/IT/TCP-006/01 AUG 2016 or Latest.

Section 2.6.1, 2.6.6, 2.6.7

Section 3.0 Functional Requirements: Part-I hardware requirement.

Section 3.0 Functional Requirements: Part-II Functional Specifications of the SDN Controller.

Section 3.9 Operating System-related features.

Section 3.10.1 support of Layer 2 protocol transport for PPP

Section 8.1.1 Port Address Translation

Section 8.1.2 Network Address Translation (NAT)

Section 3.21.1 Ring Protection Mechanism

Section 6.0 EMI/EMC REQUIREMENTS

3.10.6.1: The Router shall support Flow control as per IEEE 802.3x.

4.3.3-4.3.3.1(d): MPLS TP.

- d. The following clauses of the above TEC GR are partially relaxed as per the comments against each of them:
- e. Clause 3.20.9.1: Reference to MPLS-TP is dropped.
- f. 3.16.1.4: Support for IPv2 authentication is required. Reference to RFC 4822 is dropped.
- g. For the clauses 3.12.1.14, 3.13.2.1, 3.13.2.2, 3.15.5.3, 3.16.1.4, 3.16.4.4, 3.16.4.11, 3.16.6.13, 3.18.1.2, 3.18.3.1, 3.18.3.2, 3.18.3.3, 3.18.6.1, 3.19.4.7, 3.19.4.8, 3.20.2.5, 3.23.3.4, the sought protocol/feature implementation shall be supported by the bidder mandatorily and partial compliance, if any, to the respective RFC cited is allowed. However, bidder should ensure the interoperability and integration across OEM devices is seamless.
- h. At least 1 million flows shall be supported against Clause 3.5.2 of the TEC GR TEC/GR/IT/TCP-06/01/AUG-16.
- i. Any reference to OpenFlow shall be read as OpenFlow or BGP-LS & PCEP.
- j. Any reference to Load balancing on “bearer pin-hole assignment “should be read as” bearer pin-hole assignment “or “Hash” or “Entropy Label”
- k. In case of a mismatch between tender clause and TEC GR clause, tender clause will prevail and in case of deviation from the TEC specifications, the compliance to relevant ITU-T specification shall be submitted by tenderer. Proposed equipment shall have at least 70% compliance of TEC GR by considering each sub-clause as one clause.

- (xii) Proposed equipment's against Ether Fiber switches (Type-I, II, III & IV) shall be complied (at least 70% compliance) with RDSO Specifications (RDSO/SPN/TC/83/2020 Revision 2.1 or Latest). In case of a mismatch between tender clause and RDSO Specifications, tender clause will prevail and in case of deviation from the TEC specifications, the compliance to relevant ITU-T specification shall be submitted by tenderer.

2. Technical Specification:

2.1 SOR-1 & 2: Router Type-I, II (SDN Category):

Following tables mention the minimum hardware scalability parameters for Router Type-I, II (SDN Category):

SN	Description	Router Type-I (SDN Category)	Router Type-II (SDN Category)
1	Minimum Ports (excluding /SFP/QSFP/QSFP28) from day one.	4x10/25G SFP28 & 8x1G SFP	(4x40/100G QSFP28 & 24x10/25G SFP28)
2	Minimum Total throughput (Full duplex)	60 Gbps	280 Gbps
3	Minimum MAC Table Size	16K	32K
4	Minimum IPv4 RIB/FIB	20K/10K	64K/32K
5	Minimum IPv6 RIB/FIB	20K/10K	16K/8K
6	Minimum MPLS Labels	10K	32K
7	Minimum Label Stack	5	5
8	Minimum Number of L2 / L3 VPN VRF	150/100	1K/500
9	Minimum Support of number of queues per Interface	8	8
10	Minimum Number of VLAN support	250	1000
11	Minimum Number of Multicast Routes	100	5K
12	Minimum Number of Mvrf		100
1	Router can be of either modular/fixed type and shall have modular Operating system where it shall support individual restart of critical processes without affecting other processes or rebooting the entire operating system.	Yes	Yes

2	All 10G and 100G interfaces should support LR, ER and ZR.	Yes	Yes
3	Router shall have option checking configuration before committing and option of rolling back to at least five configurations.	Yes	Yes
4	Proposed devices should be supported with STM-1,4,16 Smart optics or modules of 10km (Single mode).	At least one Router in the proposed solution must support TSoP (Transport SDH over Packet) via STM-1,4,16 Smart SFP or modules and supported Router (anyone) should be equipped STM-4 Smart SFP (TSoP) or modules in day-1.	
5	Digital Optical Monitoring (DOM) should be supported, optics information retrievable including RX/TX-power, threshold-monitoring/alarming, inventory.	Yes	Yes
6	It shall support role based privileges for the system access and radius authentication for the System admin.	Yes	Yes
7	The router should have a Console or Out-of-band Management.	Yes	Yes
8	Alerts for environmental or other hardware based alarms should be visibly implemented on the chassis.	Yes	Yes
9	All interfaces shall support services like L2VPN, L3VPN, VPLS and multicast VPN for both IPv4 and IPv6	Yes	Yes
10	The router should be IPv6 ready from day one.	Yes	Yes
11	The router should support filtering based on different parameters like: src ip, dst ip, src port, dst port, protocol etc	Yes	Yes
12	The router should support Netflow/Jflow or equivalent	Yes	Yes
13	The router should support IP SLA or RPM (or equivalent) for performance measurements, it should also support monitoring of IP SLA/RPM (or equivalent) probes using SNMP polling (OEM has to provide SNMP MIB information)	Yes	Yes

14	Shall support QoS, option of traffic shaping per Interface based.	Yes	Yes
15	Shall support following class of service features:	Yes	Yes
	a) Classification, policing, marking, shaping, filtering	Yes	Yes
	b) Manage congestion using a weighted random early detection (WRED) algorithm	Yes	Yes
	c) RFC 2474, Definition of the Differentiated Services Field in the IPv4 and IPv6 Headers	Yes	Yes
	d) Single Rate Three Color Policer RFC 2697	Yes	Yes
	e) RFC 2698, A Two Rate Three Color Policer	Yes	Yes
	f) congestion Management through CBWFQ , Round-Robin or equivalent , WFQ or equivalent	Yes	Yes
	g) RFC 2597, Assured Forwarding PHB Group	Yes	Yes
	h) RFC 2598, An Expedited Forwarding PHB	Yes	Yes
	i) Router should be able to classify based on 802.1 ad, 802.1 p, EXP and DSCP bits	Yes	Yes
	j) The router shall support traffic interface mirroring in both ingress & egress directions for both IPv4 & IPv6	Yes	Yes
16	The router shall support provision for event based scripts that shall be capable of performing actions based on certain triggers	Yes	Yes
17	The router shall support aggregated Ethernet and it shall be possible to bundle Upto 16 links.	Yes	Yes
18	Shall support following MPLS features	Yes	Yes
	a) LDP ,RSVP signalling and LDP over RSVP.	Yes	Yes
	b) RFC 5036, LDP Specification	Yes	Yes
	c) RFC 3212 OR Constraint-Based LSP Setup using LDP	Yes	Yes

	d) RFC 3215, LDP State Machine	Yes	Yes
	e) RFC 3478, Graceful Restart Mechanism for LDP	Yes	Yes
	f) RFC 2858, Multiprotocol Extensions for BGP-4	Yes	Yes
	g) RFC 3063, MPLS Loop Prevention Mechanism	Yes	Yes
	h) RFC 3031, Multiprotocol Label Switching Architecture	Yes	Yes
	i) RFC 3032, MPLS Label Stack Encoding	Yes	Yes
	j) The router should be able to do load-balancing over multiple equal cost MPLS LSP	Yes	Yes
	k) BGP Labeled Unicast (BGP-LU)	Yes	Yes
	l) Loop Free Alternate (LFA) and Remote Loop-Free Alternate (LFA)	Yes	Yes
19	The Router shall support MPLS Fast Reroute both link protection and Node protection.	Yes	Yes
20	MPLS Ping, MPLS Trace Route	Yes	Yes
21	Fast Reroute Extensions to RSVP-TE for LSP Tunnels	Yes	Yes
22	The router shall Support of Sync-E & PTP technology (License price to be quoted separately)	Yes	Yes
23	Shall support MPLS based VPN services	Yes	Yes
	a) L3VPN & L2VPN	Yes	Yes
	b) Internet draft, draft-ietf-l2vpn-vpls-bgp-08.txt, Virtual Private LAN Service (VPLS) Using BGP for Auto-discovery and Signaling	Yes	Yes
	c) RFC 4762 Virtual Private LAN Service (VPLS) Using Label Distribution Protocol (LDP) Signaling	Yes	Yes
	d) Next Generation mVPN (P2MP) based on (Draft-ietf-13vpn-2547bis-mcast-01.txt) & mVPN (draft-rosen-vpn-mcast).	Yes	Yes

24	The router shall support the following routing features	Yes	Yes
	a) BGPv4, BGP confederations and route reflector	Yes	Yes
	b) Dynamic Host Configuration Protocol (DHCP)	Yes	Yes
	c) RFC 3101, The OSPF NSSA Option	Yes	Yes
	d) RFC 2328, OSPF Version 2	Yes	Yes
	e) RFC 3623, OSPF Graceful Restart	Yes	Yes
	f) RFC 3630, Traffic Engineering (TE) Extensions to OSPF Version 2 or IS-IS Extensions for Traffic Engineering.	Yes	Yes
	g) RFC 1195, Use of OSI IS-IS for Routing in TCP/IP and Dual Environments	Yes	Yes
	h) RFC 2104, HMAC: Keyed-Hashing for Message Authentication	Yes	Yes
	i) RFC 2973, IS-IS Mesh Groups	Yes	Yes
	j) RFC 3358, Optional Checksums in IS-IS	Yes	Yes
	k) RFC 3359, Reserved Type, Length and Value (TLV) Code points in IS-IS	Yes	Yes
	l) RFC 3373, Three-Way Handshake for IS-IS Point-to-Point Adjacencies	Yes	Yes
	m) RFC 5305, IS-IS Extensions for Traffic Engineering	Yes	Yes
	n) RFC 3847, Restart Signalling for IS-IS	Yes	Yes
	o) RFC 3590, Source Address Selection for Multicast Listener Discovery Protocol	Yes	Yes
25	The router shall support Virtual Router Redundancy Protocol (VRRP) as per IETF RFC 3768 OR alternate option	Yes	Yes
26	Router shall support SNMP v2/v3 and NTP	Yes	Yes
27	Shall support BFD for both single hop and multihop sessions	Yes	Yes

28	Shall support the following OAM features and actions such as syslog/link down should be configurable on OAM event trigger:	Yes	Yes
	a) 802.3ah	Yes	Yes
	b) 802.1ag	Yes	Yes
	c) Y.1731	Yes	Yes
29	Shall support Multi-chassis LAG or EVPN Multi-Homing	Yes	Yes
30	IPv6 Features	Yes	Yes
	a) IPv6 Ping	Yes	Yes
	b) IPv6 trace route	Yes	Yes
	c) IS-IS	Yes	Yes
	d) VRRPv3 or alternate option	Yes	Yes
	f) IPv6 CoS (classification & rewrite, scheduling based on TC)	Yes	Yes
	g) IPv6 ACL	Yes	Yes
	h) 6PE/6VPE	Yes	Yes
31	Multicast Feature: It shall support following:	Yes	Yes
	a) It shall support IGMP snooping v3	Yes	Yes
	b) RFC 3569, Source Specific Multicast (SSM)	Yes	Yes
32	The proposed router should be NEBS level 3 compliant. NEBS Certification is not required for PMA. However OEM has to produce certificate from standard lab approved or authorized by Govt. of India that the supplied Products are equivalent to NEBS and meet all standard and specification of NEBS.	Yes	Yes
33	The device should comply to the following safety standards or equivalent.	Yes	Yes
	a) EN 55022 Class A Emissions (Europe)	Yes	Yes
	b) FCC Class A (USA) Radiated Emissions	Yes	Yes

	c) UL 60950-1 Information Technology Equipment – Safety	Yes	Yes
	d) EN 60825-1 Safety of Laser Products	Yes	Yes
	e) EN-61000-4-11 Voltage Dips and Sags	Yes	Yes
	f) ETS-300386 Electromagnetic Compatibility Requirements	Yes	Yes
	g) The device will conform to the following EN/IEC standard:	Yes	Yes
	i. 61000-4-2 – ESD	Yes	Yes
	ii. 61000-4-3 Radiated Immunity	Yes	Yes
	iii. 61000-4-4 – EFT	Yes	Yes
	iv. 61000-4-5 – Surge	Yes	Yes
	v. 61000-4-6 – Low Frequency common immunity	Yes	Yes
34	The offered devices must support following functionalities to support 3rd party SDN (in future)	Yes	Yes
	(a) The router should support RFC 6020, YANG - A Data Modeling Language for the Network Configuration	Yes	Yes
	(b) Protocol (NETCONF)	Yes	Yes
	(c) The solution should support the network configuration protocol (NETCONF) that provides mechanisms to install, manipulate, and delete the configuration of network devices, RFC 6241	Yes	Yes
	(d) The router should be able to act as Path computation client in the PCE architecture defined in RFC 4655.	Yes	Yes
	(e) The router should support PCECP as defined in RFC5440.	Yes	Yes
	(f) The router should support BGP link-state (BGP-LS), RFC 4655	Yes	Yes
	(g) The router should support SPRING or Segment routing	Yes	Yes

35	Devices shall support following natively or through EMS for Provisioning. If it is supported through NMS, NMS should be provided without additional cost to RailTel	Yes	Yes
	(a) Use NETCONF (RFC 6241, RFC 6242, RFC 5277)	Yes	Yes
	(b) REST /NETCONF based CRUD operations for configuration and management.	Yes	Yes
36	The offered devices must support API/NBIs/SNMP for auto discovery of Services and Physical & Logical Topology	Yes	Yes
37	TELEMETRY Function: It shall support following:	Yes	Yes
	a) The router should support telemetry based on push model for monitoring network devices	Yes	Yes
	b) The router should support various software models/sensors for capturing different health parameters from the devices	Yes	Yes
	c) The router should support sending telemetry data to multiple consumers simultaneously	Yes	Yes
	d) The router shall support GPB/GRPC/KAFKA encoding for telemetry data	Yes	Yes
	e) The software model/sensors should be based on either yang, xml or open config	Yes	Yes
	f) The solution shall use either UDP or GRPC for transport of telemetry data	Yes	Yes
	g) The system should support streaming granularity of atleast 10 sec	Yes	Yes
	h) The router shall have the ability to interact with open standard based tools	Yes	Yes
	i) The system should support REST API for communication with third party tools and applications. In case of any software adaptor is required to support the same , same shall be provided along with Router.	Yes	Yes

	j) Enabling telemetry should not have any adverse impact on the performance of the device/router	Yes	Yes
	k) Some of the streaming models/sensors the router should support are:	Yes	Yes
	System	Yes	Yes
	Chassis Environment	Yes	Yes
	Line card utilization (memory , processor, QoS, Temp, Port utilization), errors counters	Yes	Yes
	Controller Card sensors (memory, CPU, Temp etc)	Yes	Yes
	Fabric statistics	Yes	Yes
	ARP table state	Yes	Yes
	Routing prefix information	Yes	Yes
	<u>Interface</u>	Yes	Yes
	Interface statistics (Physical and logical interfaces)	Yes	Yes
	Interface optical diagnostic	Yes	Yes
	Congestion and latency	Yes	Yes
	Filter statistics	Yes	Yes
	Protocol	Yes	Yes
	BGP peer information	Yes	Yes
	ISIS State, Interface, Adjacency statistics, LSDB	Yes	Yes
	ISIS SPRING / Segment Routing Statistics	Yes	Yes
	RSVP Interface Statistics	Yes	Yes
	LSP statistics	Yes	Yes
	LSP Event Export, Experimental	Yes	Yes
	IP SLA/RPM (or equivalent) reporting	Yes	Yes
	Segment Routing statistics	Yes	Yes

	DHCP statistics	Yes	Yes
38	Router should support Dual Image/Partition with USB flash drive booting option for OS recovery	Yes	Yes
39	Router should support jumbo frame.	Yes	Yes
40	Router should support port mirroring	Yes	Yes
41	Router should support security features of Broadcast/Multicast/Unicast Storm control.	Yes	Yes
42	Router should comply to following Temperature performance parameters:	Yes	Yes
	i. Operating Temperature: 0 to 55 degree C or better	Yes	Yes
	ii. Storage Temperature : 0 to 60 degree C or better	Yes	Yes
43	Routers should support following Metro Ethernet Features:	Yes	Yes
	i. ITU-T G.8032 Ethernet Ring Protection designed for loop protection or alternate mechanism to achieve ring protection in less than 50 ms.	Yes	Yes
	ii. Should support multiple Ring up to 8 ring(main and sub ring) protection failover with in 50 ms or ITU-T G.8032 v2.	Yes	Yes
44	The operating system of the Routers category/series/family should be MEF-9/14 or CE(Carrier Ethernet) or MEF 3.0 Certified.	Yes	Yes
45	The Router shall be designed for continuous operations with dual fan system.	Yes	Yes
46	Router should support CFM and LFM alarms.	Yes	Yes
47	Shall support HQoS, option of traffic shaping per VLAN based.	Yes	Yes
	i. Per-VLAN policing.	Yes	Yes
	ii. Per-VLAN rewrite	Yes	Yes
	Iii. Per-VLAN two-rate tri-color marking.	Yes	Yes

	iv. Per-VLAN classification	Yes	Yes
	v. Per-VLAN filtering	Yes	Yes
48	Support for P and PE router functionality for MPLS on the same router simultaneously and on all the interfaces.	Yes	Yes
49	Router shall support E-Line or E-LAN MEF standards.	Yes	Yes
50	Routers should be rack mountable to fit into a standard 19-inch rack	Yes	Yes
51	OEM shall ensure that use of third party optics shall not be explicitly blocked on the Router. Router must support all MSA complied Optics available in market.	Yes	Yes
52	Segment Routing	Yes	Yes
i	Router should be able to support SRv6 standards whenever it is firmed up without any cost to RCIL.	Optional	Optional
ii	The router should support SR-MPLS dataplane and protocols OSPF,IS-IS and BGP Segment routing extensions	Yes	Yes
iii	Traffic Steering of SR policies with Autoroute Include and Segment Routing TI-LFA SRLG Protection	Yes	Yes
iv	LSP ping, trace-route, Pseudo wire Ping over Segment Routing, trace route for binding-SID	Yes	Yes
v	MPLS-LDP interworking with SR-ISIS and SR-OSPF	Yes	Yes
vi	BGP peer information	Yes	Yes
vii	Controller instantiated SR Policy (PCEP, BGP) and SR policy based on On demand next hop	Yes	Yes
viii	Router should have capability to calculate Bandwidth based path using centralized controller.	Yes	Yes

ix	Shall support SR and MPLS (LDP) Interworking	Yes	Yes
x	The router shall support dynamic point-to-point interface latency performance measurement. The measurement must be integrated in the IGP and BGP LS for SDN Controller Analysis.	Yes	Yes
xi	Label distribution protocol and segment routing should coexist and there should support option to prefer LDP over segment routing.	Yes	Yes
53	EVPN Features		
i	Router should have support of Ethernet VPN (EVPN with single homing, multi homing)	Yes	Yes
ii	Router should have support of following features on EVPN: EVPN-IRB, EVPN VPWS, EVPN VPWS Preferred Path over SR-TE Policy	Yes	Yes
54	Should have power supply arrangement without any external adaptors with redundant/dual feeds power supply: Type-I & II & III -48 V DC supply (with the operating range of -48 to -60 VDC).	Yes	Yes
55	Proposed devices should be Interoperable with Juniper, Cisco and Nokia devices on the above features	Yes	Yes
56	RailTel may ask to showcase (PoC) for those devices (same series/family) which are not deployed in RailTel for all the above features to comply with technical specs asked if required.	Yes	Yes
57	Bidder/OEM has to provide Training and OEM certification of at least 20 employees of RailTel for those devices (same series/family) which are not deployed in RailTel existing Network.	Yes	Yes
58	OEM should be listed in telecom trusted portal as trusted source.	Yes	Yes
59	Note:		
	i. NEBS Certification is not required for PMA. However, they have to produce certificate from standard lab approved/ authorized by Govt. of India	Yes	Yes

	that their product are equivalent to NEBS and meets all standard and specification of NEBS.		
	ii.The offered product of same series (having same OS & ASIC) should be supplied (during last 3 FY and current FY) as on date of opening of tender, in India in Government /PSUs/Telecom Service Providers (NLD or Class-A ISP)/Public Listed Company. Documentary evidence for same should be submitted along with offer.	Yes	Yes
	iii.The proposed Router of Type-I &II shall be interoperable and fully compliant with standard communication protocols.	Yes	Yes
	IV. System shall be supplied with SDN-Controller/EMS/NMS of same OEM and same should provide latest APIs, which shall further facilitate multivendor interoperability using latest APIs. System shall support configuration management, open APIs, and standards-based SNMP/YANG models. These management features should be available at no cost to RailTel.	Yes	Yes

2.2 SOR-3, 4 ,5 & 6: Type-I, II, III and IV Ethernet Fiber Switch (MPLS)

Following tables mentions the minimum hardware scalability parameters for Type-I, II, III and IV Ethernet Fiber Switch (MPLS)				
SN	Description	Type-I & Type-IV Ethernet Fiber Switch	Type-II Ethernet Fiber Switch (MPLS)	Type-III Ethernet Fiber Switch (MPLS)
1	The switch should have minimum ports	1. Uplink Port: 4x10G SFP+ and Client Port :8x1G SFP for Type-I. 2. Uplink Port: 4x10G SFP+ and Client Port :8x10G SFP+ for Type-IV.	Uplink Port: 4x40/100G QSFP28 and Client Port :24x10G SFP+.	Uplink Port: 2x40G QSFP28 and Client Port 12x10/25G SFP28.

2	The Switch shall be available with minimum Switching Fabric.	1. 80 Gbps for Type-I 2. 160 Gbps for Type-IV	400 Gbps	200 Gbps
3	The Switch shall support minimum MAC address.	16K	32K	32K
4	Power supply arrangement of AC (100 to 240 V AC with 50 to 60 Hz) or DC (with the operating range of -48 to -60 VDC)	Both AC & DC power supply option from Day-1	Redundant/dual feeds DC power supply	
5	Proposed devices should be equipped with uplink optics (on single mode)	BIDI SFP+-10G-60KM with two pair qty (Single Fiber) for Type-IV.	BIDI SFP28-25G-40KM with one pair qty (In case of SFP28 available in proposed device) or 2xBIDI QSFP-40G-40KM or QSFP28-100G-40KM with one pair qty for Type-II only.	
6	Proposed devices should be supported with STM-1,4,16 Smart optics or modules of 10km (Single mode) in case required in future	At least one switch in the proposed solution must support TSoP (Transport SDH over Packet) via STM-1,4,16 Smart SFP or modules in case required in future.		
Features Required for Type-I, Type-II and Type-III Ethernet Fiber Switch				
1	The switch should support RJ-45/USB console port and industry standard CLI	Yes	Yes	Yes
2	The switch should support RJ-45 management port	Yes	Yes	Yes
3	The Switch shall support 1024 static MAC address entries	Yes	Yes	Yes
4	The Switch shall have 1K IGMP and 500 MLD snooping / MLD groups.	Yes	Yes	Yes
	Layer-2 Features:			
1	The LAN switch shall support IEEE 802.1Q	Yes	Yes	Yes

	VLAN up to 200 Active VLANs and 500 VLAN ID			
2	It shall support Automatic Negotiation of link speed and duplex to help minimize the configuration & errors.	Yes	Yes	Yes
3	It shall support STP/ RSTP	Yes	Yes	Yes
4	It shall support 802.1d, 802.1p, 802.1Q, 802.1ab.	Yes	Yes	Yes
5	It shall support spanning tree root guard & loop guard to prevent other edge switches becoming the root bridge OR alternate solution.	Yes	Yes	Yes
6	It shall support IGMP / IGMP snooping.	Yes	Yes	Yes
7	It shall support Link Aggregation Protocol (LACP) as per IEEE 802.3ad and 8 groups per device/8 ports per group.	Yes	Yes	Yes
8	It shall Support for Detection of Unidirectional links and support Unidirectional Link Detection (UDLD) or Bidirectional Forwarding Detection (BFD) or any other industry equivalent protocol	Yes	Yes	Yes
9	It shall have supports L2/L3/L4 QoS/CoS solutions help ensure that critical network services such as VoIP, ERP, Intranet, and video conferencing are served with proper priority.	Yes	Yes	Yes

10	It shall support unknown unicast and multicast port blocking to allow tight control by filtering packets that the switch has not already learned how to forward.	Yes	Yes	Yes
11	It shall support unicast MAC filtering to prevent the forwarding of any type of packet with a matching MAC address.	Yes	Yes	Yes
12	It shall be able to discover the neighboring device of the same OEM giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems. It shall support LLDP or LLDP-MED for network discovery	Yes	Yes	Yes
13	There shall be support for Asynchronous data flows upstream and downstream from the end station or on the uplink using ingress policing and egress shaping	Yes	Yes	Yes
14	It shall support Optical Transceiver Digital Diagnostic Monitoring and support 802.3ah link layer remote loopback and discovery	Yes	Yes	Yes
	Quality of Service (QoS) Features:	Yes	Yes	Yes
1	The LAN switch shall have per-port broadcast, multicast, and unicast storm control.	Yes	Yes	Yes

2	There shall be 8 hardware-based queues per port for flexible QoS management.	Yes	Yes	Yes
3	There shall be supports WRR / WRED / SP / WRR+SP	Yes	Yes	Yes
4	There shall be Shaping and Scheduling – SP / WRR / SPQ + WRR / WFQ / Weighted Deficit Round Robin (WDRR)	Yes	Yes	Yes
5	The switch should support QOS based on Switch port, 802.1p priority queues, vLAN ID, MAC addresses, IPv4/IPv6 addresses, DSCP, ToS, Protocol type, TCP/UDP ports, IPv6 traffic class	Yes	Yes	Yes
	Network Security Features:			
1	It shall support BPDU filtering feature, to shut down Spanning Tree Protocol Port Fast enabled interfaces when BPDUs are received to avoid accidental topology loops.	Yes	Yes	Yes
2	It shall support Spanning-Tree Root Guard (STRG) to prevent edge devices not in the network administrator's control from becoming Spanning Tree Protocol root nodes OR alternate solution.	Yes	Yes	Yes
	Management:	Yes	Yes	Yes
1	It shall have Remote Monitoring software agent to support for enhanced	Yes	Yes	Yes

	traffic management, monitoring, and analysis or FNF (flexible netflow) or any industry standard.			
2	It shall have Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination	Yes	Yes	Yes
3	It shall support Trivial File Transfer Protocol (TFTP) / File Transfer Protocol (FTP) / SCP	Yes	Yes	Yes
4	It shall support Simple Network Time Protocol/Network Timing Protocol (SNTP/NTP) to provide an accurate and consistent time stamp to all intranet switches	Yes	Yes	Yes
5	It shall support SNMPv1, SNMPv2c, SNMPv3 & SSH/Telnet interface support to deliver comprehensive in-band management, and a CLI-based management console to provide detailed out-of-band management.	Yes	Yes	Yes
	Other features			
1	Switch should support Surge Protection on power input and DDOS and Virus attack protection.	Yes	Yes	Yes
2	Loopback Detection (LBD) & Flex-Link or any other industry equivalent protocol	Yes	Yes	Yes
3	It should support 63 IP interface, 8 loopback	For Type-I & IV, It should	Yes	Yes

	interfaces and Intervlan routing	support 32 IP interface, 8 loopback interfaces and Inter vlan routing		
4	L3 features support Static Routing, OSPF v2/v3 ,IS-IS v6 ,BGP4+ ,BFD v4/v6,MPLS ,VRF and LDP.	For Typer-I: L3 (IPv4 & IPV6) features support Static Routing. For Typer-IV: L3 features support Static (IPv4 & IPV6) Routing and OSPF & BGP.	Yes	Yes
5	It shall support VRRP v2 or alternate option.	Yes	Yes	Yes
6	Switch must support Zero Touch Deployment feature so that it can automatically obtain IP address and configuration file from remote server	Yes	Yes	&Yes
7	It should support Ethernet Ring Protection Switching ERPS v2 for main ring and sub rings: G.8032 ERPS Ring Protection Switching provides loop avoidance with redundancy in Layer-2 Ethernet networks using concept of RPL (Ring Protection Link). The switch completion time (transfer time) for a failure on a ring link shall be less than 50ms.	Yes	Yes	Yes

8	It should support MPLS Layer-2 & 3 VPN (100 Nos) & VPLS (dual homing) ethernet circuits using concept of IP-MPLS (LDP) / EVPN-VXLAN. The switching completion time (transfer time) for a failure on a ring Network of IP-MPLS shall be less than 50ms.	Optional	Yes	Yes
9	It should support Minimum Label Stack: 5 and Minimum MPLS Labels: 8K.	Optional	Yes	Yes
10	It should support VPLS/L2-VPN instances on sub interfaces of one physical port and also support multiple VPLS/L2-VPN instances on one physical port or switch should support EVPN-VXLAN to achieve L2 functionality.	Optional	Yes	Yes
11	It shall support built-in power-on diagnostics and system monitoring capabilities to detect hardware failures.	Yes	Yes	Yes
12	Bandwidth management: Flow-based bandwidth management, ingress rate-limiting; egress rate shaping per port.	Yes	Yes	Yes
13	To check support for Standard and Extended Access Lists	Yes	Yes	Yes
14	It shall support access list based on IPv4/v6 address Protocol type IPv6 flow label VLAN-ID MAC-ID	Yes	Yes	Yes

	DSCP IPv6 traffic class TCP/UDP Port and User-defined packet content			
15	The Switch should support minimum 1K Ingress Access Control Entries	Yes	Yes	Yes
16	To check Login and Access control List violations shall generate alarms to Network Management System and a log of the same shall be generated.	Yes	Yes	Yes
17	It should support of SNMP v4 /SNMP v6	Yes	Yes	Yes
18	Switch should support CPU monitoring, Memory monitoring and password recovery.	Yes	Yes	Yes
19	Should have extensive support for IP SLA and best path selection for metrics like delay, latency, jitter, packet loss to assure business-critical IP applications or similar technology.	Yes	Yes	Yes
20	It should support duplicate address inspection	Yes	Yes	Yes
21	Support multiple privilege level to provide different level of access on console port and SSH sessions	Yes	Yes	Yes
22	Switch should support traffic segmentation	Yes	Yes	Yes
23	Switch should support IPv6 Neighbor Discovery (ND)	Yes	Yes	Yes
24	It should support IEEE 802.1ag Ethernet OAM: Connectivity Fault	Yes	Yes	Yes

	Management (Support 32 MEPs)			
25	It should support Ethernet OAM compliant with IEEE 802.3ah/Y.1731	Yes	Yes	Yes
26	It should support Radius and TACACS + Switch, Local Database	Yes	Yes	Yes
27	It should support L2 Protocol Tunneling for STP,LLDP and LACP.	Yes	Yes	Yes
28	Should support port and vlan mirroring and jumbo frame 9K.	Yes	Yes	Yes
29	Switch should support system log, traceroute, PING Size up to 9000 bytes or more.	Yes	Yes	Yes
30	Switch should have dual image. Switch shouldn't go in monitor in any case mode if power off during firmware upgrade.	Yes	Yes	Yes
31	Should support Optical Transceiver Digital Diagnostic Monitoring for All optical ports.	Yes	Yes	Yes
32	Switch should support following SNMP traps or syslog	Yes	Yes	Yes
	i)Interface UP & Down and Power Supply failure.	Yes	Yes	Yes
	ii)Optical power SFP threshold alarms	Yes	Yes	Yes
	iii)STP Topology Changes and New root bridge	Yes	Yes	Yes
	iv)LLDP table changes	Yes	Yes	Yes

	v)Threshold alarms for Temperature or should support telemetry.	Yes	Yes	Yes
	vi) Ethernet OAM SNMP alarms or should support telemetry	Yes	Yes	Yes
33	Switch should comply to following Temperature performance parameters :			
	i) Should support Industrial standard Operating Temperature - min 0 to 55 °C or better.	Yes	Yes	Yes
	ii) Storage Temperature - min 0 to 70 °C or better.	Yes	Yes	Yes
34	It shall have comprehensive debugging features required for software & hardware fault diagnosis. Switch should send events/alarms to EMS/NMS for power failures or system shut downs.	Yes	Yes	Yes
35	Bidder can propose Router based solution against requirement of ethernet fiber switch of Type-I,Type-II ,III & IV.	Yes	Yes	Yes
36	Proposed devices should be Interoperable with Juniper, Cisco and Nokia devices on the above features	Yes	Yes	Yes
37	RailTel may ask to showcase (PoC) for those devices (same series/family) which are not deployed in RailTel for all the above features to comply with technical specs asked if required.	Yes	Yes	Yes

38	Proposed system should be rack mountable to fit into a standard 19-inch rack and 1 RU space	Yes	Yes	Yes
39	All 10G and 100G interfaces should support LR, ER and ZR.	For 10G interface only.	Yes	Yes
40	The proposed Ethernet fiber switches of Type-I, Type-II, Type-III, and Type-IV shall be interoperable and fully compliant with standard communication protocols.	Yes	Yes	Yes
41	Bidder/OEM has to provide NMS/EMS to manage the proposed switches/routers or facilitate the RailTel team to integrate with RailTel OSS directly with no cost to RailTel. The offered devices must support SDN functionalities to integrate with 3rd party SDN Controller (in future).	Yes	Yes	Yes
42	Bidder/OEM has to provide Training and OEM certification of at least 20 employees of RailTel for those devices (same series/family) which are not deployed in RailTel existing Network.	Yes	Yes	Yes
43	The offered product of same series (having same OS & ASIC) should be supplied (during last 3 FY and current FY) as on date of opening of tender, in India in Government /PSUs/Telecom Service Providers (NLD or Class-A ISP)/Public Listed	Yes	Yes	Yes

	Company. Documentary evidence for same should be submitted along with offer.			
44	OEM should be listed in telecom trusted portal as trusted source.	Yes	Yes	Yes

2.3 SOR-7 to 13 SFPs.

S.N.	Description	Functionality required/Supported
1	SFP28-ER/ZR -25G	1.Optical distance-40KM 2.Ethernet capacity-25Gbps 3.Type of connector-LC 4.Fiber Type-Single/Dual fiber on Single mode fiber. 5. Optical Power Budget: 24db on 1310 nm.
2	SFP28-LR/ER-25G	1.Optical distance-10KM to 40KM 2.Ethernet capacity-25Gbps 3.Type of connector-LC 4.Fiber Type-single fiber on Single mode fiber. 5.Optical Power Budget: 18db on 1310nm.
3	QSFP+-ER 40G	1.Optical distance-40KM 2.Ethernet capacity-40Gbps 3.Type of connector-LC 4.Fiber Type-single/Dual fiber on Single mode fiber. 5.Optical Power Budget: 18db on 1310nm.
4	QSFP28 LR4 - 100G	1.Optical distance-10KM 2.Ethernet capacity-100Gbps 3.Type of connector LC

		4.Fiber Type-single/Dual fiber on Single mode fiber
5	QSFP+ LR4-40G	1.Optical distance-10KM 2.Ethernet capacity-40Gbps 3.Type of connector LC 4.Fiber Type-single/Dual fiber on Single mode fiber.
6	SFP+-LR/ER- 10G	1.Optical distance-10 to 40 KM 2.Ethernet capacity-10Gbps 3.Type of connector- LC 4.Fiber Type-single fiber on Single mode fiber. 5.Optical Power Budget: 18db on 1310nm. 6. Should provide SFPs in Pair (BX U & D) against each SOR-12 qty.
7	SFP+ ER- 10G	1.Optical distance-40 TO 60KM 2.Ethernet capacity :10 Gbps 3.Type of connector- LC 4.Fiber Type-single fiber on Single mode fiber 5.Optical Power Budget: 24db on 1310nm. 6. Should provide SFPs in Pair (BX U & D) against each SOR-13 qty.
Features Required for all types of SFPs		
9	OEM should be listed in telecom trusted portal as trusted source.	Yes
10	Should support DDMI feature.	Yes
11	OEM should be having valid ISO 9000 & ISO 14000	Yes

	certification on the date of opening of bid.	
12	Should have CE and FCC regulatory compliances.	Yes
13	SFP modules should comply with multi-source agreement (MSA), enabling compatibility with other vendors equipment Cisco, Juniper, Nokia, D-Link, Zyxel, Edge Core, Extreme etc.	Yes
14	Operating Temperature of the SFP Should be mini 0 to 70 °C (23 to 149 °F)	Yes
15	The offered product of same series/family should have Satisfactorily working for at least 12 months (during last 3 FY and current FY) as on date of opening of tender, in India in at least two Government /PSUs/Telecom Service Providers (NLD or Class-A ISP)/Public Listed Company. Documentary evidence for same should be submitted along with offer.	Yes

RAILTEL

A Government of India
Undertaking

Section-II

Chapter 5

OFFER LETTER

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar,
New Delhi-110023

1. I/We _____ have read the various conditions detailed in tender documents attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this offer open for acceptance for a period of 120 days from the date of submission and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to supply various equipment at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work of “**Supply of Router, Fiber Switches and SFPs**” within 120 days from the date of issue of Purchase Order. I/We also hereby agree to abide by the Various Conditions of Contract and to carry out the supplies according to the Specifications for materials and works laid down by RailTel.
2. A sum of **Rs. 66.90 Lakhs through e-nivida Portal** herewith submitted as “Earnest Money”. The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if, I/We withdraw or modify the offer within validity period or do not deposit the security deposit (Performance Bank Guarantee) within **30 days** after issue of Letter of Acceptance / Purchase Order.

SIGNATURE OF SUPPLIER (S)

Date:

CONTRACTOR (S) ADDRESS

SIGNATURE OF WITNESS:

1.

2.

Chapter-6

INSTRUCTIONS TO THE TENDERERS

For E-Tendering bids /information by bidders is to be submitted “Online” on e-Procurement Portal <https://railtel.enivida.com>. Any document / information pertaining to this chapter will have to be submitted by the bidder on line. The digital signature of the tenderer on the e-tender form will be considered as confirmation that the tenderer has read, understood and accepted all the documents, unless special deviation is quoted by the tenderer in the technical & commercial deviation templates.

PLEASE NOTE

ALL COLUMNS SHOULD BE FILLED AND BLANK COLUMNS, IF ANY, SHOULD BE MARKED AS NIL.

PLEASE READ CAREFULLY THE SCHEDULE OF REQUIREMENTS, INSTRUCTIONS TO THE TENDERERS, GENERAL & SPECIAL TENDER CONDITIONS, STANDARD CONDITIONS OF CONTRACT AND TECHNICAL SPECIFICATIONS OF SCHEDULE OF REQUIREMENTS BEFORE uploading THE TENDER FORM. PLEASE SIGN ON EACH PAGE.

THE TENDERER MAY DOWNLOAD TENDER FORM FROM THE WEB SITE ‘www.railtelindia.com’ OR FROM THE e-Procurement Portal <https://railtel.enivida.com>,

NOTE: For online bid submission the tenderer will have to necessarily download an official online copy of the tender documents from e-Procurement Portal <https://railtel.enivida.com>, and this should be done well before the deadline for bid-submission.

The Tender document consists of the following:-

Notice Inviting Tender

Section ‘I’ (Variable)

Chapter 1 Schedule of Requirements (Price Schedule)

Chapter 2 Bid Data Sheet

Chapter 3 Special Tender Conditions

Chapter 4 Technical Specifications

Section ‘II’ (Fixed)

Chapter 5 Offer Letter

Chapter 6 Instructions to the Tenderer

Chapter 7 General Tender Conditions

Chapter 8 Standard Conditions of Contract

Chapter 9 Proforma for Required Forms / Undertaking

Chapter 10 Check List

6.1 Offer Letter:

- 6.1.1 The bidder shall complete the Offer Letter (Chapter-5) and the Price Schedule (Chapter-1) furnished in the bid document, indicating the goods to be supplied, description of the goods, associated technical literature, quantity and prices etc.

- 6.1.2 Bidders should enclose their credentials including supply of equipment/material to Reputed Telecom Operators and Government/PSUs. (Proforma to be enclosed)

6.2 Instructions for Tender Document to the tenderer

The RailTel Tenders are published on www.railtelindia.com and on e-Procurement Portal <https://railtel.enivida.com>.

NOTE: For online bid submission the tenderer will have to necessarily download an official online copy of the tender documents from e-Procurement Portal <https://railtel.enivida.com>, and this should be done well before the deadline for bid-submission.

6.3 Submission of Offers and Filling of Tender:

This e-tender should be duly submitted online using e-Procurement Portal <https://railtel.enivida.com>.

- a. Offer form, tender schedule and firm's letter head (if used) must be duly signed by the tenderer in each page.
- b. The Tenderer should avoid over writings and corrections. However, if such corrections and over writings become inescapable, these are to be properly and legibly corrected. Offers with correction / over writing should be properly attested by the Tenderer at every correction.
- c. The rates quoted should be written both in words and figures. The unit of rates should be in metric system and as per tendered 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.
- d. Tenderers are requested to go through the Standard Conditions, Special Conditions, Instructions to Tenderers, General Conditions carefully and note that, by submitting the tender documents, duly signed, they have accepted these conditions and undertake to abide by these conditions (unless specifically disagreed to clause wise).

6.4 Earnest Money Deposit (EMD)/ Bid Security:

- 6.4.1 The tenderer shall furnish a sum as given in Bid Data Sheet (BDS) Chapter 2 as Earnest Money through e-nivida Portal.
- 6.4.2 The Bid Security/ EMD shall be taken from all tenderers against advertised tenders subject to the following exemptions:
- a. Tender cases of value up to Rs. 5 (five) Lakhs.
 - b. Micro and Small Enterprises (MSEs) registered under Udyam Registration.
 - c. Startups as recognized by Department of Promotion of Industry and Internal Trade (DPIIT).
- 6.4.3 In place of bid security, bid securing declaration shall be required from the bidders who are exempted from paying Bid Security. Format of Bid Security Declaration is enclosed in Form-10.

- 6.4.4 The EMD may be forfeited if a bidder withdraws his offer or modifies the terms and conditions of the offer during validity period and in the case of a successful bidder, if the bidder fails to accept the Purchase order and fails to furnish performance bank guarantee (security deposit) in accordance with clause 6.
- 6.4.5 Offers not accompanied with Earnest Money shall be summarily rejected.
- 6.4.6 Earnest Money of the unsuccessful bidder will be discharged / returned as promptly as possible but not later than 30 days after the expiry of the period of offer / bid validity prescribed by the Purchaser.
- 6.4.7 The successful bidder's EMD will be discharged upon the bidder's acceptance of the purchase order satisfactorily and furnishing the performance bank guarantee in accordance with clause 6.
- 6.4.8 Earnest Money will bear no interest.

6.5 Security Deposit/Performance Bank Guarantee:

The successful tenderer shall submit 10% of total value of the stores detailed in the Acceptance Offer towards security deposit in the form of FDR or online transfer or irrevocable Bank Guarantee within 30 days of issue of Advance purchase order/Sub Purchase Order as per under mentioned item (i) & (ii), failing which a penal interest of 15% per annum shall be charged for the delay period i.e. beyond 30 (thirty) days from the date of issue of LOA/APO/BPO/SPO, from any scheduled bank for due fulfillment of contract as per the details given below:

- i) Security Deposit/Performance Bank Guarantee of 2.5% of total value of the stores is required to be submitted within 30 days of issue of Rate Contract/APO/BPO. The PBG should be valid for a period 3 months beyond warranty period from the date of issue of APO/BPO to cover Validity of Advance Purchase Order, delivery period and Warranty period.
- ii) Security Deposit/Performance Bank Guarantee of 7.5 % of Sub PO value of the stores is required to be submitted within 30 days of issue of Sub PO with validity of 3 months beyond warranty period.

The security deposit/Performance Bank Guarantee shall be released after successful completion of Contract including warranty period obligations under the contract, duly adjusting any dues recoverable from the successful tenderer.

Note:

- 1) 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.

- 2) Any performance security upto a value of Rs. 5 Lakhs is to be submitted through online transfer only.
- 3) In case of submission of Security Performance in form of FDR then lien should be created in favor of “RailTel Corporation of India Ltd”.

6.6 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.

6.7 Fax Quotations & Late Tenders:

Fax Tender documents and Late/Delayed tenders will not be considered.

6.8 Deleted

6.9 Attendance of Representatives for Tender Opening:

Representatives of tenderers desirous to attend the tender opening can do soon production of a proper letter of authority from the respective firm, failing which they may not be allowed to attend the tender opening. Authorized representatives of those firms who have submitted the tender documents alone shall be allowed to attend the tender opening.

6.10 Other Particulars to be enclosed along with tender:

Year	PO. No. & Date with description of item	Name of the purchaser	Qty. Ordered	Date of delivery in the Purchase Order	Qty. supplied within scheduled date of delivery	Qty. supplied during 1 st extension	Qty supplied during 2 nd extension	Qty Supplied during 3 rd extension
1	2	3	4	5	6	7	8	9

- i) Complete Tender documents, digitally signed or duly signed & stamped on each page in token of acceptance should be submitted online.

6.11 Rate, Taxes and Duties: -

6.11.1 Tenderer should submit offer on CIP destination basis. Tenderers should clearly indicate separately ex-works basic price, packing charges, forwarding charges, CGST/SGST/IGST/GST, Freight and insurance charges up to destination, applicable for each unit tendered.

6.11.2 Tenderers are requested to quote under the following terms: -

The tenderers are required to quote in the same rate units/ Sets etc. as given in the tender schedule. Any deviation in this aspect will make the offer liable to be ignored.

6.11.3 Tenderer should submit firm price offer. Price quoted by the bidder shall remain fixed during the entire period of contract. The offer shall be firm in Indian Rupees. No Foreign exchange will be made available by the purchaser.

6.12 Excise Duty: Deleted

6.13 GST related clause:

6.13.1 If any tenderer desires to ask for CGST/SGST/IGST/GST to be paid extra, the same must be specifically stated. In the absence of any such stipulation in the tender it will be presumed that the prices quoted by the tenderer are inclusive of all taxes and no liability for payment of the CGST/SGST/IGST/GST will be devolved upon the purchaser.

6.13.2 CGST/SGST/IGST/GST should be quoted extra if applicable.

- a) While quoting the rates, tenderer should pass on (by way of reduction in prices) the set off/input tax credit that would become available to them duly stating the quantum of such credit per unit of the item quoted for.
- b) The tenderer while quoting for tenders should give the following declaration:

“We agree to pass on such additional set off/input tax credit as may become available in future in respect of all the inputs used in the manufacture of the final production in price and advise the purchaser accordingly”.

The supplier while claiming the payment shall furnish the following certificate to the paying authority.

“We hereby declare that additional set off/input tax credit to the tune of Rs. _____ has accrued and accordingly the same is being passed on to the purchaser and to that effect the payable amount may be adjusted.”

If any surcharge on tax is applicable the same should be indicated clearly.

6.13.3 The price quoted in the offer should be firm, fixed indicating the breakup and inclusive of all taxes & duties like import, custom, Anti-Dumping, CGST, SGST, IGST, UTGST etc. The offer should be inclusive of packing, forwarding, freight up to destination, insurance charges.

6.13.4 Bidder shall issue valid tax invoice to RailTel for availing proper credit of CGST, SGST, IGST, UTGST incase of award of Contract. GST will not be reimbursed in the absence of valid tax invoice.

6.13.5 For all the taxable supplies made by the vendor, the vendor shall furnish all the details of such taxable supplies in the relevant returns to be filed under GST Act.

6.13.6 If the vendor fails to comply with any of the above, the vendor shall pay to purchaser any expense, interest, penalty as applicable under the GST Act.

6.13.7 In case of incorrect reporting of the supply made by the vendor in the relevant return, leading to disallowance of input credit to purchaser, the vendor shall be liable to pay applicable interest under the GST Act to the credit of purchaser. The same provisions shall be applicable in case of debit/credit notes.

- 6.13.8** Tenderer shall quote all-inclusive rates, but there shall be break up of basic price and all type of applicable taxes such as CGST, SGST, IGST, UTGST along with respective HSN/SAC Code under GST Law (including tax under reverse charges payable by the recipient).
- 6.13.9** Wherever the law makes it statutory for the Purchaser to deduct any amount towards GST at source, the same will be deducted and remitted to the concerned authority.
- 6.13.10** In regards to works contract, the tenderer should have registration no. for GST in respective state where work is to be executed and shall furnish GST registration certificate along with Tender.
- 6.13.11** The imposition of any new tax and/or increase/in the aforesaid taxes, duties levies, after the last stipulated date for the receipt of tender including extensions if any and the bidder there upon necessarily and properly pays such taxes/levies/cess, the bidder shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of RailTel attributable to delay in execution of work within the control of bidder. The bidder shall, within a period of 30 days of the imposition of any such tax or levy or cess, give a written notice thereof to RailTel that the same is given pursuant to this condition, together with all necessary information including details of input credit relating thereto. In the event of non-payment/ default in payment of any of the above taxes, RailTel reserves the right to withhold the dues/payments of bidder and make payment of State/Central Government authorities as may be applicable. However, if the rates are reduced after the last stipulated date for receipt of tender, bidder has to pass on the benefits to RailTel.
- 6.14 In case of imported equipment: -**
Anti-Dumping duty if applicable on the equipment proposed to be supplied by OEM/Tenderer as per extant instructions of Ministry of Commerce/Finance Government of India, has to be borne by the tenderer and shall be deducted from the amount payable to the bidder at the time of making payment to the firm, if this duty amount is paid to Custom Authority by RailTel.
- 6.15** The tenderers are to indicate the Income-Tax PAN details and enclose a Photocopy of the same as governed by extant rules of the Government of India.
- 6.16 Validity:** Tenderers are to keep validity of their offer open for a minimum period as per bid data sheet. Offers with validity period of shorter duration would be taken as non-responsive and rejected.
- 6.17 Evaluation Criteria:**
- i) Rates quoted by the Tenderers with discounts, if any, linked to quantity will not be considered for determining inter-se position of the offers. Discounts with conditions attached to early payment, early Receipt/ Accountable etc., will also not be considered for determining inter-se position of the offers. However, RailTel may avail the discounts linked to quantity, early payment, early receipt/ Accountal etc. if otherwise, firm's offer is found to be acceptable.

- ii) Inter se position of the offers will be determined on total unit rate on CIP destination basis which will include basic rate, custom duty, CGST, SGST, IGST, GST, freight, insurance and any other charge or cost quoted by the tenderer, including GST payable.

On reverse charge by RailTel, wherever applicable.

- 6.18 The Special Tender Conditions, wherever, they differ from General and Standard Conditions will override the later.

6.19 **Compliance & Deviation statements:**

Compliance statement for acceptance of the Technical Specifications (Chapter4) and Instructions & Conditions (Chapter3, Chapter 6, Chapter 7 and Chapter 8) shall be enclosed by the tenderer with the offer along with the technical literature of the material and other documents in support of relevant clauses. Deviation statement, if any, (Chapter-wise and Clause-wise) from these technical Specification & Tender conditions should also be submitted wherever tenderer wishes to deviate from these conditions.

6.20 **Tenderer's Comments:**

Any comments which the tenderer desires to make shall take the form of a separate statement in English and giving reference to page, clause or item numbers and shall be submitted along with the tender.

- 6.21 Deleted

6.22 **Tax deducted at Source:**

Statutory deduction of taxes would be made as per the prevalent rules. The PAN number may be furnished invariably.

6.23 **Addenda / Corrigenda:**

Addenda / Corrigenda to the tender documents may be issued by RailTel prior to the date of opening of the tenders, to clarify or reflect modifications in the contract terms and conditions or in the design. Such addendum/corrigendum shall be available on E-nivida Portal only. Tenderers who are unable or unwilling to bring their tenders to conform to the requirements of the RailTel are liable to be rejected.

6.24 **Ambiguity:**

If there is any ambiguity or doubt as to the meaning of any of the tender clauses/ conditions or if any additional information required, the matter should immediately be referred to RailTel in writing.

6.25 **Bid submission & Opening (On Line only)**

- 6.25.1 EMD should be submitted through E-nivida Portal. Bids without EMD will be summarily rejected.

- 6.25.2 The bid should be submitted online with all the required documents and Annexures mentioned in the tender along with supporting documents. All the documents, Annexures and supporting documents should be duly signed and stamped. The bid should consist of following:

1. Power of attorney in favour of the signatory duly authorizing the signatory on non-Judicial stamp paper. Original copy is needed to be submitted by tenderer on or before

- 3 working days after the opening of tender at RailTel Corporate Office, Plate-A, 6th Floor, Office Block-2, East Kidwai Nagar, New Delhi – 110 053.
2. Complete Tender documents, digitally signed or duly signed & stamped as token of acceptance should be submitted online.
 3. Compliance statement for acceptance of Technical specification (Chapter 4) & Instructions and Tender Conditions (Chapter 3, 6, 7, 8).
 4. Deviation Statement, if any (Chapter wise and Clause wise from Technical Specification & Tender conditions).
 5. Performance statement including Copies of Purchase Orders & Inspection certificates as per clause 6.10 Chapter 6.
 6. OEM vetted BOM in compliance to conditions of Chapter-1 and technical specifications of Chapter-4. No deviation certificate from OEM.
 7. System Performance Guarantee.
 8. MAF/OEM Authorization.
 9. Undertaking of Long Term Maintenance Support from OEM.
 10. Notarized affidavit on a non-judicial stamp.
 11. Bank details with canceled cheque.

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

- 6.25.3 The tenderer's bids will be opened at the time & date of opening of the tender given in Bid Data Sheet (BDS) online in the presence of such Tenderers/Representatives who choose to be present online. The Tenderers/Representatives can also choose to be physically present in the office of RailTel for the Online Public Tender Opening Event.



Chapter 7

7.0 GENERAL TENDER CONDITIONS

7.1 Acceptance of the Offers: -

RailTel is not bound to accept the lowest or any offer and reserves to itself the right to accept any offer in respect of the whole or any portion of the item specified in the tender and contractor shall be required to supply at the rate quoted.

7.2. Purchaser's Right to Vary Quantities :

The purchaser shall be at liberty to enhance or reduce the quantity mentioned in the LOA/Sub PO/PO as indicated in Bid Data Sheet (BDS) Chapter 2 without assigning any reasons. The bidder shall comply with such modifications unconditionally provided these are made before completion of the deliveries under the purchase order/LOA. Any such change in quantity shall have no impact on the rates mentioned in the purchase order/LOA for any such item.

7.3 Deleted.

7.4 Payment Terms:

Payment will be done after submission of the following documents:

- i. Invoice.
- ii. Delivery Challan
- iii. Contractor's certificate of dispatch
- iv. Undertaking against Fall Clause
- v. Inspection Certificate
- vi. Consignee's receipt
- vii. Warranty guarantee certificate of OEM (should be mentioned item make, model with serial number and date of purchase of warranty from OEM and its validity which will cover entire period of warranty as per tender condition)
- viii. Performance Bank Guarantee

In case of "Supply Only"

100% of the value of the part supply of Equipment on receipt by the consignee at site duly inspected and accompanied with above mentioned documents.

In case of "Supply and Installation"

- a) 80% of the value of the part supply of Equipment on receipt by the consignee at site duly inspected and accompanied with above mentioned documents.
- b) Balance 20% of value of the part supply on successful installation & commissioning at site. Bidder has to install and commission the equipment within 30 days from the communication by RailTel EIC (Engineer in charge) in this regard. In case installation and commissioning is delayed due to any reason beyond the control of the Contractor then 20% payment can be released after submission of a bank Guarantee of equal amount valid for a period of one year.

7.5 Inspection:

- 7.5.1 The supplier/manufacture shall give a call for inspection within six weeks of issue of Sub PO when the material is ready to be supplied and ready for inspection. The Inspection shall be carried out at supplier's/Manufacturer's facility in India by the Inspecting Authority. The supplier shall make available for inspection all types of equipment's in sufficient numbers so as to create a test setup for carrying out various tests as per the approved test plan and test setup. If equipment is imported, equipment required for test setup only shall be brought to India in the first lot. Balance material shall be dispatched only after inspected material has been cleared and inspection certificate issued.
- 7.5.2 The supplier/manufacture shall submit along with inspection call the details of test procedures, test programs, test parameters together with permitted values, etc., and their Quality Assurance Plan.
- 7.5.3 In case material/equipment fails during inspection, the fresh lot of same material/ equipment 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/cost.
- 7.5.4 Inspection of the material including that of raw material if deemed required shall be conducted by approved Govt. inspecting authority of repute like RITES /RDSO/CIPET or any other agency /representative authorized by RailTel in exceptional circumstances, at the firm's premises. The inspection shall be conducted by inspecting authority as per required test procedures /test plan for ensuring that the material offered meets the required specifications.
- 7.5.5 The material should be offered for inspection within six weeks of issue of purchase order. Travelling, lodging and boarding expenses of RailTel representative and charges for third party inspection if any shall be borne by RailTel, but necessary facilities to carry out test /witness inspection shall be provided by the manufacturer/supplier, free of cost.
- 7.5.6 The manufacturer shall maintain stock register (receipt, issue and balance) and defect records for the raw material. The defect records shall be in standard formats and it shall be compiled on a daily/ weekly/ monthly basis and it shall be analyzed. "NIL" Report shall be segregated from the accepted material. First-in First-out concept shall be implemented in foolproof manner. The batches of the raw material shall be identified and traceable. All relevant documents necessary to ensure trace-ability shall be maintained. The raw material shall be protected from direct exposure to sunlight, moisture, water ingress and heat etc.
- 7.5.7 Finished products shall be tested 100% by the factory QC personnel before being offered to RailTel for acceptance to ensure that it meets all quality requirements as per the relevant specifications. Duly filled in test formats indicating the results of such tests shall be submitted along with material offered for inspection to RailTel.

7.6 Terms of Delivery:

- a) Mode of dispatch should be by road / reputed courier / in person through the authorized representative of the Tenderer.
- b) Tenderer shall submit the offer clearly on CIP destination basis.

- c) Transit Insurance for risk in transit should be arranged by the supplier, since risk in transport in all such cases rests with the supplier.

7.7 Delivery Schedule

- a) The tenderer should note the required delivery schedule of RailTel given in the tender schedule /offer form and quote accordingly. Vague Delivery terms must be avoided and if quoted, will be taken as commercially unresponsive to RailTel's requirement.
- b) Time and the Date of delivery as specified in tender schedule /offer form is the essence of the Contract. However, extension of Delivery date may be considered in deserving cases where genuine reasons exist. Such extensions of delivery date may be considered with or without Liquidated damages and Denial Clause as per Standard conditions of Contract.
- c) 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.

7.8 Marking of Material Supplied:

The tenderer should agree to indicate the Manufacture's Name, Month and Year of manufacturing by casting/stamping/etching/embossing, at an appropriate place of each piece supplied, without affecting the functional utility and structural stability of the components/material.

7.9 Procurement from Manufacturers Authorized agents / Distributors:

Only Manufacturers or their authorized Agents/ distributors need to quote with tender specific authorization from the manufacturers failing which offers are liable to be ignored.

Where a manufacturer appoints an agent or a distributor on the basis of a written agreement with him for a specific territory or specific set of items, he shall give an undertaking to the following effect:

- a) Direct dispatch from the premises of the manufacturer to the consignee.
- b) Submission of manufacturer's Test and Guarantee Certificate (MTGC) with each lot of supplies.

7.10 RailTel Region's details:

Each Region is headed by Principal Executive Director (PED)/Regional General Manager (RGM), under whom, Additional General Manager / Deputy General Managers (Referred as DGM's) are working. Details of regions are given below.

SN	Region	Regional offices	Addresses	States
1.	Northern Region	New-Delhi	Regional General Manager 6th Floor, Block-III, Delhi IT Park, Shastri Park. Delhi-110053.	Haryana, Rajasthan, Uttar Pradesh, Delhi, Jammu & Kashmir, Punjab, Madhya

				Pradesh, Himachal Pradesh, Uttarakhand.
2.	Eastern Region	Kolkata.	Regional General Manager. 19th Floor, Aurora Waterfront Building, Plot no. 34/1, Block - GN, Sector - V, Salt Lake City, Kolkata -700091.	West Bengal, Orissa, Bihar, Madhya Pradesh, Chhattisgarh, Jharkhand, Assam, Tripura, Meghalaya, Manipur, Mizoram, Arunachal, Nagaland.
3.	Southern Region	Secunderabad	Regional General Manager 2nd Floor B-Block, Rail Nilayam, Secunderabad-500071.	Andhra Pradesh, Tamil Nadu, Karnataka, Kerala, Pondicherry.
4	Western Region	Mumbai	Regional General Manager Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi, Mumbai-400013.	Gujarat, Maharashtra, Karnataka, Rajasthan, Madhya Pradesh, Goa.

7.12 The requirement of the Tendered stores may be at any location within the Region indicated in clause 7.11.

7.13 Purchaser's right to accept any Bid and to reject any or all Bids:

The Purchaser reserves the right to accept or reject any bid, to annul the process at any time prior to award of contract and without thereby incurring any liability to the affected bidder or bidders on the grounds of the Purchaser's action.

7.14 Issue of Confirmed Supply Orders:

Corporate Office of RailTel will issue the Supply Orders within validity period of contract Agreement/Advance Purchase order.

7.15 Force Majeure Clause:

In the event of either party being rendered unable by force majeure conditions to perform any obligation to be performed by them under the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure events last. The cost and loss sustained by either party shall be borne by respective parties.

The term force majeure employed herein shall mean Act of God, war (declared or not), storms, floods, tsunami, restraints imposed by Governments, Riots, Strikes, Go Slow, Lock Out or any labour unrest at the works of the contractor (to be substantiated by the contractor with document), civil commotion, fire, accident, sabotage, earthquake or any other natural calamities, plague, quarantine, import or export embargoes, or change in Govt. policies or the like circumstances or any happening affecting the performance by the contractor or its obligations under this contract which, in the opinion of RailTel, the contractor cannot reasonably prevent or control against.

Chapter 8

STANDARD CONDITIONS OF CONTRACT

8.0 Definitions and Interpretation.

8.0.1 In the Contract, unless the context otherwise requires;

8.0.2 "Acceptance of Tender" means the letter of memorandum communicating to the Contractor the acceptance of his tender and includes an advance acceptance of his tender;

8.0.3 "Consignee" means where the stores are required by the acceptance of tender to be dispatched by rail, road, air or steamer, the person specified in the Acceptance of Tender to whom they are to be delivered at the destination; Where the Stores are required by the acceptance of tender to be delivered to a person as an interim consignee for the purpose of dispatch to another person, such other persons; and in any other case the person to whom the stores are required by the acceptance of tender to be delivered in the manner therein specified.

8.0.4. "Contract" means and includes the invitation to tender, instructions to tenderers, acceptance of tender, Standard Conditions of Contract, Special Conditions of Contract, particulars and the other conditions specified in the acceptance of tender and includes a repeat order which has been accepted or acted upon by the contractor and a formal agreement if executed;

8.0.5. The "Contractor" means the person, firm or company with whom the order for the supply is placed and shall be deemed to include the contractor's successors (approved by the Purchaser), representatives, heirs, executors and administrators as the case may be, unless excluded by the terms of the contract;

8.0.6. "The Sub-contractor" means the person, firm or company from whom the Contractor may obtain any material or fittings to be used in the supply or manufacture of the stores;

8.0.7. "Drawing" means the drawing or drawings specified in or annexed to the Schedule or Specifications

8.0.8. "Government" means the Central Government or a State Government, as the case may be;

8.0.9. "The Inspecting Officer" means the person specified in the contract for the purpose of Inspection of stores or work under the contract and includes his authorized representative;

8.0.10. "Material" means anything used in the manufacture or fabrication of the stores

8.0.11. "Particulars" include-

(a)"Specifications" shall mean all directions, various technical specifications, provisions and requirements attached to the contract, as originally agreed and as modified from time to time by RailTel subject to price adjustments mutatis mutandis which pertain to the method and manner of performing the work or works to the quantities and qualities of the work or works and the materials to be furnished under the contract for the work or works as may be amplified or modified by RailTel-incharge during the performance of the contract in order to provide for unforeseen conditions or in the best interest of the work or works. It shall also include the latest edition including all addenda / corrigenda of relevant Bureau of Indian standard specifications and other relevant codes governing a particular activity or facility.

The term shall include the specifications specified in the contract in respect of each type of material/goods to be used in the execution of contract.

(b) Drawings

(c) Pattern bearing the seal and signature of the Inspecting Officer (hereinafter called the sealed pattern) which shall include also a certified copy thereof sealed by the Purchaser for the guidance of the Inspecting Officer;

(d) Sample sealed by the Purchaser for guidance of the Inspecting Officer (hereinafter called the certified sample) which shall include a certified copy thereof sealed by the Purchaser for the guidance of the Inspecting Officer;

(e) Trade pattern, that is to say, a pattern, stores conforming to which are obtainable in the open market and which denotes a standard of the Indian Standard Institute or other standardizing authority or a general standard of the industry:

(f) "Proprietary mark "or "brand" means the mark or brand of a product which is owned by an industrial firm;

(g) Any other details governing the construction, manufacture or supply of stores as may be prescribed by the contract;

8.0.12. " Purchase Officer" means the officer signing the acceptance of tender and includes any officer who has authority to execute the relevant contract on behalf of the Purchaser.

8.0.13. " The Purchaser "means RailTel Corporation of India Limited with its corporate office Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023 acting through Chairman &Managing Director or his authorized officer.

8.0.14. "Signed" includes stamped, except in the case of an acceptance of tender or any amendment thereof

8.0.15. "Site" means the place specified in the contract at which any work is required to be executed by the contractor under the contract or any other place approved by the Purchaser for the purpose;

8.0.16. "Stores" means the goods specified in the contract which the contractor has agreed to supply under the contract;

8.0.17. "Supply Order" means an order for supply of stores and includes an order for performance of service;

8.0.18. "Test" means such test as is prescribed by the particulars or considered necessary by the Inspecting Officer whether performed or made by the Inspecting Officer or any agency acting under the direction of the Inspecting officer;

8.0.19. "Unit" and "Quantity" means the unit and quantity specified in the contract;

8.0.20. "Engineer / Engineer-in-Charge" Shall mean an executive of RailTel in charge of works and shall include the superior executives of RailTel. He is responsible for ensuring that all fieldworks covered by the contract are carried out in accordance with approved designs,

drawings & specifications and conditions of contract as agreed to. "Engineer's Representative" Shall mean the supervisor of RailTel in direct charge of the works.

- 8.0.21. The delivery of the stores shall be deemed to take place on delivery of the stores in accordance with the terms of the contract, after approval by the Inspecting Officer if so provided in the contract to
- (a) The consignee at his premises; or
 - (b) Where so provided the interim consignee at his premises, or
 - (c) A carrier or other person named in the contract for the purpose of transmission to the consignee, or
 - (d) The consignee at the destination station in case of contract stipulating for delivery of stores at destination station.
- 8.0.22. "RailTel" Means M/s. RailTel Corporation of India Limited, which includes all the subordinate offices in Regions and territories.
- 8.0.23. Deleted
- 8.0.24. "Tenderer" or "Bidder" Means and includes any firm of engineers or Contractors or any company or body, corporate or otherwise, who submits the Tender which has been invited.
- 8.0.25. "Work or Works" Means all or any of the items of the work for which the Tenderer/ Contractor has Tendered/contracted according to the specifications, drawings annexed or to be implied there from, or incidental thereto or to be hereafter specified or required in such explanatory instructions and drawings, being in conformity with the original specifications, drawings, Annexure and schedules and also such instructions and drawings additional to the aforementioned as may from time to time be issued by the Purchaser's Engineer during the progress of the contracted work.
- 8.0.26. "Bid" or "Tender" shall mean the proposal/document that the BIDDER submits as his offer with price and conditions in the requested and specified format as detailed in 'Specifications' / 'Tender documents
- 8.0.27. "Purchaser's Engineer" Means the Chairman & Managing Director of RailTel or successor who will decide all matters relating to design, manufacture, installation and commissioning of the plant and equipment at site.
- 8.0.28. "CIP (Carriage & Insurance Paid) Destination" means the date of delivery would be the date on which the delivery is affected at the consignee's end within any of the RailTel's Region.
- 8.0.29. Words in the singular include the plural and vice versa
- 8.0.30. Words importing the masculine gender shall be taken to include the feminine gender and words importing persons shall include any company or association or body of individuals, whether incorporated or not;
- 8.0.31. The heading of these conditions shall not affect the interpretation or construction thereof;
- 8.0.32. Terms and expression not herein defined shall have the meanings assigned to them in the Indian Sale of Goods Act, 1930 (as amended), or the Indian Contract Act, 1872 (as amended) or the General Clauses Act, 1897 (as amended), as the case may be.

8.1.0 **Parties**-The parties to the contract are the Contractor and the Purchaser, as defined in Clauses 8.0.5 and 8.0.13.

8.1.1. Authority of person signing the Contract on behalf of the Contractor-A person signing the tender or any other document in respect of the Contract on behalf of the Contractor without disclosing his authority to do so shall be deemed to warrant that he has authority to bind the Contractor. If it is discovered at any time that the person so signing has no authority to do so, the Purchaser may, without prejudice to any other right or remedy of the Purchaser, cancel the contract and make or authorize the making of a purchase of the stores at the risk and cost of such person and hold such person liable to the Purchaser for all costs and damages arising from the cancellation of the contract including any loss which the Purchaser may sustain on account of such purchase. The provisions of Clause 8.6.0 and 8.6.2 shall apply to every such purchase as far as applicable.

8.1.2. Address of the Contractor and notices and communications on behalf of the Purchaser:-

- (a) For all purposes of the contract, including arbitration there under, the address of the Contractor mentioned in the tender shall be the address to which all communications addressed to the Contractor shall be sent, unless the Contractor has notified change by a separate letter containing no other communication and sent by registered post acknowledgement due to the Purchaser. The Contractor shall be solely responsible for the consequence of an omission to notify a change of address in the manner aforesaid.
- (b) Any communication or notice on behalf of the Purchaser in relation to the contract may be issued to the Contractor by the Purchase Officer and all such communications and notices may be served on the Contractor either by registered posts or under certificate of posting or by ordinary post or by hand delivery at the option of such officer.

8.2.0. **Quotations of rates by Contractors**

- (a) The price quoted by the Contractor shall not be higher than the controlled price fixed by law for the stores or where there is no controlled price, it shall not exceed the prices or contravenes the norms for fixation of prices laid down by Government or where no such prices or norms have been fixed by the Government, it shall not exceed the price appearing in any agreement relating to price regulation by any industry in consultation with the Government.

In any case, save for special reasons stated in the tender, the price quoted shall not be higher than the lowest price charged by the Contractor for stores of the same nature, class or description to a private purchaser, domestic or foreign as well as Purchaser Governments.

- (b) If the price quoted is higher than the controlled price or where there is no controlled price, the price usually charged by the Contractor from a private Purchaser, domestic or foreign, as well as Purchaser Government for the stores of the same nature, class or description the Contractor will specifically mention this fact in his tender giving reasons for quoting higher price(s). If he fails to do so or makes any mis-statement, it shall be lawful for the Purchaser,
 - (i) to revise the price at any stage so as to bring it in conformity with the Sub-clause (a) above or
 - (ii) to terminate the contract and forfeit the Security Deposit.

8.3.0. Contract.

8.3.1. This contract is for the supply of the stores of the description, specifications and drawings, and in the quantities set forth in the contract on the date or dates specified therein. Unless otherwise specified, the stores shall be entirely brand new and of the best quality and workmanship to the satisfaction of the Inspecting Officer. The stores shall further be in all respects acceptable to the Inspecting Officer.

8.3.2 Any variation or amendment of the contract shall not be binding on the Purchaser unless and until the same is duly endorsed on the contract or incorporated in a formal instrument or in exchange of letters and signed by the parties.

8.4.0. Security Deposit.

8.4.1. Unless otherwise agreed between the Purchaser and the Contractor, the Contractor shall, within 30 days after written notices of acceptance of the tender has been posted to the Contractor, deposit with the RailTel concerned (in cash or the equivalent in Government Securities or approved Banker's Guarantee Bond) a sum equal to 2.5 per cent of the total value of the stores detailed in the contract for which the tender has been accepted, as a security for the due fulfilment of the contract.

8.4.2. If the Contractor, having been called upon by the Purchaser to furnish security, fails to make and to maintain a security deposit within the specified period, it shall be lawful for the Purchaser -

- (a) To recover from the Contractor the amount of such security deposit by deducting the amount from the pending bills of the Contractor under the contract or any other contract with the Purchaser or any person contracting through the Purchaser or otherwise howsoever, or
- (b) To cancel the contract or any part thereof and to purchase or authorise the purchase of the stores at the risk and cost of the Contractor and in that event the provisions of Clause 8.6.2 shall apply as far as applicable.

8.4.3. No claim shall lie against the Purchaser in respect of interest on cash deposits or securities etc.

8.4.4. The Purchaser shall be entitled and it shall be lawful on his part to forfeit the said security deposit in whole or in part in the event of any default, failure or neglect on the part of the Contractor in the fulfilment or performance in all respect of the contract under reference or any other contract with the Purchaser or any part thereof to the satisfaction of the Purchaser and the Purchaser shall also be entitled to deduct from the said deposits any loss or damage which the Purchaser may suffer or be put by reason of or due to any act or other default, recoverable by the Purchaser from the Contractor in respect of the contract under reference or any other contract and in either of the events aforesaid to call upon the Contractor to maintain the said security deposit at its original limit by making further deposits, provided further that the Purchaser shall be entitled to recover any such claim from any sum then due or which at any time thereafter may become due to the Contractor under this or any other contracts with the Purchaser.

8.5.0. Delivery.

- 8.5.1. The Contractor shall as may be required by the Purchaser either deliver free or CIP (Carriage & Insurance Paid) or CIF (Cost, Insurance & Freight) at the place/places detailed in the contract, the quantities of the stores detailed therein and the stores shall be delivered not later than the date specified in the contract. The delivery will not be deemed to be complete until and unless the stores are inspected and accepted by the Inspecting Officer as provided in the contract.
- 8.5.2. The Purchaser shall not be liable to render assistance to the Contractor in securing or to arrange for or provide transport to the Contractor unless it is so specifically stated in the contract.
- 8.5.3. Notwithstanding any inspection and approval by the Inspecting Officer on the Contractor's premises, property in the stores shall not pass on to the Purchaser until the stores have been received, inspected and accepted by the consignee.
- 8.5.4. No stores shall be deliverable to the consignee on Sundays and public holidays without the written permission of the consignee.

8.6.0. Time for and Date of Delivery; the Essence of the Contract-

The time for and the date specified in the contract or as extended for the delivery of the stores shall be deemed to be of the essence of the contract and delivery must be completed not later than the date(s) so specified or extended.

- 8.6.1. **Progressing of Deliveries-** The Contractor shall allow reasonable facilities and free access to his works and records to the Inspecting Officer, Progress Officer or such other Officer as may be nominated by the Purchaser for the purpose of ascertaining the progress of the deliveries under the contract.
- 8.6.2. **Failure and Termination:** - If the Contractor fails to deliver the stores 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: -
- (a) 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
- (b) Cancel the contract or a portion thereof and forfeit the security deposit or encash performance bank guarantee.
- (c) 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 (b) 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.

8.6.2.1 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.

- a) If the tenderer fails to deliver any or all of the goods within the time period(s) specified in the contract.
- b) If the tenderer fails to perform any other obligation(s) under the contract; and
- c) 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.
- d) 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.
- e) 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.

8.6.3 Consequence of Rejection- If on the stores being rejected by the Consignee at the destination, the Contractor fails to make satisfactory supplies within the stipulated period of delivery, the Purchaser shall be at liberty to: -

(i) require the Contractor to replace the rejected stores forthwith but in any event not later than a period of 21 days from the date of rejection and the Contractor shall bear all cost of such replacement including freight, if any, on such replacing and replaced stores but without being entitled to any extra payment on that or any other account, or

(ii) Cancel the contract and forfeit security deposit/encash Performance Bank Guarantee.

(iii) the purchaser authorises the purchase of quantity of the stores rejected or others of a similar description (when stores exactly complying with particulars are not in the opinion of the purchaser which shall be final, readily available) without notice to the contractor at his risk and cost and without affecting the contractor's liability as regards the supply of any further instalment due under the contract, or

8.7.0. Extension of Time for Delivery-

If such failure as aforesaid shall have arisen from any cause which the Purchaser may admit as reasonable ground for extension of time, the Purchaser shall allow such additional time as he considers to be justified by the circumstance of the case, and shall forgo the whole or such part, as he may consider reasonable, of his claim for such loss or damage as aforesaid.

8.8.0. Deleted

8.9.0. Deleted

8.10.0. Samples.

8.10.1 Advance Sample- Where an advance sample is required to be approved under the terms of the contract, the Contractor shall submit the sample free of cost to the Inspecting Officer within the time specified in the acceptance of tender. If the Contractor is unable to do so, he must apply immediately to the Office issuing the acceptance of tender for extension of time stating the reasons for the delay. If the Purchaser is satisfied that a reasonable ground for an extension of time exists, he may allow such additional time as he considers to be justified (and his decision shall be final) with or without alteration in the delivery period stipulated in the acceptance of tender and on such conditions as he deems fit. In the event of the failure of the Contractor to deliver the advance sample by the date specified in the acceptance of tender or any other date to which the time may be extended as aforesaid by the Purchaser or of the rejection of the sample, the Purchaser shall be entitled to cancel the contract and, if so desired, purchase or authorize the purchase of the stores, in which case the provisions of Clause 8.6.0 shall apply as far as applicable.

8.10.2. Unless otherwise provided in the contract, all samples required for test shall be supplied by the Contractor free of cost. Where sample, which is supplied free, is rejected after examination and test, the same or whatever remains of the sample, after examination and test will be returned to the Contractor at his request and cost within three months of the date of such rejection at public tariff rate at Owner's risk.

8.10.3. Marking- Samples submitted shall be clearly labeled with the Contractor's name and address and the acceptance of tender number.

8.10.4. If the Contractor submits a sample whether with, before or after the tender, the same shall not govern the standard of supply except when it has been specifically stated so in the acceptance of tender.

8.10.5. Where under the contract, the Contractor is required to submit an advance sample, any expenses incurred by the Contractor on or in connection with the production of stores in bulk, before the sample has been approved unconditionally, shall be borne by the Contractor and he shall not claim any compensation in the event of such sample being found unacceptable by the Inspecting Officer.

8.10.6. The rejection of the sample by the Inspecting Authority or Inspecting Officer shall be final and binding on the Contractor.

8.10.7. Where the contract does not require any advance sample to be approved, the Contractor may before proceeding with bulk manufacture or delivery of the stores, if he so desires, submit to the Inspecting Officer for inspection a sample of the stores in which case a quantity not less than one per cent of the total quantity to be supplied unless otherwise authorized by the Inspecting Officer shall be submitted. The Contractor shall not, however, be entitled to be

shown any consideration or give any extension of time or claim to be exonerated from completing the delivery within the stipulated period only on the ground of delay in the approval of any such sample.

8.11.0. Risk of Loss or Damage to Purchaser's Property.

- 8.11.1 All the property of the Purchaser loaned whether with or without deposit on terms and conditions to be separately agreed upon in respect of each particular contract to the Contractor in connection with the contract shall remain the property of the Purchaser, as the case may be. The Contractor shall use such property for the purpose of the execution of the contract and for no other purpose whatsoever.
- 8.11.2. All such property shall be deemed to be in good condition when received by the Contractor unless he shall have within twenty-four hours of the receipt thereof notified the Purchase Officer to the contract. If the Contractor fails to notify any defect in the condition or quality of such property he shall be deemed to have lost the right to do so at any subsequent stage.
- 8.11.3. The Contractor shall return all such property and shall be responsible for the full value thereof to be assessed by the Purchaser whose decision shall be final and binding on the Contractor. The Contractor shall be liable for loss or damage to such property from whatever cause happening while such property is in the possession of or under the control of the Contractor, his servants, workmen, or agents.
- 8.11.4. Where such property is insured by the Contractor against loss or fire at the request of the Purchaser such insurance shall be deemed to be effective by way of additional Precaution and shall not prejudice the liability of the Contractor as aforesaid.

8.12.0. Facilities for test and Examination-

The Contractor shall, at his own expense afford to the Inspecting Officer all reasonable facilities as may be necessary for satisfying himself, that the stores are being and/or have been manufactured in accordance with the particulars. The Inspecting Officer shall have full and free access at any time during the execution of the contract to the Contractor's work for the purpose aforesaid, and he may require the Contractor to make arrangements for inspection of the stores or any part thereof or any material at his premises or at any other place specified by the Inspecting Officer and if the Contractor has been permitted to employ the services of a Sub-Contractor, he shall in his contract with the Sub-Contractor, reserve to the Inspecting Officer a similar right.

- 8.12.1. **Cost of Test-** The Contractor shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting Officer may demand of him for any test and examination, other than special or independent test, which he shall require to make on the Contractor's or Consignee's Premises and the Contractor shall bear and pay all costs attendant thereon. If the Contractor fails to comply with the conditions aforesaid, the Inspecting Officer shall, in his sole judgment, be entitled to remove for test and examination all or any of the stores manufactured by the Contractor to any premises other than his (Contractor's) and in all such cases the Contractor shall bear the cost of transport and/or carrying out such tests elsewhere. A certificate in writing of the Inspecting Officer that the Contractor has failed to provide the facilities and the means, for test examination shall be final.

8.12.2. Delivery of Stores for Test- The Contractor shall also provide and deliver for test, free of charge, at such place other than his premises as the Inspecting Officer may specify, such material or stores as he may require.

8.12.3. Liability for Costs of Special or Independent Test- In the events of rejection of stores or any part thereof by the Inspecting Officer in the consequence of the sample which is removed to the laboratory or other places of test, being found on test not in conformity with the Contract and in the event of the failure of the Contractor for any reason to deliver the stores passed on test within the stipulated period, the Contractor shall, on demand pay to the Purchaser all costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the laboratory to private persons for similar work.

8.12.4. Method of Testing- The Inspecting Officer shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may think fit and proper. The Contractor shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting Officer.

8.12.5. Stores Expended in Test- Unless otherwise provided for in the contract if the test proves satisfactory and the stores or any instalment thereof is accepted, the quantity of the stores or materials expended in the test will be deemed to have been taken delivery of by the Purchaser and be paid for as such.

8.12.6. Powers of Inspecting Officer- The Inspecting Officer shall have the power: -

- (i) Before any stores or part thereof are submitted for inspection to certify that they cannot be in accordance with the contract owing to the adoption of any unsatisfactory method of manufacture.
- (ii) To reject any stores submitted as not being in accordance with the particulars.
- (iii) To reject the whole of the instalment tendered for inspection, if after inspection of such portion thereof as "he may in his discretion think fit", he is satisfied that the same is unsatisfactory.
- (iv) The Inspecting Officer's decision as regards the rejection shall be final and binding on the Contractor.

8.13.0. Charges for Work Necessary for Completion of the Contract-

The Contractor shall pay all charges for handling, stamping, painting, marking, protecting or preserving patent rights, drawings, templates, models and gauges and for all such measures as the Purchaser or the Inspecting Officer may deem necessary for the proper completion of the contract, though special provision therefore may not be made in the specification of drawings.

8.14.0. Responsibility of the Contractor for Executing the Contract.

8.14.1. Risk in the Stores- The Contractor shall perform the contract in all respects in accordance with the terms and conditions thereof. The stores and every constituent part thereof, whether in the possession or control of the Contractor, his agents or servants or a carrier, or in the joint possession of the Contractor, his agents or servants and the Purchaser, his agents or servants, shall remain in every respect at the risk of the Contractor, until their actual delivery to the consignee at the stipulated place or destination or, where so provided in the acceptance of tender, until their delivery to a person specified in the contract as interim consignee for

the purpose of dispatch to the consignee. The Contractor shall be responsible for all loss, destruction, damage or deterioration of or to the stores from any cause whatsoever while the stores after approval by the Inspecting Officer are awaiting dispatch or delivery or are in the course of transit from the Contractor to the consignee or, as the case may be, interim consignee. The Contractor shall alone be entitled and responsible to make claims against a RailTel Administration or other carrier in respect of non-delivery, short delivery, mis-delivery, loss, destruction, damage or deterioration of the goods entrusted to such carrier by the Contractor for transmission to the consignee or the interim consignee as the case may be.

- 8.14.2. **Consignee's Right of Rejection** – Notwithstanding any approval which the Inspecting Officer may have given in respect of the stores or any materials or other particulars or the work or workmanship involved in the performance of the contract (whether with or without any test carried out by the Contractor or the Inspecting Officer or under the direction of the Inspecting Officer) and notwithstanding delivery of the stores where so provided to the interim consignee, it shall be lawful for the consignee, on behalf of the Purchaser, to reject the stores or any part, portion or consignment thereof within a reasonable time after actual delivery thereof to him at the place or destination specified in the contract if such stores or part, portion or consignment thereof is not in all respects in conformity with the terms and conditions of the contract whether on account of any loss, deterioration or damage before dispatch or delivery or during transit or otherwise howsoever.

Note- In respect of materials pre-inspected at the firm's premises the consignee will issue rejection advice within 90 days from the date of receipt.

- 8.14.3. Provided that where, under the terms of the contract the stores are required to be delivered to an interim consignee for the purpose of dispatch to the consignee, the stores shall be at the Purchaser's risk after their delivery to the interim consignee, but nevertheless it shall be lawful for the consignee on behalf of the Purchaser to reject the stores or any part, portion of consignment thereof upon their actual delivery to him at the destination if they are not in all respects in conformity with the terms and conditions of contract except where they have been damaged or have deteriorated in the course of transit or otherwise after their delivery to the interim consignee.

- 8.14.4. The provisions contained in Clause 8.19.0 relating to the removal of stores rejected by the Inspecting Officer shall mutatis mutandis apply to stores rejected by the consignee as herein provided.

Note- In respect of stores inspected during manufacture or before delivery or dispatch at contractor's premises the consignee will issue communication of rejection within 90 days from the date of actual delivery thereof.

- 8.14.5. **Subletting and Assignment-** The Contractor shall not, save with the previous consent in writing of the Purchaser, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof any manner whatsoever.

In the event of the Contractor's subletting or assigning this contract or any part thereof without such permission, the Purchaser shall be entitled to cancel the contract and to purchase the stores elsewhere on the Contractor's account and risk and the Contractor shall be liable for any loss or damage which the Purchaser may sustain in consequence or arising out of such purpose.

8.14.6. Changes in a Firm:-

- a) Where the Contractor is a partnership firm, a new partner shall not be introduced in the firm except with the previous consent in writing of the Purchaser, which may be granted only upon execution of a written undertaking by the new partner to perform the contract and accept all liabilities incurred by the firm under the contract prior to the date of such undertaking.
- b) On the death or retirement of any partner of the Contractor firm before complete performance of the contract, the Purchaser may, at his option, cancel the contract and in such case the Contractor shall have no claim whatsoever to compensation against the Purchaser.
- c) If the contract is not determined as provided in Sub-clause (b) above notwithstanding the retirement of a partner from the firm he shall continue to be liable under the contract for acts of the firm until a copy of the public notice given by him under Section 32 of the Partnership Act, has been sent by him to the Purchaser by registered post acknowledgement due.
- d) **Consequence of breach** - Should a partner in the Contractor firm commit a breach of Sub-clause 8.14.5 above or the Contractor should commit a breach of the conditions 8.14.6(a) of this Sub-clause, it shall be lawful for the Purchaser to cancel the contract and purchase or authorise the purchase of the stores at the risk and cost of the Contractor and in that event the provisions of Clauses 8.5.0 and 8.6.0 as far as applicable shall apply.
- e) The decision of the Purchaser as to any matter or thing concerning or arising out of this sub-clause or on any question whether the Contractor or any partner of the Contractor firm has committed a breach of any of the conditions in this sub-clause contained shall be final and binding on the Contractor.

8.15.0. Indemnity.

- 8.15.1. The Contractor shall at all times indemnify the Purchaser against all claims which may be made in respect of the stores for infringement of any right protected by patent, registration of designs or trade mark. Provided always that in the event of any claim in respect of alleged breach of letters patent, registered designs or trade mark being made against the Purchaser, the Purchaser shall notify the Contractor of the same and the Contractor shall, at his own expense, either settle any such dispute or conduct any litigation that may arise there from.
- 8.15.2. The Contractor shall not be liable for payment of any royalty, license fee or other expenses in respect of or for making use of patents or designs with respect to which he is according to the terms of the contract, to be treated as an agent of the Government for the purpose of making use of patent or trade mark for fulfilment of the contract.

8.16.0. Packing.

- 8.16.1. The Contractor shall pack at his own cost the stores sufficiently and properly for transit by rail/road, air and/or sea as provided in the contract so as to ensure their being free from loss or damage on arrival at their destination.
- 8.16.2. Unless otherwise, provided in the contract all containers (including packing cases, boxes, tins, drums and wrappings) in which the stores are supplied by the contractor, shall be considered as non-returnable and their cost as having been included in the contract price.

- 8.16.3. If the contract provides that the containers shall be returnable, they must be marked “Returnable” and they will be returned to the Contractor as per terms of the contract.
- 8.16.4. If the contract provides that returnable containers shall be separately charged, they shall be invoiced by the Contractor at the price specified in acceptance of tender. In such cases, the Contractor shall give full credit for the invoiced amount if the containers are returned to the Contractor. Return of containers shall be made within a reasonable time and in the event of any dispute or difference arising as to whether the containers were so returned, the decision of the Purchaser thereon shall be final and binding and the Purchaser may, in his discretion award, such compensations as may in his opinion be proper for any undue delay in returning the containers.
- 8.16.5. Each bale or package delivered under the contract shall be marked by the Contractor or at his own expense. Such marking shall be distinct (all previous irrelevant marking being carefully obliterated) and shall clearly indicate the description and quantity of the stores, the name and address of the Consignee, the gross weight of the package and the name of the Contractor with a distinctive number or mark sufficient for the purpose of identification. All markings shall be carried out with such material as may be found satisfactory by the Inspecting Officer as regards quickness of drying, fastness and indelibility.
- 8.16.6. The Inspecting Officer may reject the stores if the stores are not packed/or marked as aforesaid and in case where the packing materials are separately prescribed, if such materials are not in accordance with the terms of the contract. Such rejection of the stores by the Inspecting Officer shall be final and binding on the Contractor.
- 8.16.7. Each bale or package shall contain a packing note specifying the name and address of the Contractor, the number and date of the acceptance of tender or supply order and the designation of the Purchase Officer issuing the supply order, the description of the stores and the quantity contained in such bale or package.

8.17.0 Notification of Delivery.

Notification of delivery or dispatch in regard to each and every instalment shall be made to the consignee and to the indent or immediately on dispatch or delivery. The Contractor shall further supply to the consignee, or the interim consignee, as the case may be, a packing account Quoting number of the acceptance of tender and/or supply or repeat and date of dispatch of the stores. All packages, containers, bundles and loose materials part of each and every instalment shall be fully described in the packing account and full details of the contents of the packages and quantity of materials shall be given to enable the consignee to check the stores on arrival at destination. The Railway Receipt/Consignment Note or Bill of Lading, if any, shall be forwarded to the consignee by registered post immediately on the dispatch of stores. The Contractor shall bear and reimburse to the Purchaser demurrage charges, if any, paid by reason of delay on the part of the Contractor in forwarding the Railway Receipt, Consignment Note or Bill of Lading.

8.18.0. Progress Reports.

- 8.18.1. The Contractor shall from time-to-time, render such reports concerning the progress of the contract and/or supply of the stores in such form as may be required by the Purchaser.
- 8.18.2. The submission, receipt and acceptance of such reports shall not prejudice the rights of the Purchaser under the contract, nor shall operate as an estoppel against Purchaser merely by

reason of the fact that he has not taken notice of/or subjected to test any information contained in such report.

8.19.0. Removal of Rejected Stores.

- 8.19.1. On rejection of all stores submitted for inspection at a place other than the premises of the Contractor, such stores shall be removed by the Contractor at his own cost subject as hereinafter stipulated, within 21 days of the date of intimation of such rejection. If the concerned communication is addressed and posted to the Contractor at the address mentioned in the contract, it will be deemed to have been served on him at the time when such communication would be in the course of ordinary post reach the Contractor. Provided that the Inspecting Officer may call upon the Contractor to remove dangerous, infected or perishable stores within 48 hours of the receipt of such communication and the decision of the Inspecting Officer in this behalf shall be final in all respects.

Provided further that where the price or part thereof has been paid, the consignee is entitled without prejudice to his other rights to retain the rejected stores till the price paid for such stores is refunded by the Contractor save that such retention shall not in any circumstances be deemed to be acceptance of the stores or waiver of rejection thereon.

- 8.19.2. All rejected stores shall in any event and circumstances remain and always be at the risk of the Contractor immediately on such rejection. If such stores are not removed by the Contractor within the periods aforementioned, the Inspection Officer may remove the rejected stores and either return the same to the contractor at his risk and cost by such mode of transport as the Purchaser or Inspecting Officer may decide, or dispose of such stores at the Contractor's risk and on his account and retain such portion of the proceeds, if any from such disposal as may necessary to recover any expense incurred in connection with such disposals (or any price refundable as a consequence of such rejection). The Purchaser shall, in addition, be entitled to recover from the Contractor ground rent/demurrage charges on the rejected stores after the expiry of the time limit mentioned above.
- 8.19.3. The stores that have been dispatched by road or courier and rejected after arrival at destination may be taken back by the Contractor either at the station where they were rejected or at the station from which they were sent, after refunding the price paid for such stores and other charges refundable as a consequence of such rejection. If the contract placed for delivery FOR station of dispatch, the Contractor shall pay the carriage charges on the rejected consignment at public tariff rates from the station of dispatch to the station where they are rejected. If the Contractor elects to take back the goods at the station from which they were dispatched, the goods shall in addition, be booked back to him freight to pay at public tariff rates and at owner's risk. The Contractor shall be liable to reimburse packing and incidental costs and charges incurred in such return or rejected stores in addition to other charges refundable as a consequence of rejection. The goods shall remain the property of the Contractor unless and until accepted by the Purchaser, after inspection.

8.20.0. System of Payment.

- 8.20.1. Unless otherwise agreed upon between the parties, payment for delivery of the stores will be made on submission of bills in the prescribed form which may be obtained from the Purchase Officer in accordance with the instructions given in the acceptance of Tender, by RTGS/NEFT as may be decided by the Purchaser.

8.20.2. Payment for the stores or for each consignment thereof will be made to the Contractor on submission of bills accompanied by required document in accordance with the mutually agreed terms & conditions, procedure has been agreed to by the Purchaser.

8.20.3. In all other contracts or in contracts where the Inspecting Officer also acts as the interim consignee or where inspection is carried on by the Consignee himself at destination and in all cases of local delivery full payment shall be made on submission of " Final 100 percent bill " supported by the Inspection Certificates and consignee's receipt as aforesaid to the Accounts Officer concerned.

8.21.0. Withholding and lien in respect of sums claimed.

8.21.1. Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the Contractor, the Purchaser shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any, deposited by the Contractor and for the purpose aforesaid, the Purchaser shall be entitled to withhold the said cash security deposit or the security, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the Contractor, the Purchaser shall be entitled to withhold and have lien to retain to the extent of the such claimed amount or amounts referred to supra, from any sum or sums found payable or which at any time-thereafter may become payable to the Contractor under the same contract or any other contract with the Purchaser pending finalization or adjudication of any such claim.

It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above, by the Purchaser will be kept withheld or retained as such by the Purchaser till the claim arising out of or under the contract is determined by the Arbitrator (if the contract is governed by the arbitration clause) or by the competent court as prescribed under clause 8.24.3 hereinafter provided, as the case may be, and that the Contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to supra and duly notified as' such to the Contractor.

8.21.2. For the purpose of Clause 8.21.1, where the Contract or is a partnership firm or a limited company, the Purchaser shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company, as the case may be, whether in his individual capacity or otherwise.

8.21.3. Lien in respect of Claims in other Contracts

(a) Any sum of money due and payable to the Contractor (including the security deposit returnable to him) under the contract may withhold or retain by way of lien by the Purchaser or RailTel against any claim of the Purchaser or RailTel in respect of payment of a sum of money arising out of or under any other contract made by the Contractor with the Purchaser or RailTel.

(b) It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Purchaser or RailTel will be kept withheld or retained as such by the Purchaser or RailTel till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitrator, if the contract is governed by the arbitration

clause or by the competent court under Clause 8.24.3 hereinafter provided, as the case maybe, and that the Contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the Contractor.

8.22.0. Corrupt Practices

8.22.1. The contractor shall not offer or give or agree to give to any person in the employment of the purchaser or working under the orders of the Purchaser any gift or consideration of any kind as an inducement or reward for doing on for bearing to do or for having done or forborne to do any act in relation to the obtaining execution of the contract or any other contract with the Purchaser or for showing any favour or for bearing to show disfavor to any person in relation to the contract or any other contract with the Purchaser. Any breach of the aforesaid condition by the contractor or any one employed by him or acting on his behalf (whether with or without the Knowledge of the contractor) or the commission of any offence by the contractor or by any one employed by him or acting on his behalf under Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1947 or any other Act enacted for the prevention of corruption by public servants shall entitle the Purchaser to cancel the contract and all or any other contracts with the contractor and to recover from the contractor the amount of any loss arising from such cancellation in accordance with the provisions of Clauses 8.5.0 and 8.6.0.

8.22.2. Any dispute or difference in respect of either the interpretation effect or application of the above condition or of the amount recoverable there under by the Purchaser from the contractor, shall be decided by the Purchaser, whose decision thereon shall be final and binding on the contractor.

8.23.0. Insolvency and Breach of Contract.

8.23.1. The Purchaser may at any time, by notice in writing summarily determine the contract without compensation to the Contractor in any of the following events, that is to say:

- (a) If the Contractor being an individual or if a firm, any partner thereof, shall at any time, be adjudged insolvent or shall have a receiving order or order for administration of his estate made against him or shall take any proceeding for composition under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or enter into any assignment or composition with his creditors or suspend payment or if the firm be dissolved under the Partnership Act, or
- (b) If the Contractor being a company is wound up voluntarily or by the order of a Court or a Receiver, Liquidator or Manager on behalf of the Debenture-holders is appointed or circumstances shall have arisen which entitle the Court or Debenture holders to appoint a Receiver, Liquidator or Manager, or
- (c) If the Contractor commits any breach of the contract not herein specifically provided for. Provided always that such determination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the Purchaser and provided also the Contractor shall be liable to pay to the Purchaser for any extra expenditure he is thereby put to and Contractor shall, under no circumstances, be entitled to any given on re-purchase.

8.24.0. Laws governing the Contract.

- 8.24.1. This contract shall be governed by the Laws of India for the time being in force.
- 8.24.2. Irrespective of the place of delivery, the place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.
- 8.24.3. **Jurisdiction of courts-** This Courts of the place from where the acceptance of tender has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.
- 8.24.4. **Marking of stores-** The marking of the stores must comply with the requirements of the laws relating to merchandise marks for the time being in force in India.
- 8.24.5. **Compliance with provisions of Contract Labour (Regulation and Abolition) Act, 1970:**
- 1) The Contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the Contractor Labour (Regulation and Abolition) Central Rules, 1971, as modified from time-to-time, wherever applicable and shall also indemnify the Purchaser from and against any claims under the aforesaid Act and the Rules.
 - 2) The Contractor shall obtain a valid license under the aforesaid Act as modified from time-to-time before the commencement of the contract and continue to have a valid license until the completion of the contract. Any failure to fulfil this requirement shall attract the penal provisions of the contract arising out of the resultant non-execution of the contract.
 - 3) The Contractor shall pay to labour employed by him directly or through Sub-Contractors the wages as per provisions of the aforesaid Act and the Rules wherever applicable. The Contractor shall, notwithstanding the provisions of the contract to the contrary, cause to be paid the wages to labour indirectly engaged on the contract including any engaged by his Sub-Contractors in connection with the said contract, as if the labour had been immediately employed by him.
 - 4) In respect of all labour directly or indirectly employed in the contract for performance of the Contractor's part of the contract, the Contractor shall comply with or cause to be complied with the provisions of the aforesaid Act and the Rules wherever applicable.
 - 5) In every case in which, by virtue of the provisions of the aforesaid Act or the Rules, the Purchaser is obliged to pay any amount of wages to a workman employed by the Contractor or his Sub-Contractor in execution of the contract or to incur any expenditure in providing welfare and health amenities required to be provided under the aforesaid Act and the Rules or to incur any expenditure on account of the contingent liability of the Purchaser due to the Contractor's failure to fulfil his statutory obligations under the aforesaid Act or the Rules the Purchaser will recover from the Contractor, the amount of wages so paid or the amount of expenditure so incurred, and without prejudice to the rights of the Purchaser under Section 20, Sub-section (2) and Section 21, Sub-section (4) of the aforesaid Act, the Purchaser shall be at liberty to recover such amount or part thereof by deducting it from the security deposit and/or from any sum due by the Purchaser to the Contractor whether under the contract or otherwise. The Purchaser shall not be bound to contest any claim made against it under Sub-section (i) of Section 20 and Sub-section (4) of Section 21 of the aforesaid Act except on the written request of the Contractor and upon his giving to the Purchaser full security for all costs for which the Purchaser might become liable in contesting such claim. The decision of

the Purchaser regarding the amount actually recoverable from the Contractor as stated above, shall be final and binding on the Contractor.

8.25.0. Headings.

The headings of conditions hereto shall not affect the construction thereof.

8.26.0 Settlement of Disputes/ Arbitration

- 1) Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996 as amended and the award made in pursuance thereof shall be binding on the parties. The venue of such arbitration or proceedings thereof shall be at New-Delhi.
- 2) All arbitration proceedings shall be conducted in English. Recourse against any arbitral award so rendered maybe entered into court having jurisdiction or application may be made to such court for the order of enforcement as the case may be.
- 3) The Arbitral Tribunal shall consist of the Sole Arbitrator appointed by CMD/RailTel Corporation of India Limited, if the value of claim is up to Rs. 10 lakhs. If the value of the claim or amount under dispute is more than Rs. 10 Lakhs, the matter shall be referred to the adjudication of arbitral council. Chairman Managing Director (CMD) of RailTel Corporation shall furnish a panel of three names to the contractor, out of which, contractor will recommend one name to be his nominee and then CMD/RailTel shall appoint one name as RailTel's nominee and these two arbitrators with mutual consent shall appoint a third arbitrator who shall act as the deciding arbitrator in terms of Arbitration and Conciliation Act. The award of the sole arbitrator or the Arbitral council, as the case may be, shall be final and binding on both the parties. Each of the parties agree that notwithstanding that the matter may be referred to Arbitrator as provided herein, the parties shall nevertheless pending the resolution of the Controversy or disagreement, continue to fulfil their obligation under this Agreement so far as they are reasonably able to do so.

8.27.0. Inspection & Rejection: -

Where under a contract the price payable is fixed on FOR station of dispatch basis, the Contractor shall, if the consignee rejects the stores at destination be liable in addition to his other liabilities, to reimburse to the Purchaser the freight paid by the Purchaser.

8.27.1 **Notification of Result of inspection**-Unless otherwise provided in the specification of schedule, the examination of the stores will be made as soon as practicable after the same have been submitted for inspection and the result of the examination will be notified to the Contractor.

8.27.2 **Inspection Notes.** --On the stores being found acceptable by the inspecting Officer he shall furnish the Contractor with necessary copies of Inspection Notes duly completed, for being attached to the Contractor's bill in support thereof.

8.28.0 Warranty/Guarantee

8.28.1 The supplier shall warrant that material to be supplied shall be new and free from all defects and faults in material, workmanship, manufacture and shall be of the highest grade

consistent with the established and generally accepted standards of materials for the type ordered and shall perform in full conformity with the specifications and drawings. The supplier shall be responsible for any defects (with respect to the specification of the material) that may develop subsequently under the conditions provided in the contract under proper use, arising out of faulty materials, design or workmanship such as corrosion, inadequate quantity of material to meet equipment requirements, deficiencies in design and/or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty.

- 8.28.2 If it becomes necessary for the contractor to replace or renew any defective hardware of the supplies under this clause, the provisions of the clause shall apply to the portion/portions of the equipment/ material so replaced or renewed or until the end of the above-mentioned period, whichever may be later. If any defect is not remedied within a 48 Hrs., the Purchaser may proceed to do the work at the contractor's risk and expenses, but without prejudice to any other rights which the Purchaser may have against the contractor in respect of such defects.
- 8.28.3 Replacement under warranty clause shall be made by the contractor free of all charges at site including freight, insurance and other incidental charges.
- 8.28.4 The Contractor/Seller hereby covenants that it is a condition of the contract that all goods/stores/articles furnished to the Purchaser under this contract shall be of the highest grade free of all defects and faults and of the best materials, quality, manufacture and workmanship throughout and consistent with the established and generally accepted standards for materials of the type ordered and in full conformity with the contract specification, drawing or sample, if any and shall, if operable, operate properly.
- 8.28.5 The Contractor also guarantees that the said goods/stores/articles would continue to conform to the description and quality as aforesaid, for a period as mentioned in BID data sheet after their delivery or after a period as mentioned in BID data sheet from the date of placement in service whichever shall be sooner, and this warranty shall survive notwithstanding the fact that the goods/stores/articles may have been inspected, accepted and payment thereof made by the Purchaser.
- 8.28.6 If during the aforesaid period, the said goods/stores/articles be discovered not to conform to the description and quality aforesaid or have deteriorated, otherwise that by fair wear and tear the decision of the Purchaser in that behalf being final and conclusive that the Purchaser will be entitled to reject the said goods/stores/articles or such portions thereof as may be discovered not to conform to the said description and quality. On such rejection, the goods/stores/articles will be at the Seller's risk. If the Contractor/Seller so desires, the rejected goods may be taken over by him or his agents for disposal such manner as he may deem fit within a period of 3 months from the date of such rejection. At the expiry of the period, no claim whatsoever shall lie against the Purchaser in respect of the said goods/stores/articles, which may be disposed of by the Purchaser in such manner as he thinks fit. Without prejudice to the generality of the foregoing, all the provisions in the Standard Conditions of Contract relating to the 'rejection of stores' and 'failure' and 'termination' and Clause 8.27.0- 2 above shall apply.
- 8.28.7 The Contractor/Seller shall, if required, replace the goods or such portion thereof as have been rejected by the Purchaser, free of cost, at the ultimate destination, or at the option of the Purchaser, the Contractor/Seller shall pay to the Purchaser, the value thereof at the contract price and such other expenditure and damage as may arise by reason of the breach

of the conditions hereinbefore specified. Nothing herein contained shall prejudice any other right of the Purchaser in that behalf under this contract or otherwise.

- 8.28.8 In warranty certificate, should be mentioned item make, model with serial number and date of purchase of warranty from OEM and its validity which will cover entire period of warranty as per tender condition.

8.29.0. Inspection at the Fag end of the Delivery Period-

In cases where only a portion of the stores ordered is tendered for inspection at the Fag end of the delivery period and also in cases where inspection is not completed in respect of the portion of the stores tendered for inspection during the delivery period, the Purchaser reserves the right to cancel the balance quantity not tendered for inspection within the delivery period fixed in the contract at the risk and expense of the Contractor without any further reference to him. If the stores tendered for inspection during or at the fag end of the delivery period are not found acceptable after carrying out the inspection, the purchaser is entitled to cancel the contract in respect of the same at the risk and expense of the contractor. If, however, the stores tendered for inspection are found acceptable, the Purchaser may grant an extension of the delivery period subject to the following conditions:

-

- (a) The Purchaser has the right to recover from the contractor under the provision of clause 8.6.2 (a) of Standard Conditions of Contract liquidated damages on the stores which the Contractor has failed to deliver within the period fixed for delivery.
- (b) That no increase in price on account of any statutory increase in or fresh imposition of Customs Duty Excise Duty, Sales Tax on account of Foreign Exchange variation or on account of any other tax or duty leviable in respect of stores specified in the contract which takes place after the date of delivery period stipulated in the contract shall be admissible on such of the said stores as are delivered after the date of the delivery stipulated in the contract.
- (c) That notwithstanding any stipulation in the contract for increase in price on any other ground no such increase which takes place after the date of the delivery stipulated in the contract shall be admissible on such of the said stores as are delivered after the expiry of the delivery period stipulated in the contract.
- (d) But nevertheless, the Purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of Custom Duty, Sales Tax or on account of Foreign Exchange variation or on account of any other Tax or Duty or on other ground as stipulated in the price variation, clause which takes place after the expiry of the date of delivery period stipulated in the contract.

- 8.29.1. The Contractor shall not dispatch the Stores till such time as an extension in terms of para 8.29.0 (a) to (d) above is granted by the Purchaser and accepted by the Contractor. If the stores are dispatched by the Contractor before an extension letter as aforesaid is issued by the Purchaser and the same are accepted by the Consignee, the acceptance of the stores shall be deemed to be subject to the conditions (a) to (d) mentioned in the paragraph 8.29.0 above.

- 8.29.2. In case where the some or the entire quantity has not been tendered for inspection with in the delivery period stipulated in the contract and the Purchaser chooses to grant an

extension of the delivery period the same would be subject to conditions (a) to (d) mentioned in the paragraph 8.29.0 above.

8.30.0. Additional Conditions: -

These (special) conditions wherever they differ from the Invitation to Tender and Instruction to Tenderers override the later.

In addition to those conditions, the following special conditions shall govern the Rate/Running contract and all supply orders placed under it: -

Additional (Special Conditions):

1. **Purpose of Contract:** The contract, which shall be deemed to be a Rate /Running contract is intended for the supply of the Stores of the descriptions set forth in the Schedule to Tender during the period therein specified.
2. **Period of Contract:** Unless otherwise indicated in the schedule, the period of contract shall be two years from the date of acceptance of offer.
3. The Purchaser may authorize any officer (who shall hereinafter be called Direct Demanding Officer) at any time during the period of the contract, to place orders, called supply orders direct on the Contractor. The Contractor shall deliver or dispatch the full quantity of the stores so ordered by the Purchaser or the Direct Demanding Officer within the period specified in the contract or as mutually agreed to.
4. **Number or quantity contracted for** – subject as hereinafter mentioned, no guarantee can be given as to the number or quantity of the stores which will be ordered during the period of the rate contract which is only in the nature of a standing offer from the Contractor. But the purchaser undertakes to order from the contractor all stores as detailed in the contract which he requires to purchase during the period of the contract except that he reserves the right (1) of submitting to competition any supply of Stores included in the contract, (2) of placing rate contracts simultaneously or at any time during its period with one or more contractors as he may think fit, and (3) of obtaining from any source any stores referred to in the contract to meet any emergency if the Purchaser (whose decision shall be final) is satisfied that the contractor is not in a position to supply specific quantities within the period in which supplies are required.
5. **Minimum/maximum order value** - The value of any single supply order shall not be less than one unit and not more than the estimated quantity subject to provision of the contract.
6. **Delay or default** in supplies either in part or in full entitles the Purchaser, in addition to other remedies, not to order any further quantities on the contractor even up to any quantities indicated in the contract.
7. **Fall Clause:**
 - I. The price charged for the stores under the contract by the Contractor shall in no event exceed the lowest price at which the contractor sells the Stores or offers to sell stores of identical description to any person / organizations including the purchaser or any Department of the Central Government or any Department of a State Government or any statutory undertaking of the Central or State Government, as the case may be

during the period till the performance of all Supply orders placed during the currency of the Advance Purchase Order/rate contract is completed.

- II. If at any time, during the said period, the contractor reduces the sales price, sells or offers to sell such Stores to any person / organization including the purchaser or any Department of central Government or any Department of the State Government or any statutory undertaking of the Central or State Government as the case may be, at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction in sales price to the Purchaser and the price payable under the contract for the Stores supplied after the date of coming into force of such reduction shall stand correspondingly reduced, the above stipulation will, however, not apply to:
- (a) Export/Deemed Exports by the contractor,
 - (b) Sale of goods such as drugs which have expiry dates, and
- III. The contractor shall furnish the following Certificate to the bill paying officer along with each bill for payment of supplies made against the contract:

“I/We certify that there has been no reduction in sale price of the Stores of description identical to the stores supplied under the contract herein and such stores have not been offered & sold by me/us to any person/organization including the purchase or any Department of Central Government or any Department of State Government or any statutory Undertaking of the Central or State Government as the case may be, up to the date of bill/ the date of completion of supplies against all supply orders placed during the currency of the contract at a price lower than the price charged to the purchaser under the contract except for quantity of Stores categorized under sub-clauses (a), (b), of sub-para II above, details or which are as follows: ”.

रेलटेल
RAILTEL
A Government of India
Undertaking

Chapter-9

Form No-01

Proforma for Performance Bank Guarantee

PERFORMANCE BANK GURANTEEE BOND

(On Stamp Paper of Rs. One Hundred)

(To be used by approved Scheduled Banks)

In consideration of the RailTel Corporation of India Limited: Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023

1. (Herein after called RailTel) having agreed to exempt (Hereinafter called “the said Contractor(s)”) from the demand, under the terms and conditions of an Agreement No. dated made between and for (hereinafter called “ the said Agreement”) of security deposit 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) hereinafter 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.

2. We, Bank **and our local branch at New Delhi (indicate detail address of local New Delhi 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.

3. 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/New Delhi (indicate detailed address of local New Delhi 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



FORMAT FOR AFFIDAVIT TO BE UPLOADED BY TENDERER ALONGWITH THE TENDER 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 tenderer) **

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

M/s _____ (hereinafter called the tenderer) for the purpose of the Tender documents for the work of _____ as per the tender No. _____ of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

1. I/we the tenderer (s), am/are signing this document after carefully reading the contents.
2. I/we the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the tender documents from RailTel website www.railtelindia.com, <https://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 tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, 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 tender 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 tenders, it shall lead to forfeiture of the tender EMD besides banning of business for five years on entire RailTel. Further, I/we (insert name of the tenderer)** _____ and all my/our constituents understand that my/our constituents understand that my/our offer shall liable to be 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 TENDERER

VERIFICATION

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

DEPONENT

SEAL AND SIGNATURE
OF THE TENDERER

Place:

Dated:

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



Performa for Manufacturer Authorization Form

**Director,
RailTel Corporation of India Ltd.**

Dated:

.....
.....
.....

Subject: Manufacturer Authorisation form (MAF) to M/s for

Ref: Tender No.....dated.....

Dear Sir,

We, M/s....., are established and reputed manufacturer and service provider of
.....(Product details), having our registered office at
.....

We hereby authorise M/s (bidder name), Office
..... to participate in bid and subsequently upon award
of the bid to execute the supply and Installation & Commissioning of our range of products against
your above said bid.

We further extend our warranty for years for our range of products offered by M/s
..... against the above-said bid.

Thanking you,
Best regards,

Authorised Signatory



PROFORMA FOR THE LONG-TERM MAINTENANCE SUPPORT

To

**Director,
RailTel Corporation of India Limited
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar,
New Delhi-110023**

Tender Reference No.:

Applicable for OEM directly participating in the tender

I / We hereby confirm that we have read specifications & tender conditions of RailTel Tender No.and accept that the requirement of Long Term Maintenance Support as per Clause 3.8 of Chapter-3, shall be met **by us directly or through our subsidiary in India** as per rates quoted in the Price Bid. I / We shall provide services as per terms and conditions pertaining to Long Term Maintenance Support of tender document.

OR

Applicable for Authorized Distributor/Partner of OEM/Bidder

I / We hereby confirm that we have read specifications & tender conditions of RailTel Tender No.and accept that the requirement of Long Term Maintenance Support as per Clause 3.8 of Chapter-3 shall be met **for the mentioned/remaining period at the quoted prices by the bidder. I/We have gone through the requirement mentioned in the Tender Document and shall provide services as per terms and conditions** pertaining to Long Term Maintenance Support of tender document.

(Signature of Firm's Authorized Officer)
Seal

Signature of witness:

1.
2.

Note: Please Strike out whichever is not applicable.

Undertaking from OEM on Letter Head

(To be signed by the OEM)

**Director,
RailTel Corporation of India Ltd.**

Dated:

.....
.....
.....

Sub: OEM Undertaking

Ref: Tender No.....dated.....

Dear Sir,

Over and above all our earlier conformations and submissions as per your requirements of the RFP, we confirm that,

A. We undertake/Certify that

“We have proven facilities at (Complete Address along with Pin Code) for Engineering, manufacture, assembly, integration, testing and basic facilities with respect to space, Engineering, Personnel, Test equipment, Manufacture, Training, Logistic Supports for at least past three years in the country from where the proposed equipment are planned to be supplied.”

“In case OEM is located outside India, we have training, repair and service center facilities in India at(Complete Address along with Pin Code) also.”

B. I/We have not been black-listed or debarred currently by Central Govt./State Govt./CPSU in India or anywhere globally by Government for security reasons either in Individual capacity or as a member of partnership firm/LLP/JV/Society/Trust.

C. We Certify that,

(i) All proposed hardware and software components in scope of supplies when shipped by _____, does not contain embedded malicious code that would activate procedures to:-

- a. Inhibit the desired and designed function of the equipment.
- b. Cause physical damage to the user or equipment during the exploitation.
- c. Tap information resident or transient in the equipment/networks.

(ii) We, _____ will be considered to be in breach in case physical damage or malfunctioning is caused due to activation of any such malicious code in embedded software and thus be liable to repair, replace or refund the price of the infected software if reported (or, upon request, return) to the party supplying the software to Customer, if different than _____

- (iii) Security breach or damages to system, if any, so caused by any embedded malicious code or otherwise, due to the act of either OEM or bidder or both, the OEM as well as the bidder would be considered liable jointly or severally and shall be banned for conducting any business with RailTel. Also the present contract, may liable to be terminated by the purchaser.

D. We certify that our offered products are genuine, have our own manufacturing setups and IPR for the hardware(s)/software(s), and not have 3rd party manufacturing from any company blacklisted in India or abroad (due to proven backdoor access and data vulnerability) or any company sharing land border with India. The Intellectual Property Rights (IPR) of all offered product and source code of all offered software including camera firmware, switch firmware etc. are not residing in countries sharing land borders with India. Proof of IPR & source code will be provided by the OEM.

or

IPR of offered products and source code of offered software including camera firmware, switch firmware etc. are residing incountry (Please mention the country name) and OEM has been registered with the Competent Authority of Govt. of India and are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

In case any breach or false declaration is found at any stage, immediate strict penal action can be taken by RailTel.

Seal and signature of the authorized representative of OEM

Place:

Date:



Format for Power of Attorney

POWER OF ATTORNEY

[To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the company who is issuing the power of attorney.]

We, M/s. _____ (name of the firm or company with address of the registered office) hereby constitute, appoint and authorise Mr. or Ms. _____ (Name and residential address) who is presently employed with us and holding the position of _____, as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to our RFP for the Project _____ (name of the Project), including signing and submission of the RFP response, participating in the meetings, responding to queries, submission of information or documents and generally to represent us in all the dealings with Client or any other Government Agency or any person, in connection with the works until culmination of the process of bidding till the Project Agreement is entered into with _____ (Client) and thereafter till the expiry of the Project Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this power of attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

(Add in the case of a Consortium)

Our firm is a Member or Lead bidder of the Consortium of _____, _____ and _____.

Dated this the _____ day of _____ 2025

(Signature and Name of authorized signatory)

(Signature and Name in block letters of all the remaining partners of the firm Signatory for the Company)

Seal of firm Company

Witness 1:

Witness 2:

Notes:

- a. To be executed by all the members individually.

The Mode of execution of the power of attorney should be in accordance with the procedure, if any laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

**PROFORMA FOR Nil Deviation Component Compliance Undertaking Letter
(TO BE SIGNED BY BIDDER)**

To

General Manager/TP

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Block Tower-2,
East Kidwai Nagar, New Delhi-110023

Dear Sir,

Sub: NIL Deviation Compliance for Tender no.

Over and above all our earlier conformations and submissions as per your requirements of the RFP, we confirm that,

1. We will ensure our unconditional compliance of all the terms and conditions as mentioned in the Tender document. In case of any deviation, the same should be attached as an Annexure (as per Format given below) to this form. **In case of any deviation, RailTel reserves the right to reject the bid without giving any justification.**

Format of Annexure (Deviation Statement)

S. No.	Clause No. & Chapter No.	Existing Clause of Tender	Proposed Clause	Remarks, if any

2. All the proposed Hardware and Software to be supplied as per technical specifications mentioned in Chapter-4 of Tender document.
3. We hereby certify that the hardware and software mentioned in our technical solution and Bill of Material (BOM) are complete.
4. We confirm that there is no requirement of any other hardware and software to fulfill requirements as per scope against the RFP. If any additional hardware and software is required to meet in scope requirements, then it would be provided by us at no extra cost to RailTel.

Seal and signature of the bidder

Place:

Date:

(This Form along with Annexure (if required) should be on the letterhead of the bidder duly signed by an authorized signatory)

Form No.-08

PROFORMA FOR “SYSTEM PERFORMANCE GUARANTEE”

(On Stamp Paper of Rs. One Hundred)

(To be signed by the Bidder)

To

RailTel Corporation of India Limited,

Corporate Office, East Kidwai Nagar,

New Delhi-110023.

Ref: Tender No.....dated.....

Dear Sir,

I / We hereby guarantee that the design on the basis of which we have submitted our tender no. has been carefully made to conform to the end objectives in the tender documents and to technical specification therein. We further guarantee that in the event of the performance of the system, not complying with the end objectives or with the specifications contained in the tender documents, we shall provide further inputs to enable the RailTel to realize the end objectives contained in these documents without any additional payment for any additional equipment which may be required in this regard. We further guarantee that all the expenses for providing the additional inputs under the System Guarantee will be borne by us. We further guarantee that these additional inputs will be provided by us to make the system workable within 1 month from the date on which this guarantee is invoked by the Purchaser. The guarantee is valid for a period of one year from the date of commissioning of the system.

(Signature of Firm's Authorized Officer)
Seal

Signature of witness:

1.

2.

RAILTEL
A Government of India
Undertaking

PROFORMA FOR SIGNING THE INTEGRITY PACT

(On Non-judicial stamp paper of Rs. 100/-)

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

And

....., hereinafter referred to as “The Bidder/ 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 Bidder(s) and /or Contractor(s).

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

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 tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the 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 Bidder(s) / Contractor(s)

1. The Bidder(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 tender process and during the contract execution.

- a. The Bidder(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 tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage during tender process or during the execution of the contract.
 - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(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 Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(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 Bidder(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. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" as annexed and marked as Annexure A.
 - e. The Bidder(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 Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

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

If the Bidder(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 Bidder(s)/Contractor(s) from the tender 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 Bidder(s) from the tender 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 Bidder 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 tender process.
2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process for action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

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

1. The Bidder(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 bidders, contractors and subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, 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 Bidder(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 Bidder(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 Bidders 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)

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

Place _____

Date _____

Witness 1:

(Name & Address)

Witness 2:

(Name & Address)

Form No.-10

Format for Bid Security Declaration

(On Non-judicial stamp paper of Rs. 100/-)

Whereas, I/We _____ (Name of Agency) has submitted bid for _____ (Name of Work and Tender No.) and whereas Earnest Money Deposit is being exempted in the aforesaid tender to give relief to the bidders as per Govt. of India guidelines due to severe financial crunch on account of slowdown in the economy due to the pandemic,

I/We hereby submit the following “Bid Security Declaration” in lieu of exemption from submitting Earnest Money Deposit :-

- 1) If I/We withdraw or modify my/our bid during the bid validity period (including extended validity of tender) specified in the tender documents;
Or
- 2) If, after the award of work, I/We fail to accept LOA/LOI, or to sign the contract agreement or fail to submit performance guarantee or fail to commence the work within stipulated time period prescribed in tender documents;
Or
- 3) If I/We furnish any incorrect or false statement / information/ document;
Or
- 4) If I/We hide any relevant information or do not disclose any material fact in the tender;
Or
- 5) If I/We commit any breach of integrity Pact;
I/We may be disqualified and banned for a period of three years and shall not be eligible to bid for future tenders in RailTel Corporation of India Ltd. for the period of three years from date of issue of such orders.

(Signed by the Authorized Representative of Firm)

Name of Authorized Representative

Name of Firm

Date

Chapter 10**CHECK LIST** (To be filled up & uploaded)

SN	Item/Clause of Tender Document	Submitted / Complied or Not	Page No./ ref No. of Offer
1	Signed Copy of Tender Document / Corrigenda		
2	EMD & Cost of Tender document		
3	Offer Letter duly signed by authorized signatory (Chapter -5 of Tender Document)		
4	Schedule of Requirements with quantities and offered make & Model but with prices blanked out (this will be a replica of price bid with prices blanked out).		
5	Detail BOM of each equipment supplied under the contract shall be submitted along with the bid and the same shall be duly vetted by the OEM.		
6	Deviation Statement, if any (Chapter wise and Clause wise from Technical Specification & Tender conditions.		
7	Complete technical data and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc.		
8	Declaration regarding Security Considerations & Security Agreement (Clause 3.22, Chapter- 3 of Tender Document)		
9	Form No. 2: Performa for Affidavit to be submitted by tenderer		
10	Form No. 3: Performa for Manufacturer Authorisation Form		
11	Form No. 4: Performa for the Long term Maintenance Support		
12	Form No. 5: Undertaking from OEM		
13	Form No. 6: Format for Power of Attorney		
14	Form No. 7: Performa for Nil Deviation		
15	Form No. 8: Performa for System Performance Guarantee		
16	Form No. 9: Performa for Integrity Pact		
17	Certificate for Local Content from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content as per clause 3.10 of Chapter-3.		
18	Certificate by bidders sharing a land border with India as per clause 3.21 of Chapter-3.		
19	Certificate of MSME, if applicable as per clause 3.11 of Chapter-3.		
20	Eligibility Criteria for Bidder as per Clause 3.3.1. of Chapter-3.		
21	Eligibility Criteria Requirements for OEM's as per Clause 3.3.2. of Chapter-3.		
Document uploaded along with Financial Bid/Price Bid Only.			
1	Price Bid for Schedule of Requirements as per Chapter-1		
2	Unit rate analysis of each SOR item with break-up of taxes/duties as per proforma attached as Annexure- A & Annexure-B of Chapter 1		

3	Calculation sheet of Local Content as per clause 3.10 of chapter-3		
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SN	Have you submitted the following documents?	Submitted /complied or Not	Page No./ ref No. of Offer
1	Cost of tender document....NIL		
2	Power of Attorney.		
3	Downloaded tender document digitally signed.		
4	Earnest money amounting Rs -----/- as per bid data sheet- clause no. 6.4 Chapter 6.		
5	Performance statement including Copies of Purchase Orders & Inspection certificates as per clause 6.10 Chapter 6.		
6	Compliance statement for acceptance of Technical specification (Chapter 4) & Instructions and Tender Conditions (Chapter 3, 6, 7, 8).		
7	Deviation Statement, if any (Chapter wise and Clause wise from Technical Specification & Tender conditions.		
8	Cost breakup of price indicating Basic rate, Packaging & Forwarding, CGST/SGST/IGST, Insurance etc. Chapter 2.		
9	OEM vetted BOM in compliance to conditions of Chapter-1 and technical specification of Chapter-4. No deviation certificate from OEM.		

Detail of Offered equipment's against SOR:

SN	SOR	Item Description	Make	Model	Data Sheet Placed at Page No. of Bid
1.	SOR-1				
2.	SOR-2				
3.	SOR-3				
4.	SOR-4				
5.	SOR-5				
6.	SOR-6				
7.	SOR-7				

8.	SOR-8				
9.	SOR-9				
10.	SOR-10				
11.	SOR-11				
12.	SOR-12				
13.	SOR-13				

DETAILS OF CREDENTIALS SUBMITTED AGAINST ELIGIBILITY CRITERIA OF OEM

SN	Clause	Supporting documents	Details/ Remarks	Page no of the Bid
1				
2				
3				

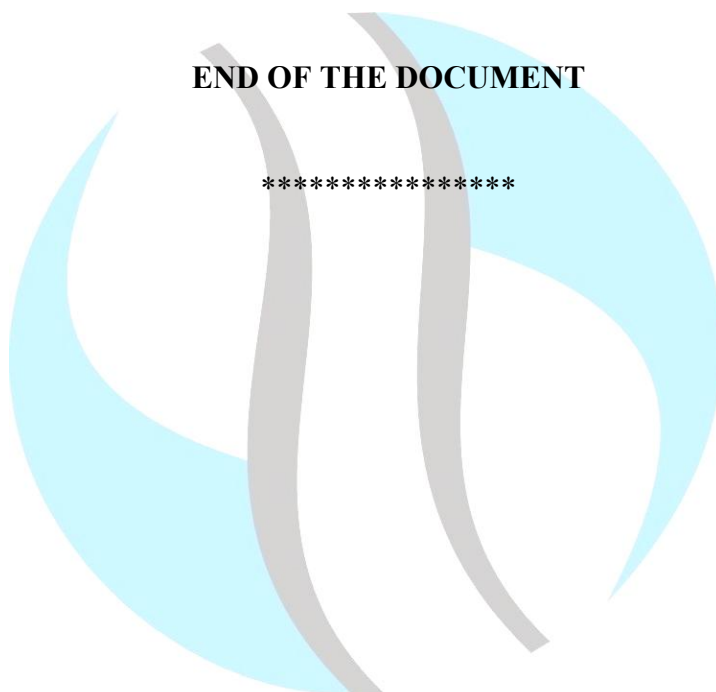
DETAILS OF CREDENTIALS SUBMITTED AGAINST ELIGIBILITY CRITERIA OF BIDDER:

SN	Clause	Supporting documents	Details/ Remarks	Page no of the Bid
1				
2				
3				

4				
5				

Note: Non submission/ non-compliance of above documents as deliberated in Check List will make the offer liable to be rejected.

END OF THE DOCUMENT



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