



रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

RAILTEL CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking)

(CIN: U64202DL2000GOI107905)

Aurora Waterfront Building, Plot No. 34/1, Block -GN,
Sector- V, Salt Lake City, Kolkata -700091

Telephone: 03344041499

रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उपक्रम), पूर्वी क्षेत्र

19वीं मंजिल, ऑरोरा वाटरफ्रंट बिल्डिंग, प्लॉट नंबर 34/1,

ब्लॉक जीएन, सेक्टर-वी, साल्ट लेक सिटी, कोलकाता - 700 091

RAILTEL CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking), Eastern Region,

(CIN: U64202 DL 2000GOI107905)

19th Floor, Aurora Waterfront Building,

Plot No. 34/1, Block GN, Sector-V,

Salt Lake City, Kolkata – 700 091

RailTel Website: <https://www.railtel.in>

e-Tendering portal <https://railtel.enivida.com>

“राउटर, स्विच, एसएफपी और एमपीओ केबल की आपूर्ति”

के लिए

इलेक्ट्रॉनिक निविदा दस्तावेज़

ELECTRONIC TENDER DOCUMENT

FOR

“Supply of Router, Switches, SFPs and MPO cable”

खुली ई-निविदा सं. (OPEN E-TENDER NO.): RailTel/Tender/OT/ER/HQ/2024-25/1542,

Dt. 30.07.2024

निविदा दस्तावेज़ की लागत (Cost of Tender Document): Rs. 1,770/- (Incl. GST)

खुलने की तिथि (Date of opening): 20.08.2024



रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड

RailTel Corporation of India Ltd.

(CIN:U64202DL2000GOI107905)

Eastern Region

19th Floor, Aurora Waterfront Building, Plot No. 34/1, Block -GN,
Sector- V, Salt Lake City, Kolkata -700091

Tender Notice No. RailTel/Tender/OT/ER/HQ/2024-25/1542,

Dt. 30.07.2024

RailTel's Website: <https://www.railtel.in>

रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड (रेलटेल), पूर्वी क्षेत्र "राउटर, स्विच, एसएफपी और एमपीओ केबल की आपूर्ति" के लिए सिद्ध अनुभव वाले स्थापित ठेकेदारों से दो पैकेट सिंगल स्टेज सिस्टम में खुली ई-बोली आमंत्रित करता है।

RailTel Corporation of India Ltd. (RailTel), Eastern Region invites Open e- Bids in two packet single stage system from established contractors with proven experience for "Supply of Router, Switches, SFPs and MPO cable"

विवरण इस प्रकार हैं:/

The details are as under:

a)	ई-टेंडर डाउनलोड करने की आरंभ तिथि Opening date of tender downloading	30.07.2024
	ई-बोली जमा करने की अंतिम तिथि और समय Last date & Time for Submission of e-bid	20.08.2024 at 14:00 hrs.
b)	बोलियां खोलने की तिथि और समय Date & Time of opening of Bids	20.08.2024 at 14.30 hrs.
c)	प्रस्ताव की वैधता Validity of offer	60 days from date of opening of tender
d)	वितरण अवधि delivery period	Within 60 days from date of issue of Purchase Order
e)	अनुमानित लागत (जीएसटी सहित)/ Estimated cost (Incl. GST)	Rs. 63,47,770.35
f)	बयाना राशि जमा (ईएमडी) #/ Earnest Money Deposit (EMD) #	Rs. 1,27,000.00
g)	निविदा दस्तावेज़ की लागत (जीएसटी सहित)/ Cost of Tender Document (Incl. GST)	Rs. 1,770.00

निविदा दस्तावेज़ और ईएमडी की लागत से छूट के लिए, खंड 6.4.0 अध्याय-6 पढ़ें

For exemption of cost of Tender Document and EMD, read clause 6.4.0 Chapter 6.

नोट: निविदा सूचना और निविदा दस्तावेज़ रेलटेल की वेबसाइट पर उपलब्ध हैं और इन्हें <https://www.railtel.in> या ई-टेंडरिंग पोर्टल <https://railtel.enivida.com> से डाउनलोड किया जा सकता है। ऑनलाइन बोली जमा करने के लिए, निविदाकर्ता को <https://railtel.enivida.com> पोर्टल से आवश्यक रूप से निविदा दस्तावेज़ की एक आधिकारिक ऑनलाइन प्रति डाउनलोड करनी होगी। इस निविदा के लिए भविष्य की सभी जानकारी अर्थात् शुद्धिपत्र / परिशिष्ट / संशोधन आदि केवल इस ई-टेंडरिंग पोर्टल पर पोस्ट किए जाएंगे। निविदा दस्तावेज़ की मुद्रित प्रतियां रेलटेल कार्यालय से नहीं बेची जाएंगी।

Note: Tender Notice and Tender Document are available on RailTel's website and can be downloaded from <https://www.railtel.in> or from the e-Tendering portal <https://railtel.enivida.com>. For online bid submission, the tenderer will have to necessarily download an official online copy of the tender document from the portal <https://railtel.enivida.com>. All future information viz. corrigendum /addendum/ amendments etc. for this Tender shall be posted on this e-Tendering Portal only. Printed copies of the Tender document will not be sold from the RailTel office.

बोलीदाता बोली में तैयारी, प्रस्तुतीकरण/भागीदारी से संबंधित सभी लागतों को वहन करेगा। रेलटेल इन लागतों के लिए किसी भी तरह से जिम्मेदार या उत्तरदायी नहीं होगा, चाहे बोली प्रक्रिया के आचरण या परिणाम कुछ भी हों।/

The 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.

उप. महाप्रबंधक/अनुबंध
रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड पूर्वी क्षेत्र/कोलकाता के लिए
Dy. GM/Contracts
for RailTel Corporation of India Ltd. Eastern Region/ Kolkata

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(This tender document consists of 63 pages)

CHAPTER-1**Name of the work: Supply of Supply of Router, Switches, SFPs and MPO cable****SCHEDULE OF REQUIREMENT (SOR) & PRICE BID**

SN	Item Description	Qty.	Unit	Unit Rate in Rs. (Incl. GST) (In fig. & words)	Amount in Rs. (Incl. GST)
1.	Supply of Router (similar to SRX 300) as per technical specification	36	Nos		
2.	Supply of Switch (AC) as per technical specification	27	Nos.		
3	Supply of Switch (DC) as per technical specification	2	Nos.		
4.	Fiber Switch as per technical specification	3	Nos.		
5.	Supply of SFP (10G) UD 60Km as per technical specification) as per technical specification	7	Nos.		
6.	Supply of SFP (10G) BD 20 Km as per technical specification	4	Pair		
7.	Supply of SFP (1G) BD 20 Km as per technical specification	10	Pair		
8.	Supply of SFP (1G) UD 40 Km as per technical specification	13	Nos.		
9.	Supply of SFP (1G) BD Pair 80Km as per technical specification	5	Pair		
10.	Supply of SFP (1G) electrical as per technical specification	4	Nos.		
11.	Supply of QSFP (40 G), 10Km as per technical specification	22	Nos.		
12.	Supply of QSFP (40 G), 40Km as per technical specification	10	Nos.		
13.	Supply of QSFP-28 (100 G Base as per technical specification	24	Nos.		
14.	Supply of MPO Cable (20 mtrs.) as per technical specification	20	Nos.		
	Total				Should be filled in downloaded excel format of Price bid from eNivida Portal and to be uploaded the same

Annexure-A

Price Schedule for Supply Items

SN	HSN Code	Description	Total Qty.	EX-Factory Price (Basic Unit Price exclusive of all levies and changes) (in Rs.)	Pkg & Forwarding Charges		Freight & Insurance Charges		Other Charges and Levies	CGST, IGST, SGST & GST		Price Per Unit (all inclusive) for delivery at destination
					%	Amt (in Rs.)	%	Amt (in Rs.)		Amt (in Rs.)	%	
1	2	3	4	5	6	7	8	9	10	11	12	
2												
3												
4												
..												
..												
14												

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.
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. GSTIN ID of vendor must be furnished from where goods will be supplied
9. 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.
10. Non-compliance of following will lead to summarily rejection of Bidders bid: i. Tender Cost ii. EMD.
11. Bidder has to quote for all SOR, and evaluation will be done on totality.

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: Supply of Router, Switches, SFPs and MPO cable
Clause 6.16, Chapter-6	Validity of offer 60 (sixty days only) from the date of opening of tender.
Clause 8.28 Chapter-8	Warranty 3 Years for Router & Switches and 1 year for SFPs and MPO cable from the date of receipt and acceptance by consignee.
Clause 3.2, Chapter-3	Delivery Period: Supply shall be completed within 60 Days from the date issue of Purchase Order.
Clause 3.3, Chapter-3	Eligibility Criteria Please refer Clause 3.3 of Chapter-3.
Clause 7.2, Chapter-7	Purchaser's Right to Vary Quantities The purchaser reserves the right to increase the order quantity by a quantity not exceeding 30% of the ordered quantity on the same price and terms and conditions during the currency of the contract, with suitable delivery schedule for the enhanced quantity.
Clause 6.4, Chapter-6	Earnest Money Deposit (EMD)/ Bid Security: Rs 1,27,000.00 through online transfer through e-Nivida portal only. The Bid received without EMD will be summarily rejected EMD/Bid security to be submitted by all tenderers, subject to the following exemptions: a) Tender cases of value up to Rs. 5 Lakhs. b) Micro and Small Enterprises (MSEs) registered under UDYAM Registration. c) Startups recognized by Department of Promotion of Industry and Internal Trade (DPIIT). Note 1: In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details and Bid Security Declaration (as per Annexure-III) Note 2: Firms registered with UDYAM certification for the tendered item / work is exempted from submission of EMD. Firms claiming for the above exemptions under UDYAM certification have to submit supporting documents. UDYAM Certificate with category as Traders are not eligible for EMD exemption.
Tender Notice	Last date of Submission of Tender (online) Date: 20.08.2024
Tender Notice	Date of opening of Tender(online) Date: 20.08.2024 Time: 14:00 hours
Tender Notice	Date of Opening of Tender Date: 20.08.2024 Time: 14:30 hours Public Online Tender Opening Event (TOE) through e-Tendering portal of RailTel E-NIVIDA PORTAL.

CHAPTER-3

SPECIAL TENDER CONDITIONS

3.1 The Tenderer shall quote Total all Inclusive Rate on C.I.P. destination basis clearly indicating the breakup of rates, applicable duties and taxes, etc. as detailed in the offer form only including freight and insurance charges.

3.2 Delivery Period:

Material is required to be delivered by the supplier at the location/consignee within 60 days from the date of issue of Purchase order.

3.3 Eligibility Criteria for Bidder:

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:

Three similar works each costing not less than the amount equal to 30% of advertised value of the tender,

or

Two similar works each costing not less than the amount equal to 40% of advertised value of the tender,

or

One similar work each costing not less than the amount equal to 60% of advertised value of the tender.

Offers not accompanied by copies of POs and supplies completion certificate (user certificate in the format of Form no.1) will not be considered.

Meaning of Similar Work: Supply of Router, Switches, SFPs, MPO cable.

3.4 Financial Eligibility Criteria:

The bidder should have minimum cumulative turnover from operation in the previous three financial years (FY : 2021-22, FY: 2022-23, FY: 2023-24) and the current financial year, at least 150% of the advertised value of the tender. The tenderers shall submit 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. The contact details of CA/Statutory Auditor along with UDIN No. shall be mandatorily mentioned on copy of certified Balance Sheet/Certificate.

Note: Client certificate from other than Govt. Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.

For Start Ups:

The bidder should have annual turnover of minimum 50% of tendered cost or above during the preceding 3 Financial Years as on opening of bid.

3.5 Bill passing and paying authority: Bill Passing Officer is Sr. DGM/Project/ER & bill paying officer is Sr .DGM/Finance/Eastern Region

3.6 Deleted

3.7 Discharge of tender: The purchaser reserves the right to discharge the tender in case Cartel is suspected or the tender/contract is not found to be advantageous/reasonable for RailTel.

3.8 Entry tax/toll tax: The tenderers should not merely quote Entry tax or Toll tax etc. extra as the rates quoted without specific rates will not be considered, and if the same becomes applicable, the same have to be borne by the suppliers. Therefore, if the tenderers desire to claim such charges, they should quote specific rate of tax or duty.

- 3.9 Firm to indicate make-model-brand offered, if any.
- 3.10 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 statement/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Form-V. **Non submission of an affidavit by the bidder shall result in summary rejection of his/their bid.** And it shall be mandatorily incumbent upon the tenderer to identify state and submit the supporting documents duly self-attested by which they/he is qualifying the Eligibility Criteria mentioned in the Tender Document. It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned.

The RailTel (RCIL) 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 (RCIL), 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 (RCIL) shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Railtel/Railway there under.

In case of any wrong information submitted by tenderer, the contract shall be terminated. Performance Guarantee (PG) of contract forfeited and agency barred for doing business on RailTel (RCIL) for 3years.

3.11 **Bill Tracking System (BTS) Clause:**

Vendors are advised to submit their bills through bill tracking system (<https://bts.rcil.gov.in/Home>) of RailTel for their payment.

3.12 **Constitution of Firm and Power of Attorney:**

1. Any individual(s) signing the tender or other documents connected therewith should specify whether he is signing: -
 - (a) As sole proprietor of the concern or as attorney of the sole Proprietor.
 - (b) As partner or partners of the firm.
 - (c) As a Director, Manager or Secretary in the case of Limited Company duly authorized by a resolution passed by Board of Directors or in pursuance of the authority conferred by Memorandum of Association.
2. In the case of a firm not registered under the Indian Partnership Act, all the partners or the attorney duly authorized by all of them should sign the tender and all connected documents. The original Power of Attorney or other documents empowering the individual or individuals to sign should be furnished to the Purchaser for verification, if required.
3. The RailTel will not be bound by Power of Attorney granted by the tenderer or by the changes in the composition of the firm made subsequent to the execution of the contract agreement.
4. In case where Power of Attorney partnership deed has not been executed in English, the true and authenticated of copies of the translation of the same by Advocate, authorized translators of Courts and licensed Petition Writers should be supplied by the contractor(s), while tendering of the work.
5. The duly notarized Power of Attorney shall be submitted in original at the time of bid submission as per clause above.

Note:

- 1) The bidder is required to give acceptance of all the clauses of Tender document. Any deviation / non-acceptance may lead to rejection of the bid.
- 2) Information to Bidder viz. corrigendum /addendum/ amendments etc. for this bid shall be posted on www.railtelindia.com and RailTel E-Nivida Portal only.
- 3) After opening of the technical bid no correspondence/submission of document made at the initiative of the bidder will be entertained. However, the purchaser can, if required, ask for clarifications which need to be submitted before a target date.

The clarifications submitted as required by the purchaser before the target date will be considered.

3.13 **Consignee:** Chief Manager/Tech/Store, RailTel Corporation of India Ltd., C/o. Central Warehousing Corporation, Kishori Mohan Banerjee Avenue, Panihati, Dhankal, Kolkata - 700114 Shri Surajit Roy, Mobile No. 9007044137.

3.14 **Purchase preference will be given to MSEs**

Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

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 **Replacement Services**

If the contractor fails to replace the 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.

CHAPTER-4

TECHNICAL REQUIREMENTS & SPECIFICATIONS

- i. Equipped with necessary hardware/software to comply all required / support features.
- ii. 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. i.e., UL, CE and FCC Certification is not required for PMA. However, they have to produce certificate from standard lab approved/ authorized by Govt. of India that their product is equivalent to UL, CE and FCC and meets all standard and specification of UL, CE and FCC.

SOR-1: Technical Specifications for Router (similar to SRX 300)

Software Specifications:		
	Routing Protocols	<ul style="list-style-type: none"> • IPv4, IPv6, ISO, Connectionless Network Service (CLNS) • Static routes • RIP v1/v2 • OSPF/OSPF v3 • BGP with Route Reflector • IS-IS • Multicast: Internet Group Management Protocol (IGMP) v1/v2, Protocol Independent Multicast (PIM) sparse mode (SM)/dense mode (DM)/source-specific multicast (SSM), Session Description Protocol (SDP), Distance Vector Multicast Routing Protocol (DVMRP), Multicast Source Discovery Protocol (MSDP), Reverse Path Forwarding (RPF) • Encapsulation: VLAN, Point-to-Point Protocol (PPP), Frame Relay, High-Level Data Link Control (HDLC), serial, Multilink Point-to-Point Protocol (MLPPP), Multilink Frame Relay (MLFR), and Point-to-Point Protocol over Ethernet (PPPoE) • Virtual routers • Policy-based routing, source-based routing • Equal-cost multipath (ECMP)
	Switching Features	<ul style="list-style-type: none"> • ASIC-based Layer 2 Forwarding • MAC address learning • VLAN addressing and integrated routing and bridging (IRB) support • Link aggregation and LACP • LLDP and LLDP-MED • STP, RSTP, MSTP • MVRP • 802.1X authentication
	Network Address Translation (NAT)	<ul style="list-style-type: none"> • Source NAT with Port Address Translation (PAT) • Bidirectional 1:1 static NAT • Destination NAT with PAT • Persistent NAT • IPv6 address translation
	QoS Features	<ul style="list-style-type: none"> • Support for 802.1p, DiffServ code point (DSCP), EXP • Classification based on VLAN, data-link connection identifier (DLCI), interface, bundles, or multifield filters • Marking, policing, and shaping • Classification and scheduling • Weighted random early detection (WRED) • Guaranteed and maximum bandwidth • Ingress traffic policing • Virtual channels • Hierarchical shaping and policing
Hardware Specifications:		
	Total onboard ports	6x1GbE or more
	Onboard RJ-45 ports	4x1GbE or more
	Onboard small form-factor pluggable (SFP) transceiver ports	2x1GbE or more
	Console (RJ-45 + mini USB)	1
	USB 3.0 ports (type A)	1

Memory and Storage:		
	System memory (RAM)	4 GB
	Storage (flash)	8 GB
	SSD slots	0
Power & Cooling:		
	Redundant PSU	No
	Power supply	AC (external)
	Airflow/cooling	Fanless/Back to side
	Operating Temp	55 degree C
	Humidity	95% RH noncondensing

Parameter	Min
Routing with packet mode (1,518 B packet size) in Mbps	1500
Stateful firewall (1,518 B packet size) in Mbps	1900
IPsec VPN (IMIX packet size) in Mbps	100
IPsec VPN (1,400 B packet size) in Mbps	300
Recommended IPS in Mbps	200
Next-generation firewall in Mbps	220
Secure Web Access firewall in Mbps	150
Route table size (RIB/FIB) (IPv4 or IPv6)	250,000/250,000
Maximum concurrent sessions (IPv4 or IPv6)	64,000
Maximum security policies	1000
Connections per second	5000
NAT rules	900
MAC table size	14000
IPsec VPN tunnels	250
Number of remote access/SSL VPN (concurrent) users	25
GRE tunnels	15
Number of VLANs	950
Warranty	3 Years

Note:

- i. With 3 years warranty.
- ii. Equipped with 3 PIN Connector.
- iii. Rack mountable & supplied with all required clips/hardware.
- iv. Equipped with necessary hardware/software to comply all above required / support features.
- v. 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.

SOR-2: Technical Specifications for Switch (AC):

Switch Type	Minimum Interfaces	Minimum Backplane Capacity	Packets forwarding rate (Million PPS) min	Min MAC address support	Min. VLANs
Type-A	24 ports 10/100 Mbps Base T & 4 ports SFP Based Gigabit ports	8 Gbps	6	8k	255

Switch Type	Power Supplies
Type – A	Should have AC power supply arrangement as given below in chassis without any external adaptors: AC Power Supply 100 to 240 V AC with 50 to 60 Hz,

1.1 Switches should support following features.

SN	Description
1	Should support Dual Images.
2	Should support Optical Transceiver Digital Diagnostic Monitoring for all SFP ports of 1G.
3	Should support port mirroring and jumbo frame.
4	Should support following for min. 64 Groups :
	i) IGMP Snooping,
	ii) IGMP v1/v2/v3 awareness Snooping,
	iii) IGMP Snooping Queried.
5	Should support spanning-tree root guard, Port Fast and BPDU Guard/Filter or similar functionalities.
6	Switch should support:
	i) Surge protection of ± 2 kV (line-earth) and ± 1 kW (line-line) on power
	ii) Surge protection of ± 2 kV on Ethernet ports and this will be applicable in case switch has copper ports.
7	Should support following security features viz.:
	i) Web Management (HTTPS)
	ii) Broadcast/Multicast/Unicast Storm Control
	iii) DoS Attack Prevention
8	Switch should support following SNMP traps
	i) Interface UP & Down
	ii) Optical power SFP threshold alarms
	iii) STP Topology Changes and New root bridge
	iv) LLDP table changes
	v) Power Supply (Primary and Secondary) down and Up alarms.
	vi) Threshold traps of CPU, Chassis Temperature and POE power budget and Memory.
	vii) Ethernet OAM CFM and LFM SNMP traps for Type-B, C, D& E Switches.
9	Switch should comply to following Temperature performance parameters :
	I) Operating Temperature - min -0 to 50 °C (23 to 122 °F)
	II) Storage Temperature - min -40 to 70 °C (-40 to 158 °F)
10	It shall support MAC address notification to allow administrators to be notified of users added to or removed from the network.

11	The switch shall be designed for continuous operations with dual/redundant fans.
12	IPv6/v4-L3 and IPv6-Multicast functionalities/features for Switches are desired but not mandatory.
	Safety Requirement :-
13	Switch should have safety compliance of UL.
	Electromagnetic Compatibility (EMC) Requirements:-
14	Switch should have EMC compliance of CE and FCC.
	QUALITATIVE REQUIREMENTS
	i. The equipment shall be manufactured in accordance with the international standards ISO 9000:2008 or later for which the manufacturer shall be duly accredited. A quality plan describing the quality assurance system followed by the manufacturer shall be required to be submitted
	ii. The MTBF (Mean Time Between Failure) and MTTR (Mean Time To Repair) predicted and observed values shall be furnished along with calculations by the manufacturer.

1.2 Switches should support following Metro Ethernet Features.

SN	Description
1	i. Q in Q , Double VLAN (Q-in-Q) ,Port-based Q-in-Q and VLAN Translation
	ii. IEEE 802.1ag Ethernet OAM: Connectivity Fault Management
	iii. Ethernet OAM compliant with IEEE 802.3ah/Y.1731
	iv. ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies.
	v. L2 Protocol Tunneling
	vi. Loopback Detection
2	The operating system of the Switches category/series/family should be MEF-9/14 or CE (Carrier Ethernet) Certified/compliant.
3	Warranty : 3 Years.

SOR-3: Technical Specifications for Switch (DC)

Switch Type	Minimum Interfaces	Minimum Backplane Capacity	Packets forwarding rate (Million PPS) min	Min MAC address support	Min. VLANs
Type-A	24 ports 10/100 Mbps Base T & 4 ports SFP Based Gigabit ports	8 Gbps	6	8k	255

Switch Type	Power Supplies
Type – A	Should have DC power supply arrangement as given below in chassis without any external adaptors: -48V DC.

1.1 Switches should support following features.

SN	Description
1	Should support Dual Images.
2	Should support Optical Transceiver Digital Diagnostic Monitoring for all SFP ports of 1G.
3	Should support port mirroring and jumbo frame.
4	Should support following for min. 64 Groups :
	i) IGMP Snooping,

	ii) IGMP v1/v2/v3 awareness Snooping,
	iii) IGMP Snooping Queried.
5	Should support spanning-tree root guard, Port Fast and BPDU Guard/Filter or similar functionalities.
6	Switch should support : i) Surge protection of ± 2 kV (line-earth) and ± 1 kW (line-line) on power
	ii) Surge protection of ± 2 kV on Ethernet ports and this will be applicable in case switch has copper ports.
7	Should support following security features viz.:
	i) Web Management (HTTPS),
	ii) Broadcast/Multicast/Unicast Storm Control,
	iii) DoS Attack Prevention
8	Switch should support following SNMP traps
	i) Interface UP & Down
	ii) Optical power SFP threshold alarms
	iii) STP Topology Changes and New root bridge
	iv) LLDP table changes
	v) Power Supply (Primary and Secondary) down and Up alarms.
	vi) Threshold traps of CPU, Chassis Temperature and POE power budget and Memory.
	vii) Ethernet OAM CFM and LFM SNMP traps for Type-B, C, D & E Switches.
9	Switch should comply to following Temperature performance parameters :
	I) Operating Temperature - min -0 to 50 °C (23 to 122 °F)
	II) Storage Temperature - min -40 to 70 °C (-40 to 158 °F)
10	It shall support MAC address notification to allow administrators to be notified of users added to or removed from the network.
11	The switch shall be designed for continuous operations with dual/redundant fans.
12	IPv6/v4-L3 and IPv6-Multicast functionalities/features for Switches are desired but not mandatory.
	Safety Requirement :-
13	Switch should have safety compliance of UL.
	Electromagnetic Compatibility (EMC) Requirements:-
14	Switch should have EMC compliance of CE and FCC.
	QUALITATIVE REQUIREMENTS
	i. The equipment shall be manufactured in accordance with the international standards ISO 9000:2008 or later for which the manufacturer shall be duly accredited. A quality plan describing the quality assurance system followed by the manufacturer shall be required to be submitted
	ii. The MTBF (Mean Time Between Failure) and MTTR (Mean Time To Repair) predicted and observed values shall be furnished along with calculations by the manufacturer.

1.2. Switches should support following Metro Ethernet Features.

SN	Description
1	i. Q in Q , Double VLAN (Q-in-Q) ,Port-based Q-in-Q and VLAN Translation
	ii. IEEE 802.1ag Ethernet OAM: Connectivity Fault Management
	iii. Ethernet OAM compliant with IEEE 802.3ah/Y.1731
	iv. ITU-T G.8032 Ethernet Ring Protection designed for loop protection and fast convergence times (sub 50 ms) in ring topologies.
	v. L2 Protocol Tunneling
	vi. Loopback Detection
2	The operating system of the Switches category/series/family should be MEF-9/14 or CE (Carrier Ethernet) Certified/compliant.

3	Warranty: 3 Years
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SOR-4: Technical Specifications for Fiber Switch

SN	Description
1	Should have minimum 24 x 1G SFP based ports
2	Should have minimum 4 nos. SFP+ based 10G Ports.
3	Should have at least 128 Gbps full duplex line rate traffic.
4	Should have support for 802.3x flow control.
5	Should support 802.1D spanning tree control/RSTP support and MSTP support.
6	Should support management features viz. Web-based GUI/SSH, SNMP, TFTP Client System Log.
7	Should support Auto MDI-II/MDI-X uplink for all the twisted pair ports.
8	Should support 802.1Q VLAN, 802.1p Priority queues.
9	Should support port mirroring, jumbo frame & should have at least 16K MAC address.
10	Should support console port and telnet-based management.
11	Should have AC & -48V DC power supply arrangement as given below in the switch without any external adaptors for redundant power supply. Switch should have built-in 1+1 redundant power supply (AC & -48V DC).
12	Should support Port-based VLAN, 802.1Q Tagged VLAN along with Management VLAN.
13	Should support ITU-T G.8032 Ethernet Ring protection for Loop Protection and fast convergence time (Sub 50 ms) in ring topologies/ IEEE 802.1W RSTP for Sub Second failover. Industry Standard IEEE 802.1W RSTP is standard for Ring /STP topology.
14	Switch should support Surge Protection on power input and on Ethernet ports as per EN61000-4-5 standard and as per requirement at Indian Railway Station.
15	Should support Quality of Service (QoS) features viz. Priority Queue, Class of Service (CoS), Rate Limiting (Bandwidth Control), Strict Priority Queue (SPQ), Weighted Round Robin (WRR) or better, DOS attack prevention.
16	IPv6 feature should be ready from day 1.
17	Minimum Operating Temperature 0 to 45 degree.
18	The Switch should have CE/EMC & CE-LVD/RoHS certified
19	Switch shall be with Rack Mountable clams for standard 19-inch rack mountable.
20	The Switch shall be designed for continuous operations.
21	Switch should support LLDP or similar functionality.
22	Switch should support following security features viz: i) SSL (HTTPS)/SSH, ii) Broadcast/Multicast/Unicast Storm Control, iii) Optical Power SFP threshold alarms iv) DoS Attack prevention/DAI
23	Switch should support following SNMP traps or syslog i) Interface UP & DOWN ii) Optical Power SFP threshold alarms iii) STP Topology Changes and New root bridge iv) LLDP table changes
24	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 with 03 years warranty.
25	OEM or Authorized distributor/Partner of OEM should have a registered office in India to provide sales and support in India. The certificate to this effect should be submitted. The bidder should be either OEM or his authorized dealer/distributor
26	Equipment offered shall have complete data sheets and detailed description on OEM web sites.
27	Bidder shall submit the detailed BOM of the equipment offered duly verified and certified by the respective OEM.

28	The OEM should have proven facilities for Engineering, manufacture, assembly, integration and testing of Switches/SFPs and basic facilities with respect to space, Engineering, Personnel, Test equipment, Manufacture, Training, Repair, Service Center 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 training repair and service center facilities in India also. The certificates/Undertaking for the same will have to be submitted offline.
29	OEM should have its service center in India at min 04 locations. Details to be shared.
30	OEM Indian support number (TOLL FREE) to be shared along with bid.
31	MAF should be submitted from the OEM on its letter head.
32	Warranty : 3 Years

SOR-5: Technical Specifications for SFP (10G) UD 60Km

Srl. No.	Technical Specification
1	Multi-Vendor MSA Compatible with OEM Equipment of CISCO, Juniper, Watchdog, Zyxel, Edgecore, Techroute, D-Link, Nokia, Ciena etc.
2	Should support 60 km optical distance on dual fiber
3	Should have LC type connector
4	Should have 10 Gigabit Ethernet capacity on single mode fiber.
5	Should support Digital Diagnostic Monitoring feature with following operating parameters: Transceiver temperature" 0 ~ 70 deg. C Laser bias current Transmitted optical power: 0 ~ +4 dBm Received optical power: -15 dBm Transceiver supply voltage: 3.3V It also provides a sophisticated system of alarm and warning flags
6	OEM should be having valid ISO 9000 certificate
7	Should have CE and FCC and UL or equivalent regulatory Certificate
8	Operating temperature of the SFP should be minimum 0 to 70°C (23 to 149 °F)
9	Complies with SFF-8431 SFP+ MSA (Multi-Source Agreements Standards)
10	Complies with 1270nm & 1330nm DFB laser transmitter & CPRI Option 7, 8
11	1310 nm Hot Pluggable Module
12	Should support 9.83G to 11.32Gb/s Multi-Rate & 2-wire interface for management and diagnostic monitor compliant with SFF-8472.
13	Should declare country of origin along with documentary proof
14	Warranty: 1 year

SOR-6: Technical Specifications for SFP (10G) BD 20Km

Srl. No.	Technical Specification
1	SFP module should comply with multi-source agreement (MSA), enabling compatibility with equipment of Watchdog, Zyxel, Edgecore, Techroute, CISCO, Juniper, D-Link, Nokia, Ciena etc.
2	Should support 10 - 20km. optical distance on single fiber
3	Should have LC type connector

4	Transmitted Optical Power range : 5.00 dBm. ~- 4.00 dBm. Received Optical Power range : 1.50 dBm. ~ - 17 dBm.
5	Should quote rate in pair (BX U & D)
6	Should have 10 Gigabit Ethernet capacity on single mode fiber.
7	Should support Digital Diagnostic Monitoring feature with following operating parameters: Transceiver temperature" 0 ~ 70 degC Laser bias current Transceiver supply voltage: 3.3V It also provides a sophisticated system of alarm and warning flags
8	OEM should be having valid ISO 9000 Certificate
9	Should have CE and FCC and UL or equivalent regulatory compliances
10	Operating temperature of the SFP should be minimum 0 to 70°C (23 to 149 °F)
11	Complies with SFF-8431 SFP+ MSA (Multi-Source Agreements Standards)
12	Complies with 1270nm & 1330nm DFB laser transmitter & CPRI Option 7, 8
13	Should support 9.83G to 11.32Gb/s Multi-Rate & 2-wire interface for management and diagnostic monitor compliant with SFF-8472
14	Warranty : 1 Year

SOR-7: Technical Specifications for SFP 1G, BD, 20Km

Srl. No.	Technical Specification
1	Multi-Vendor MSA Compatible with OEM Equipment of Watchdog, Zyxel, Edgecore, Techroute, CISCO, Juniper, D-Link, Nokia, Ciena etc.
2	2 Should support 10 – 20 km optical distance on single fiber
3	Should have LC type connector
4	Should quote rate in pair (BX U & D)
5	Should have 01 Gigabit Ethernet capacity on single mode fiber.
6	Should support Digital Diagnostic Monitoring feature with following operating parameters: Transceiver temperature" 0 ~ 70 degC Laser bias current Transmitted optical power: 0 ~ -5dBm Received optical power: -17 dBm Transceiver supply voltage: 3.3V It also provides a sophisticated system of alarm and warning flags
7	OEM should be having valid ISO 9000 Certificate
8	Should have CE and FCC and UL or equivalent regulatory Certificate
9	Operating temperature of the SFP should be minimum 0 to 70°C (23 to 149 °F)
10	Complies with SFF-8431 SFP+ MSA (Multi-Source Agreements Standards)
11	Complies with 1310nm/1550nm DFB laser transmitter & CPRI Option 7, 8

12	Should support 1G to 1.25Gb/s Multi-Rate & 2-wire interface for management and diagnostic monitor compliant with SFF-8472
13	Warranty : 1 Year

SOR-8: Technical Specifications for SFP (1G) UD 40Km

Srl. No.	Technical Specification
1	Multi-Vendor MSA Compatible with OEM Equipment of Watchdog, Zyxel, Edgecore, Techroute, CISCO, Juniper, D-Link, Nokia, Ciena etc.
2	Should support 40 km optical distance on dual fiber
3	Should have LC type connector
4	Rate shall be quoted in the unit Nos.
5	Should have 1 Gigabit Ethernet capacity on single mode fiber.
6	Should support Digital Diagnostic Monitoring feature with following operating parameters: Transceiver temperature" 0 ~ 70 deg. C Laser bias current Transmitted optical power: 0 ~ -5dBm Received optical power: -23dBm Transceiver supply voltage: 3.3V It also provides a sophisticated system of alarm and warning flags
7	OEM should be having valid ISO 9000 certificate
8	Should have CE and FCC and UL or equivalent regulatory Certificate
9	Operating temperature of the SFP should be minimum 0 to 70°C (23 to 149 °F)
10	Complies with SFF-8431 SFP+ MSA (Multi-Source Agreements Standards)
11	1310 nm Hot Pluggable Module
12	Should support 1000BASE LX@1.25G or 100 BASE-LX @1.25G
13	Warranty: 1 year

SOR-9: Technical Specifications for SFP (1G) BD Pair 80Km

Srl. No.	Technical Specification
1	SFP module should comply with multi-source agreement (MSA), enabling compatibility with Watchdog, Zyxel, Edgecore, Techroute, CISCO, Juniper, D-Link, Nokia, Ciena etc.
2	Should support 60-80 km optical distance on single fiber
3	Should support 1310/1550 wavelength
4	Transmitted Optical Power range : 5.00 dBm. ~- 11.00 dBm. Received Optical Power range : 0.00 dBm. ~ - 32 dBm.
5	Should have LC type connector.
6	Should have 1 Gigabit Ethernet capacity on single mode fiber.

7	Should support DDMI feature.
8	OEM should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid.
9	Should have CE and FCC or equivalent regulatory compliances.
10	Operating Temperature of the SFP Should be mini 0 to 65 °C (23 to 149 °F)
11	Warranty : 1 Year

SOR-10: Technical Specifications for SFP (1G) electrical

SN	Description
1	SFP-GB-GE-T 1000BASE-T Copper Small Form Pluggable (SFP) modules are based on the SFP Multi Source Agreement (MSA). It is compliant with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE STD802.3 and 802.3ab.
2	SFP-GB-GE-10/100/1000BASE-T SFP Copper RJ-45 100m Transceiver.
3	LAN1000Base-T
4	Gigabit Ethernet over Cat6/Cat6a Cable
5	Switch to Switch Interface
6	Router/Server Interface
7	Support RX_LOS as Link indication function
8	Fully Metallic Enclosure for Low EMI
9	Low Power Dissipation(1.05W Typical)
10	Compact RJ-45 Connector Assembly 1000BASE-T SFP COPPER RJ-45 100M TRANSCEIVER
11	For 100m Reach Over UTP Cat6/Cat6a Cable
12	Hot-Pluggable SFP Footprint
13	Support 1000BASE-T Operation in Host Systems
14	Access to Physical Layer via 2-Wire Serial Bus
15	Compliant with MSA SFP
16	Detailed Product Information in EEPROM
17	Compliant with IEEE Std 802.3-2002
18	Commercial Temperature Range: 0~70°C Extended Temperature Range: -5~85°C Industrial

SOR-11: Technical Specifications for QSFP (40 G) 10Km

Srl. No.	Description	Requirements
1	Connector	Dual LC/UP
2	Signaling rate, each lane	25.78125 GBd +/-100 ppm
3	Standards compliance (Ethernet/OTN Standard, for e.g. 100GBASE-LR4)	IEEE 802.3ba-2010
4	Operating Temperature (range)	0° C to 70° C
5	Transmitter output power, each lane (minimum, maximum)	-4.3dBm, 4.5 dBm

6	Cable type	SMF
7	Receiver input power, each lane (minimum, maximum)	-10.6dBm,,4.5 dBm
8	Monitoring available	Digital optical monitoring
9	Transmitter wavelengths (range	1294.53nm through 1296.59 nm
		1299.02nm through 1301.09 n
		1303.54nm through 1305.63 n
		1308.09nm through 1310.19 nm

SOR-12: Technical Specifications for QSFP (40G) 40Km

Srl. No.	Description	Requirements
1	Connector	Dual LC/UP
2	Signaling rate, each lane	25.78125 GBd +/-100 ppm
3	Standards compliance (Ethernet/OTN Standard, for e.g. 100GBASE-LR4)	IEEE 802.3ba-2010
4	Operating Temperature (range	0° C to 70° C
5	Transmitter output power, each lane (minimum, maximum)	-2.7dBm, 4.5 dBm
6	Cable type	SMF
7	Receiver input power, each lane (minimum, maximum)	-21.2dBm, -4.5 dBm
8	Monitoring available	Digital optical monitoring
9	Transmitter wavelengths (range	1294.53nm through 1296.59 nm
		1299.02nm through 1301.09 n
		1303.54nm through 1305.63 n
		1308.09nm through 1310.19 nm

SOR-13: Technical Specifications for QSFP-28 (100G Base)

Srl. No.	Description	Requirements	Compliance
1	Connector	MPO	
2	Signaling rate, each lane	25.78125 GBd +/-100 ppm	
3	Standards compliance (Ethernet/OTN Standard, for e.g. 100GBASE-LR4)	IEEE 802.3ba-2010	
4	Operating Temperature (range	0° C to 70° C	
5	Transmitter output power, each lane (minimum, maximum)	-4.3dBm,4.5 dBm	
6	Cable type	SMF	
7	Receiver input power, each lane (minimum, maximum)	-10.6dBm,,4.5 dBm	
8	Monitoring available	Digital optical monitoring	
9	Transmitter wavelengths (range	1294.53nm through 1296.59 nm	
		1299.02nm through 1301.09 n	
		1303.54nm through 1305.63 n	
		1308.09nm through 1310.19 nm	

SOR-14: Technical Specifications for MPO Cable

Applications	<ul style="list-style-type: none"> • Data Center • High Speed 40G, 100G, 200G, 400G Network • Optical Access Network • Broadband / CATV System
Features	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Core <input type="checkbox"/> High Density & Compact Size <input type="checkbox"/> Compliant with IEC61754-7, TIA/EIA 604-5, GR-326, GR-1435 <input type="checkbox"/> LSZH, OFNR, OFNP cable jacket
Technical Parameters	<p>Fiber Type SM (APC) MM OM1 OM2 MM OM3 MM OM4 MPO Connector Color Green Beige Aqua Aqua or Violet Operating Wavelength 1270~1610nm 850nm / 1300nm MPO Insertion Standard Loss* $\leq 0.75\text{dB} \leq 0.75\text{dB}$ MPO Insertion Low Loss (Elite) * $\leq 0.35\text{dB} \leq 0.35\text{dB}$ Other Connector Insertion Loss* $\leq 0.30\text{dB}$ Return Loss* $\leq -60\text{dB} \leq -20\text{dB}$ MPO Fiber Height 1000~3000nm MPO adjacent Fiber height difference $\leq 200\text{nm}$ MPO all Fiber height difference $\leq 350\text{nm}$ MPO X / Y End-face Angel -0.2 ~ 0.2 um Operating Temperature -40 ~ +70°C</p>

Section-II

Chapter 5

OFFER LETTER

RailTel Corporation of India Ltd.,
19th Floor, Aurora Waterfront Building,
Plot No. 34/1, Block GN, Sector-V,
Salt Lake City, Bidhannagar,
Kolkata - 700091

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 60 days from the date of submission and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money/ 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 for the period of three years from date of issue of such orders. 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, Switches, SFPs and MPO cable" within 60 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.

A sum of Rs in the form of online transfer through RailTel e-Nivida portal submitted as "Earnest Money". The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies/ 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 for the period of three years from date of issue of such orders. 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 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 RailTel E-Nivida Portal. Any document / information pertaining to this chapter will have to be submitted by the bidder online. 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 FILLINGUP THE TENDER FORM CAREFULLY. PLEASE SIGN ON EACH PAGE.

THE TENDERERS MAY DOWNLOAD TENDER FORM FROM THE WEB SITE 'www.railtelindia.com' OR FROM THE <https://railtel.enivida.com>

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 Performance Bank Guarantee

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

- 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 here under 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, Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire RailTel for 3 (three) years.

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

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:

- a. Each and every page of bid should be digitally signed/signed in ink & stamped by authorized representative of the firm. Power of attorney in favor of the signatory duly authorizing the signatory shall be enclosed in the bid.
- b. **The original copy of Notarized Affidavit & Bid Security Declaration (if applicable) shall be submitted at the following address so as to reach up to 14:00 hours of due date:**

**RailTel Corporation of India Limited,
19th Floor, Aurora Waterfront Building,
Plot No. 34/1, Block GN, Sector-V,
Salt Lake City, Bidhannagar,
Kolkata-700091**

- c. The packet containing original copy of Power of attorney (if any), Notarized Affidavit and Bid Security Declaration shall bear name of work, the tender no, and the words "DO NOT OPEN BEFORE" (due date).
- d. 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.
- e. The unit rate 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.
- f. 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).

6.4.0 Earnest Money Deposit (EMD):

The tenderer shall deposit Earnest Money Deposit/Bid Security Rs. 1,27,000/- along with the tender through RailTel e-Nivida portal No bank guarantee for EMD is accepted. The Bid received without EMD will be summarily rejected.

EMD/Bid security to be submitted by all tenderers, subject to the following exemptions:

- a) Tender cases of value up to Rs. 5 Lakhs.
b) Micro and Small Enterprises (MSEs) registered under UDYAM Registration.
c) Startups recognized by Department of Promotion of Industry and Internal Trade (DPIIT).

Note 1: In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details and Bid Security Declaration (as per Annexure-III).

Note 2: Firms registered with UDYAM certification for the tendered item / work is exempted from submission of EMD. Firms claiming for the above exemptions under UDYAM certification have to submit supporting documents. UDYAM Certificate with category as Traders are not eligible for EMD exemption.

6.4.1 Make in India clause:

Public Procurement (Preference to Make in India): Applicable only for all Global tenders & for all tenders where the minimum local content shall be 50% & tenders valuing above Rs. 5 Lakhs.

The provisions of Public Procurement (Preference to Make in India), Order-2017 dt. 15.06.2017 or latest is applicable.

- 6.4.2.1 (a) Local content: The minimum local content shall be 50% or as indicated in the tender enquiry.
(b) Margin of Purchase Preference: The margin of purchase preference is 20%.
(c) Fee for complaints: Fee for filing a complaint under the order shall be Rs.10,000/- per case. The complaint shall be filed in the office of the Director RailTel. The fee shall be deposited with the office of the Director Finance/RailTel, New Delhi.
- 6.4.2.2 Verification of local content:
a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
b. In case of procurement for a value in excess of Rs.10 Crores, the local supplier 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.
c. False declarations will be in breach of the Code of integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
d. A Supplier who has been debarred by any procuring entity for violation of this order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment.
e. Debarment of bidders: In respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on CPPP so that ongoing procurements are not disrupted.
- 6.4.2.3 Requirement of Purchase Preference: Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder:
a. In procurement of goods in respect of which the Nodal Ministry has communicated that there is sufficient local capacity and local competition, and where the estimated value of procurement is Rs.50 Lakhs or less, only local suppliers shall be eligible. If the estimated value of procurement of such goods is more than Rs.50 Lakhs, the provisions of sub-paragraph b or c as the case may be, shall apply.
b. In the procurements of goods which are not covered by paragraph (a) above and which are divisible in nature, the following procedure shall be followed:
i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
ii) If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1 Thereafter. The lowest bidder among the local suppliers will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
c. In procurements of goods not covered by sub-paragraph (a) above and which are not divisible, and in procurement of services where the bid is evaluated on price alone, the following procedure shall be followed:
i). Among all qualified bids, the lowest bid will be termed as L1.If L1 is from a local supplier; the contract will be awarded to L1.
ii). If L1 is not from a local supplier, the lowest bidder among the local suppliers will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L1 price.
iii) In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.
- 6.4.2.4 Exemption of small purchases: Notwithstanding anything contained in Para 6.4.2.3, procurements where the estimated value to be procured is less than Rs.5 Lakhs is exempted.

6.4.3 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
 - (d) 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.
 - (e) 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."

6.5 Security Deposit/Performance Bank Guarantee:

The successful tenderer is required to submit a Performance Bank Guarantee (PBG) or online transfer within 30 days of the issue of LOA/Purchase order for a total value of 5% of the value of issued LOA/PO, 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/PO. This PBG should be from a Scheduled Bank and should cover warranty period plus three months (39 Months) for lodging the claim.

Note: A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's Bank through SFMS (MT 760) and only after this the BG will become acceptable to RailTel. It is therefore in own interest of bidder to obtain RailTel's bank IFSC code, its branch and address and advise these particulars to the BG issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank.

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

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.

- 1) Any performance security upto a value of Rs. 5 Lakhs is to be submitted through online transfer only.

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 Drawings and Specifications:

If any tenderer happens to quote with their own Drawing No / Part No / Specification, then, they shall have to, necessarily, submit all the requisite documents and information, in support of their offer being in conformity with the tender Drawing / Specification. Furthermore, duly authenticated copies of such drawings / specifications / catalogue are also to be enclosed, failing which the offer will be liable to be rejected.

6.9 Attendance of Representatives for Tender Opening:

Representatives of tenderers 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. In addition, representatives desirous of attending the Online Public Tender Opening Event can do so by getting authorized for such participation by the Super-User/ Master User of their respective organizations on ETS. 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 1st extension	Qty supplied during 2nd extension	Qty. Supplied during 3rd 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 to RailTE/Eastern Region office.

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 GST related clause:

6.12.1 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.

6.12.2 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.

- 6.12.3 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.
- 6.12.4 Bidder shall issue valid tax invoice to RailTel for availing proper credit of CGST, SGST, IGST, UTGST in case of award of Contract. GST will not be reimbursed in the absence of valid tax invoice.
- 6.12.5 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.
- 6.12.6 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.
- 6.12.7 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.
- 6.12.8 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).
- 6.12.9 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.
- 6.12.10 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.
- 6.12.11 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 with-hold 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.
- 6.13 In case of imported equipment: -Deleted
- 6.14 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.
- 6.15 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.
- 6.16 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.

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

6.18 **Compliance & Deviation statements:**

Compliance statement for acceptance of the Technical Specifications (Chapter-4) and Instructions & Conditions (Chapter-3, 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.

6.19 **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.

6.20 Tax deducted at Source:

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

6.21 **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 e-procurement portal <https://railtel.envida.com> only. Tenderers who are unable or unwilling to bring their tenders to conform to the requirements of the RailTel are liable to be rejected.

6.22 **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.

6.23 Bid submission & Opening (On Line only)

6.23.1 EMD and cost of tender document should be Submitted through <https://railtel.envida.com> portal only Tenderers claim exemption from submission of EMD as per clause 6.4.0 shall submit the relevant document and submit Bid Security Declaration. Bids without EMD and cost of tender document/ Bid Security Declaration and document in support of exemption will be summarily rejected.

6.23.2 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. Earnest money amounting to Rs. 1,27,000/- and cost of Tender Document Rs. 1,770/ or supporting document for exemption as per bid data sheet- clause no. 6.4.0 Chapter 6 and Bid Security Declaration as per Annexure-III
2. User's certificate as per Annexure-1
3. Land Border Declaration as per Annexure-IV
4. Deviation Statement, if any (Chapter wise and Clause wise from Technical Specification & Tender conditions) Form No. I
5. Notarised Affidavit Form No. II
6. Bidder's organisation data sheet Form No. III
7. Compliance statement for acceptance of Technical specification (Chapter 4) & Instructions and Tender Conditions (Chapter 3, 6, 7, 8).Form No. IV
8. Manufacturer Authorization form (MAF) as per Form No. V.
9. Power of attorney in favour of the signatory duly authorizing the signatory. Original copy is need to be submitted by the successful bidder before issuance of LOA/PO.
10. Complete Tender documents, digitally signed or duly signed & stamped on each page in token of acceptance should be submitted online
11. Price Bid - Cost breakup of price indicating Basic rate, Packaging & Forwarding, CGST/SGST/IGST, Insurance etc. Chapter-2.
12. Offer Letter duly signed by authorized signatory (As per Chapter-5).

- 6.23.3 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. Quantity to be ordered:

The purchaser reserves the right to increase the order quantity by a quantity not exceeding 30% of the ordered quantity on the same price and terms and conditions during the currency of the contract, with suitable delivery schedule for the enhanced quantity.

7.3 Deleted

7.4 Payment Terms:

Payment will be done after submission of the following documents:

- i. Invoice.
- ii. Delivery Challan
- iii. E-way-Bill
- iii. Contractor's certificate of dispatch
- iv. Inspection Certificate
- v. Consignee's receipt
- vi. Warranty guarantee certificate of OEM
- vii. Performance Bank Guarantee
- vii. Insurance Certificate
- ix. OEM certificate for the ordered quantity/ material supplied as per specification

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.

7.5 Inspection:

7.5.1 The supplier/manufacturer shall give a call for inspection within four weeks of issue of 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/manufacturer 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 four 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 analysed. "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.

7.10 Deleted

7.11 Deleted

7.12 The requirement of the Tendered stores may be at any location within Eastern Region.

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 Deleted

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.

7.16 **Trade Receivables Discount System (TReDS)**

TReDS feature available		Yes, on m1xchange portal. (Url: http://www.m1xchange.com)
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i. RailTel is registered with m1xchange TReDS Platform having Buyer registration "BUYER00001496". The URL for m1xchange platform is <http://www.m1xchange.com>. MSE suppliers/vendors are required to register themselves on m1change 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 availing TReDS facility.

ii. MSE vendor will bear all costs relating to availing the facility of discounting on TreDS platform including but not limited to registration chargers, Transaction chargers for financing, discounting charges, interest on financing, or any other chargers known by any name shall be borne by MSE vendor.

iii. MSE vendor hereby agree 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.

iv. RailTel shall not be liable for any special, indirect, punitive, incidental, or consequential 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.

7.17 **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 Annexure- IV, Chapter-9 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.

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. As per Clause 6.5

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 Contract 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.

8.29.0. 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 8.29.0above.

Chapter - 9

Annexure-I

QUALIFYING CRITERIA USER's CERTIFICATE

Name of the Firm Contract No. & date:

Scope of Work:

Contract Amount (in Indian Rupees):

Completion Period as per contract:

Date of Commencement:

Actual date of Successful Completion:

Quality of work: Satisfactory / unsatisfactory
(Please specify)

Name :
Dated :
Designation :
E-mail id :
Contact No. :

Annexure - II

PROFORMA FOR PERFORMANCE BANK GUARANTEE BOND

(to be in accordance with stamp act)

(To be used for Performance Guarantee value beyond Rs. 5 Lacs from approved Scheduled Commercial Bank and not from any Cooperative Bank or NBFC)

1. In consideration of the RailTel Corporation of India Limited, 19th Floor, Aurora Waterfront Building, Plot No. 34/1, Block GN, Sector-V, Salt Lake City, Bidhannagar, Kolkata-700091 (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, on 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 Kolkata (indicate detail address of local Kolkata branch with code no.) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs
3. We, bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Tenderer(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) / Tenderer(s) shall have no claim against us for making such payment.
4. 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 We shall be discharged from all liability under this Guarantee thereafter.
5. 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) / Tenderer(s).

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

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

Dated the _____ day of _____, 2024

for
(indicate the name of the Bank)

Witness:

1. Signature
Name
2. Signature
Name

Note: The claim period shall be 1 year from the date of expiry.

Annexure-III

FORMAT 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 as the bidder
being _____

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/PO, 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

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

Annexure IV

GUIDLINES REGARDING PROVISION FOR PROCUREMENT FROM A BIDDER WHICH SHARES A LAND BORDER WITH INDIA

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority [The Competent Authority for the purpose of registration under this Order shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)].
- II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- III. **"Bidder from a country which shares a land border with India" for the purpose of this Order means: -**
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- IV. **The beneficial owner for the purpose of (III) above will be as under:**
 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation-
 - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
- VI. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

Certificate to be given by the Tenderer:

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

Certificate to be given by Tenderer for Works involving possibility of sub-contracting:

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

Form-I Undertaking of No Deviation

(1) The following are the particulars of deviations from the requirements of the tender specification.

Clause	Deviation	Remarks
		(Including justification)

(2) The following are the particulars of deviations from the requirements of the instructions to Tenderers, General and Special Conditions of contract-

Clause	Deviation	Remarks
		(Including justification)

Signature and seal of the Tenderer

Note: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

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 stamp 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 Limited, Eastern Region, do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

- (i) I/We the tenderer (s), am/are signing this document after carefully reading the contents.
- (ii) I/we the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
- (iii) I/We hereby declare that I/We have downloaded the tender documents from RailTel’s website www.railtelindia.com or RailTel e-Nivida https://railtel.enivida.com Portal. I/We have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenderer’s, execution of work or final payment of the contract, the master copy available with the Railway Administration shall be final and binding upon me/us
- (iv) 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.
- (v) I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted alongwith the offer and same shall be binding upon me/us.
- (vi) I/We declare that the information and documents submitted alongwith the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents submitted by us.
- (vii) 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 year on entire Railway. Further, I/we (insert name of the tenderer)** _____ and all my/our constituents understand that my/our offer shall be summarily rejected.
- (viii) 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, alongwith forfeiture of EMD/SD and Performance Guarantee besides any other action provided in the contract including banning of business for five year on entire RailTel.

DEPONENT

SEAL AND SIGNATURE OF THE TENDERER

VERIFICATION

I/We above named tenderer 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.

Form-III Bidder's Organization data sheet.

1	Name of the Organization	
2	Name of the Authorized Person Submitting the Tender Documents (Submit the proof of authorizing the person to sign the tenders by the company on its behalf)	
3	Main line of Business	
4	Years of Experience	
5	Location (indicate address, tel.no., fax and the year from which they are operating in that location)	
6	Contact person	
7	Address	
8	Tel. No.	
9	Fax No.	
10	E-mail ID	

Form IV Undertaking of clause wise compliance.
(To be filled and signed by authorized on letter head)

Ref : Tender No. _____ Dt. _____

We have accepted and complied to all of the clauses of Tender No. _____ Dt. _____
_____ for Supply of Router, Switches, SFPs, and MPO cable as per Technical Specification.

Thanking you,

Sincerely Yours
For [FIRM NAME]
SIGN/STAMP

Authorized Signatory
Name:
Designation:
Date:

Form V - Manufacturer Authorization form (MAF)

Date

Principal Executive Director,
Eastern Region,
RailTel Corporation of India Ltd.
19th Floor, Aurora Waterfront Building,
Plot No. 34/1, Block GN,
Sector-V, Salt Lake City,
Kolkata – 700 091.

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

Ref: Tender No. _____ Dt. _____

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 the above referred bid and subsequently upon award of the bid to execute the supply 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/sagainst the above- said bid.

Thanking you,
Best regards,

Authorised Signatory

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

SN	Have you submitted the following documents?	Submitted /complied or Not	Page No./ref No. of Offer
1	Have you read and accept tender conditions? (Form-IV, Undertaking of clause wise compliance) (Clause 6.18 of Chapter 6)		
2	Cost of Tender Document amounting to Rs. 1,770/- and Earnest Money amounting to Rs. 1,27,000/- as per Tender Notice /Documentary evidence for exemption from submission of EMD & Tender Document cost alongwith Bid Security Declaration as per Annexure III (Clause no. 6.4.0 Chapter 6)		
3	Annexure-I, User Certificate as per Form. (Clause 3.3 of Chapter 3)		
4	Annexure-IV, Land border Declaration. (Clause 7.17 of chapter 7)		
5	Form No-1, Deviation Statement, if any (Chapter wise and Clause wise from Technical Specification & Tender conditions).		
6	Form No-II Notarised Affidavit		
7	Form No. III Bidder's Organisation Data Sheet		
8	Form No-V, Manufacturer Authorization form (MAF) (Clause 7.10 of Chapter 7)		
9	Power of attorney in favour of the signatory duly authorizing the signatory. (Clause 3.12, Chapter 3)		
10	Complete Tender documents digitally signed or duly signed & stamped on each page in token of acceptance should be submitted online.		
11	Price Bid - Cost breakup of price indicating Basic rate, Packaging & Forwarding, CGST/SGST/IGST, Insurance etc. Chapter 2		
12	Offer Letter duly signed by authorized signatory (As per Chapter-5)		

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				
14	SOR-14				

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 summarily rejected.

END OF THE DOCUMENT