

**NORTHERN REGION-PROJECT/RAILTEL NORTHERN REGION  
TENDER DOCUMENT**

**Tender No:** RCILNR-1920SDH10

**Closing Date/Time:** 20/02/2020 11:30

**GM/Project** acting for and on behalf of The President of India invites E-Tenders against Tender No **RCILNR-1920SDH10** Closing Date/Time 20/02/2020 11:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Bidding type</b>	Normal Tender	<b>Template</b>	Normal
<b>Contract type</b>	Goods	<b>Contract Category</b>	Expenditure
<b>Tender No</b>	RCILNR-1920SDH10	<b>Tender Type</b>	Open - Indigenous
<b>Evaluation Criteria</b>	Groupwise	<b>Bidding System</b>	Single Packet
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Tendering Section</b>	STORES		
<b>Inspection Agency</b>	CONSIGNEE	<b>Publishing Date / Time</b>	20/01/2020 15:32
<b>Procure From Approved Sources</b>	No	<b>Approving Agency</b>	Not Applicable
		<b>Closing Date Time</b>	20/02/2020 11:30
<b>Validity of Offer ( Days)</b>	45	<b>Ranking Order for Bids</b>	Lowest to Highest
<b>Tender Doc. Cost (INR)</b>	5900.00	<b>Earnest Money (INR)</b>	258900.00
<b>Tender Title</b>	Supply of STM 1/STM 4/STM 16/STM 64,NMS and other associated equipments for the OFC based communication system of RailTel Northern Region		

**2. ITEM DETAILS**

S.No.	PL Code (Group)	Item Type GST(Y/N)	Stock / NonStock	Ordering	Consider For Eval	Approving Agency	Inspection Agency	Currency Allowed	Estimated Rate
<b>Group A-Schedule of Requirement</b>									
1	1 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	<b>Description</b> :Supply of Broadband Multi Service SDH MADM equipment complete with sub rack, installation materials and all other accessories, manuals etc. configured for supporting interfaces as indicated for location type A as per specifications given in tender document (as per clause 4.5.1 of this tender document).								
	Consignee	DELHI		Delhi		3.00 Numbers			
2	2 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	<b>Description</b> :Supply of Broadband Multi Service SDH MADM equipment complete with sub rack, installation materials and all other accessories, manuals etc. configured for supporting interfaces as indicated for location type B as per specifications given in tender document (as per clause 4.5.2 of this tender document).								
	Consignee	DELHI		Delhi		6.00 Numbers			
3	3 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	<b>Description</b> :Supply of Broadband Multi Service SDH MADM equipment complete with sub rack, installation materials and all other accessories, manuals etc. configured for supporting interfaces as indicated for location type C as per specifications given in tender document (as per clause 4.5.3 of this tender document).								
	Consignee	DELHI		Delhi		28.00 Numbers			
4	4 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	

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<b>Description</b> :Supply of managed expandable 19" Rack mountable -48V DC working add/drop STM-16 SDH Equipment complete with redundant power supply, Cross connect module (15 G) with 2 Nos. of STM-16 of aggregate L16.2 Optical interface modules/cards one each for east and west side TX/RX complete with 10 m long optical patch cords and SFPs, 2 Nos. of STM-4 S4.1 optical interface modules complete with 10 m long optical patch cords and SFPs, 2 Nos. of STM-1 S 1.1 optical interface module complete with 10 m long optical patch cords and SFPs , 8 STM1 ports or 2 STM4 ports or 1 STM-16 port Card along with one no. L16.2 SFP, 2 no. of S4.1 SFP & 06 no. of S1.1 SFP, 63 E1s card , Ethernet Fabric card with L2 2xGigE +4X FE along with 02 no. of 1GiG Lx (approx.. 10 Km) SFP, order wire , Filter unit, fan unit, Subrack DDF Installation Material, manuals and other accessories complete Engineering order wire (EoW). Necessary Connecting cords and cable for power supply modules with Basic and Enhanced installation kit. All the requisite software/ licenses are required to be included. (as per clause 4.5.4 of this tender document).									
Consignee		DELHI			Delhi		5.00 Numbers		
5	5 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :Supply of managed Expandable Rack type STM-4 ADM S 4.1/L4.2 as per technical specification no. TEC GR No. TEC/GR/TX/SDH-010/03. JAN. 2011 or latest respectively with 4 direction optical STM-1/4 aggregate interface, 21 E1s and 4 nos of 10/100 Base T Ethernet port (all electrical), order wire, power supply unit, sub rack, installation material and accessories, manual etc. Two STM-4 interfaces, (one each of S4.1 and L4.2), one STM-1 interface (S1.1) and SFP optics, fourth port can be STM-1 or STM-4 as per RailTel's future requirement. The equipment should be fully wired for its ultimate capacity. Equipment should be capable of working with both -48 VDC & 230 VAC supply. The type of power supply (either AC or DC), to be supplied with each equipment) shall be intimated by RailTel with each Sub PO. (as per clause 4.5.5 of this tender document).									
Consignee		DELHI			Delhi		52.00 Numbers		
6	6 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :Supply of managed Expandable Rack type STM-1 ADM S 1.1 as per technical specification no. TEC GR No. TEC/GR/TX/SDH-004/04. JAN. 2011 or latest with STM-1 aggregate interface, 21 E1s and 4 nos. of 10/100 Base T Ethernet port, power supply unit, sub rack, installation material and accessories, manual etc. The equipment should be fully wired for its ultimate capacity. No redundancy for power supply and cross connect is required. Equipment should be capable of working with both -48 VDC & 230 VAC supply. The type of power supply card required with each equipment (Either AC or DC) shall be intimated by RailTel with each Sub PO. (as per clause 4.5.6 of this tender document).									
Consignee		DELHI			Delhi		27.00 Numbers		
7	7 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :Supply of Maintenance spares i.e. Cards/modules (including chassis, backplane etc) for item nos. 1, 2,3,4,5 and 6 to the extent of 8 % of each type, rounded off to the nearest whole no. (i.e. n.xx will be rounded off to n+1) as per technical specification and other stipulations of the tender document. Break up of the card wise unit cost, total quantity used and 8% spare quantity is to be indicated for each type of equipment.									
Consignee		DELHI			Delhi		1.00 Lot		
8	8 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :Supply, I&C of Network Management system hardware, software and wiring material etc. as per technical specifications given in tender document (as per clause 4.4)									
Consignee		DELHI			Delhi		1.00 Lot		
9	9 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :2 db Attenuator LC (For Type A)									
Consignee		DELHI			Delhi		6.00 Numbers		
10	10 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :SFP-1xGigELX (Approx.40 kms) (For Type A)									
Consignee		DELHI			Delhi		4.00 Numbers		
11	11 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :SFP-1xGigE Electrical (1000 bas TX) (For Type A, B, C)									
Consignee		DELHI			Delhi		22.00 Numbers		
12	12 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	

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<b>Description</b> :Patch Cord-LC-LC (10 M) (For Type A)									
Consignee		DELHI			Delhi		22.00 Numbers		
13	13 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :Optical Patch cord, LC-SC 10 mtrs (For Type C)									
Consignee		DELHI			Delhi		98.00 Numbers		
14	14 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :STM-16, S16.1 SFP (For Type B, C, D)									
Consignee		DELHI			Delhi		17.00 Numbers		
15	15 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :8 STM-1 OR 2 STM-4 OR 1 STM-16 CARD (Type C)									
Consignee		DELHI			Delhi		6.00 Numbers		
16	16 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
<b>Description</b> :L1.1, OC-3/ STM-1 Transceiver (For Type C)									
Consignee		DELHI			Delhi		2.00 Numbers		

**3. T AND C**

**F.O.R**

<b>Description</b>
Destination

**Delivery Period**

Description	Delivery /Completion	Rate of Supply
For all items	<b>Completion</b> : Within 60 Days	After issue of LOA.

**Payment Terms**

S.No	Description
<b>Payment Terms</b>	
1	AS per Tender

**4. ELIGIBILITY CONDITIONS**

**Special Eligibility Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per the Tender document attached.	Yes	Yes	Allowed (Mandatory)

**5. COMPLIANCE CONDITIONS**

**Check List**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS per Tender	No	No	Not Allowed

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	AS per tender	No	No	Allowed (Optional)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS per Tender	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender.	No	No	Allowed (Optional)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	a.In case bidder happens to be an eligible NSIC/MSE, the documentary evidence for same shall be submitted. b.Power of attorney in favor of the signatory duly authorizing the signatory shall be submitted in a separate envelope to the tendering authority before the due date and time of submission of the e-Tender. c. Format for Affidavit as per Form- 2 failing which BID SHALL BE SUMMARILY REJECTED. NOTE: The Bidder has to upload the Scanned copy of all above original documents as Bid-Annexures during Online Bid-Submission	No	No	Not Allowed

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS per Tender	No	No	Allowed (Optional)

**6. DOCUMENTS ATTACHED WITH TENDER**

S.No.	Document Name	Document Description
1	ETENDERSDH1.pdf	Tender Document PDF

**7. RESPONSIVENESS**

S.No.	Description
1	Validity of Offer: No deviation from the offer validity period stipulated in the tender is permitted.
2	Payment Terms: No deviation from the Payment Terms stipulated in the tender is permitted.
3	Delivery Period: No deviation from the Delivery Period stipulated in the tender is permitted.
4	Price Variation Clause: No deviation from the Price Variation Clause stipulated in the tender is permitted.

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department

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of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017.

**Digitally Signed By**

AGM/Project 1 ( KANCHAN MARTOLIA PANGTEY )