

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	19-04-2021 15:00:00
<b>Bid Opening Date/Time</b>	19-04-2021 15:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	65 (Days)
<b>Ministry/State Name</b>	Ministry Of Railways
<b>Department Name</b>	Na
<b>Organisation Name</b>	Railtel Corporation Of India Ltd
<b>Office Name</b>	Northern Region
<b>Total Quantity</b>	657
<b>Item Category</b>	Router , Layer 2 Access Switch , Small form-factor pluggable transceiver , Networking/Server Rack , Fiber Optic Patch Cord
<b>Minimum Average Annual Turnover of the Bidder</b>	17 Lakh (s)
<b>OEM Average Turnover (Last 3 Years)</b>	17 Lakh (s)
<b>Years of Past Experience required</b>	3 Year (s)
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
<b>Past Performance</b>	40 %
<b>Bid to RA enabled</b>	No
<b>Primary product category</b>	Router
<b>Time allowed for Technical Clarifications during technical evaluation</b>	4 Days
<b>Inspection Required</b>	No
<b>Estimated Bid Value</b>	3484020
<b>Evaluation Method</b>	Total value wise evaluation

**EMD Detail**

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	69680

**ePBG Detail**

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	39

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

GM/M&P

Northern Region, NA, RailTel Corporation of India Ltd, Ministry of Railways

(Vivek Porwal)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	Yes
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**MSE Purchase Preference**

MSE Purchase Preference	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a

certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 40% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

#### **8. Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives**

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer .If so requested and accepted by the seller , initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer . For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, 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 technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller 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 be made on the seller's premises and the seller shall bear and pay all costs attendant

thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the 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.

Inspector 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 like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

## Router ( 52 pieces )

**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
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### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Ungrouped	<b>Type of Router</b>	WAN
	<b>No. of Gigabit Ethernet (10/100/1000 Base-T ) Interface Ports</b>	More than 1.0 Or higher
	<b>Type of 1G SFP a. Fiber-Single Mode - 4 no. b. Fiber-Multi Mode - 2 no. c. Copper - 4 No.</b>	Any applicable numeric value
	<b>No. of 10G SFP+ Slot (Fiber / Copper)</b>	More than 0.0 Or higher
	Number of Gigabit Ethernet (10/100/1000 Base-T ) LAN Ports	More than 4.0 Or higher
	<b>Packet forwarding rate (MPPS)</b>	Any applicable numeric value
	Aggregated Throughput (Mbps)	More than 100.0 Or higher
	<b>No. of Free Slots (High density)</b>	Any applicable numeric value
	Routing Protocols from day-1	bgpigmpdhcpis-isripospfv2ospfv3
	Network Management Protocols	snmpsshcli

Specification	Specification Name	Bid Requirement (Allowed Values)
	IPsec Throughput (Mbps)	More than 50.0 Or higher
	On Site OEM Warranty (Year)	3

#### Additional Specification Parameters - Router ( 52 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-1	Router Type-I as per technical specifications of SOR-1 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sr.Manager/Stores/Delhi	110053,RailTel Office, New Delhi	36	30
2	Sr.Manager/Jabalpur	482001,RailTel Office, Jabalpur	2	30
3	Sr.Manager/Mumbai	400001,RailTel Office, Mumbai	5	30
4	Sr.Manager/Secunderabad	500003,RailTel Office, Secunderabad	3	30
5	Sr.Manager/Bengaluru	560009,RailTel Office, Bengaluru	2	30
6	Sr.Manager/Chennai	600003,RailTel Office, Chennai	1	30
7	Sr.Manager/Guwahati	781001,RailTel Office, Guwahati	1	30
8	Sr.Manager/Kolkata	700037,RailTel Office, Kolkata	1	30
9	Sr.Manager/Patna	803301,RailTel Office, Patna	1	30

#### Router ( 4 pieces )

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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#### Technical Specifications

\* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
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Specification	Specification Name	Bid Requirement (Allowed Values)
Ungrouped	<b>Type of Router</b>	WAN
	<b>No. of Gigabit Ethernet (10/100/1000 Base-T ) Interface Ports</b>	More than 1.0 Or higher
	<b>Type of 1G SFP a. Fiber-Single Mode - 4 no. b. Fiber-Multi Mode - 2 no. c. Copper - 4 No.</b>	Any applicable numeric value
	<b>No. of 10G SFP+ Slot (Fiber / Copper)</b>	More than 0.0 Or higher
	Number of Gigabit Ethernet (10/100/1000 Base-T ) LAN Ports	More than 4.0 Or higher
	<b>Packet forwarding rate (MPPS)</b>	Any applicable numeric value
	Aggregated Throughput (Mbps)	More than 200.0 Or higher
	<b>No. of Free Slots (High density)</b>	Any applicable numeric value
	Routing Protocols from day-1	bgpigmpdhcpis-isripospfv2ospfv3
	Network Management Protocols	snmpsshcli
	<b>IPsec Throughput (Mbps)</b>	More than 150.0 Or higher
	<b>On Site OEM Warranty (Year)</b>	3

#### Additional Specification Parameters - Router ( 4 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-2	Router Type-II as per technical specifications of SOR-2 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	4	30

#### Layer 2 Access Switch ( 40 pieces )

(Minimum 60% Local content required for MII compliance)

Brand Type	Registered Brand
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### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Switch	Managed
	Technology	Non PoE
	Number of 1G Copper Ports	24
	Number of 10G Copper Ports	0
	No. of 1 G SFP Port (Uplink)	4
	No. of 10 G SFP+ Port (Uplink)	0
	Multi-Gigabit Support	Yes, No
	Redundant Power supply ( from day one)	Supported
	Switching Capacity -Non Blocking (Gbps)	56
	Throughput (MPPS)	More than 41.66 Or higher
	on Site OEM Warranty	3

### Additional Specification Parameters - Layer 2 Access Switch ( 40 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-3	Switches Type-I as per technical specifications of SOR-3 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	40	30

### Layer 2 Access Switch ( 11 pieces )

(Minimum 60% Local content required for MII compliance)

Brand Type	Registered Brand
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## Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Switch	Managed
	Technology	Non PoE
	Number of 1G Copper Ports	52, 0
	Number of 10G Copper Ports	0
	No. of 1 G SFP Port (Uplink)	24
	No. of 10 G SFP+ Port (Uplink)	4
	Multi-Gigabit Support	Yes, No
	Redundant Power supply (from day one)	Supported
	on Site OEM Warranty	3

## Additional Specification Parameters - Layer 2 Access Switch ( 11 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-4	Switches Type-II as per technical specifications of SOR-4 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

## Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	11	30

## Small Form-factor Pluggable Transceiver ( 102 pieces )

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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## Technical Specifications

[\\* As per GeM Category Specification](#)



Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Transceiver</b>	SFP+
	SFP Mode	Single
	Compatability with OEMs Products	allmajoroem
	<b>On Site OEM Warranty (Year)</b>	3

#### Additional Specification Parameters - Small Form-factor Pluggable Transceiver ( 102 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-5	1G 10 km Single Fiber, single mode with LC connector as per technical specifications of SOR-5 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	102	30

#### Small Form-factor Pluggable Transceiver ( 36 pieces )

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Transceiver</b>	SFP, SFP+, QSFP+ 40G, QSFP+ 100G, SFP-BaseT 1G, SFP-BaseT 10G, X2
	Compatability with OEMs Products	msa, allmakessupportmsa
	Fibre Cable Type	smdualfiber, singlemode
	Maximum Data Rate	1000
	<b>On Site OEM Warranty (Year)</b>	3

**Additional Specification Parameters - Small Form-factor Pluggable Transceiver ( 36 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-6	1G 10 km Dual Fiber, single mode with LC connector as per technical specifications of SOR-6 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	36	30

**Small Form-factor Pluggable Transceiver ( 48 pieces )**

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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**Technical Specifications**

\* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Transceiver</b>	SFP+
	SFP Mode	Single
	Fibre Cable Type	singlecore, singlemode
	Maximum Data Rate	10000
	<b>On Site OEM Warranty (Year)</b>	3

**Additional Specification Parameters - Small Form-factor Pluggable Transceiver ( 48 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-7	10G 10 km Single Fiber, single mode with LC connector as per technical specifications of SOR-7 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	48	30

**Small Form-factor Pluggable Transceiver ( 4 pieces )****(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
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**Technical Specifications**[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Transceiver</b>	SFP+
	Fibre Cable Type	dual
	Maximum Data Rate	10000
	<b>On Site OEM Warranty (Year)</b>	3

**Additional Specification Parameters - Small Form-factor Pluggable Transceiver ( 4 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-8	10G 10 km Dual Fiber, single mode with LC connector as per technical specifications of SOR-8 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	4	30

**Networking/Server Rack ( 40 pieces )****(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
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## Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	<b>Type of Server Racks</b>	Rack Enclosures, Portable Racks
	<b>Size of Server Rack Enclosure</b>	9U
	Depth of the Rack (mm)	Upto 600
	Front glass Door	Yes
	<b>Warranty (Years)</b>	3

## Additional Specification Parameters - Networking/Server Rack ( 40 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-9	Supply of Telecom Rack (9 U 19", wall mountable with PDU & Fan) as per technical specifications of SOR-9 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>
SOR-9	Supply of Telecom Rack (9 U 19", wall mountable with PDU & Fan) as per technical specifications of SOR-9 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

## Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Gaurav Piplani	110053, 6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	40	30

## Fiber Optic Patch Cord ( 160 pieces )

(Minimum 55% Local content required for MII compliance)

Brand Type	Registered Brand
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## Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Connector type, Connector End A</b>	SC
	<b>Connector type, Connector End B</b>	LC

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Cable type</b>	Simplex, Duplex
	<b>Fiber type</b>	Single Mode 9/125 micron, Multimode 50/125 micron, Multimod 62.5/125 micron
	<b>Cable Size, Outer dia (in mm)</b>	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	<b>Cord Length (in m)</b>	5
	<b>Jacket material (Sheath material)</b>	PVC
	<b>Cable color</b>	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	<b>Operating temprature</b>	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	<b>Connector Insertion loss, Max. (in dB)</b>	0.3, 0.35
	<b>Connector Return loss , Min. (in dB)</b>	50, 55, 65
	<b>Material of Ferrule</b>	Zirconia Ceramic, PreRadiused and pre polished
	<b>Durability</b>	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

#### Additional Specification Parameters - Fiber Optic Patch Cord ( 160 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-10	Patch cord-SC/APC-LC/PC-5 mtr.. as per technical specifications of SOR-10 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	160	30

#### Fiber Optic Patch Cord ( 160 pieces )

(Minimum 55% Local content required for MII compliance)

Brand Type	Registered Brand
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#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	LC
	Connector type, Connector End B	LC
	Cable type	Simplex, Duplex
	Fiber type	Single Mode 9/125 micron, Multimode 50/125 micron, Multimod 62.5/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

#### Additional Specification Parameters - Fiber Optic Patch Cord ( 160 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
SOR-11	Patch cord-LC/PC-LC/PC , 5mtr. as per technical specifications of SOR-11 of Information to Bidder document available at <a href="http://www.railtelindia.com">www.railtelindia.com</a>

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yogendra Nath Tiwari	110053,6th Floor, 3rd Block, Delhi IT Park, Shastri Park, Delhi.	160	30

#### Buyer Added Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
3. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
4. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

5. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
6. **Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER):** Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.  
When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.
7. Scope of supply (Bid price to include all cost components) : Only supply of Goods
8. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

## Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses

shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, 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. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**