

### Bid Document

| Bid Details                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bid End Date/Time                                                     | 19-01-2021 15:00:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Bid Opening Date/Time                                                 | 19-01-2021 15:30:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Bid Life Cycle (From Publish Date)                                    | 90 (Days)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Bid Offer Validity (From End Date)                                    | 75 (Days)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ministry/State Name                                                   | Ministry Of Railways                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Department Name                                                       | Na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Organisation Name                                                     | Railtel Corporation Of India Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Office Name                                                           | Railtel Corporation Of India Ltd Kolkata                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Total Quantity                                                        | 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Item Category                                                         | Layer 2 Access Switch                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Bidder Turnover (Last 3 Years)                                        | 10 Lakh (s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OEM Average Turnover (Last 3 Years)                                   | 10 Lakh (s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Experience Criteria                                                   | 3 Year (s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MSE Exemption for Years of Experience and Turnover                    | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Startup Exemption for Years of Experience and Turnover                | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Document required from seller                                         | 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),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC)<br>*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 |
| Past Performance                                                      | 40 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Bid to RA enabled                                                     | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Time allowed for Technical Clarifications during technical evaluation | 4 Days                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Inspection Required                                                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Estimated Bid Value                                                   | 1993321                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Evaluation Method                                                     | Total value wise evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### ePBG Detail

|               |                     |
|---------------|---------------------|
| Advisory Bank | State Bank of India |
|---------------|---------------------|

|                                     |      |
|-------------------------------------|------|
| ePBG Percentage(%)                  | 3.00 |
| Duration of ePBG required (Months). | 26   |

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

#### **Beneficiary:**

Executive Director

RailTel corporation of India Ltd 3rd & 16th Floor, Chatterjee International Centre, 33A Jawaharlal Nehru Road, Kolkata - 700071

(Arun Michael)

#### **Splitting**

Bid splitting not applied.

#### **MII Purchase Preference**

|                         |     |
|-------------------------|-----|
| MII Purchase Preference | Yes |
|-------------------------|-----|

#### **MSE Purchase Preference**

|                         |     |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. 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.

2. 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.

3. 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.

4. 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.

5. 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.

## Layer 2 Access Switch ( 135 pieces )

(Minimum 50% Local content required for MII compliance)

### Technical Specifications

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

| Specification | Specification Name                      | Bid Requirement (Allowed Values) |
|---------------|-----------------------------------------|----------------------------------|
| Specification | Type of Switch                          | Managed                          |
|               | Technology                              | PoE+                             |
|               | Number of 1G Copper Ports               | 8                                |
|               | Number of 10G Copper Ports              | 0                                |
|               | No. of 1 G SFP Port (Uplink)            | 2                                |
|               | No. of 10 G SFP+ Port (Uplink)          | 0                                |
|               | Multi-Gigabit Support                   | No                               |
|               | Redundant Power supply ( from day one)  | Not available                    |
|               | Switching Capacity -Non Blocking (Gbps) | 20                               |
|               | Throughput (MPPS)                       | More than 14.88 Or higher        |
|               | PoE Power Budget ( Watt )               | 130                              |
|               | on Site OEM Warranty                    | 3                                |

### Additional Specification Parameters - Layer 2 Access Switch ( 135 pieces )

| Specification Parameter Name                                                                                                                                              | Bid Requirement (Allowed Values)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (i) Design (ii) Port trunking (iii) Flow control (iv) Spanning tree control/RSTP support (v) Management features(vi) Auto MDI-II/MDI-X uplink (vii) VLAN, Priority queues | (i) Designed for continuous operations (ii) Support Port trunking at least 2 GE ports. (iii) Support for 802.3x flow control (iv) Support 802.1D spanning tree control/RSTP support (v) Should support management features like Web-based GUI, SNMP, TFTP Client, System Log, DHCP/ BootP Client & Dual Images and Should support Optical Transceiver Digital Diagnostic Monitoring(vi) Should support Auto MDI-II/MDI-X uplink for all the twisted pair ports (vii) Support 802.1Q VLAN, 802.1p Priority queues. |
| (viii) Port Mirroring (ix) Jumbo frame (x) Entries in the MAC table (xi) IGMP Snooping (xii) VLAN Support (xiii) Spanning-tree root guard                                 | (viii) Support port mirroring (ix) Support jumbo frame (9216 Byte). (x)Should support at least 8000 entries in MAC table (xi) Should support IGMP Snooping, IGMP v1/v2/v3 awareness Snooping, Supports 64 Groups & IGMP Snooping Querier. (xii) Support Port-based VLAN, 802.1Q Tagged VLAN & Voice VLAN along with Management VLAN (xiii) Support spanning-tree root guard or similar functionality                                                                                                              |
| (xiv) Spanning-tree Port Fast guard for fast convergence (xv) LLDP or similar functionality (xvi) AC Power Supply (xvii) IEEE 802.3af & IEEE 802.3 (xviii) Surge          | (xiv) Should support spanning-tree Port Fast guard for fast convergence or similar functionality (xv) Should support LLDP or similar functionality (xvi) Should have AC Power Supply 100 to 240 V AC with 50 to 60 Hz and equipped with 3 pin plug (xvii) Switch should support IEEE 802.3af & IEEE 802.3at on Ethernet ports (xviii) Switch should support Surge Protection to $\pm 2$ kV (line-earth) and $\pm 1$ kW (line-line) on                                                                             |

|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection                                                                                                                                                 | power input and Surge Protection to $\pm$ 2kV on Ethernet ports                                                                                                                                                                                                                                                                                                                                                                                                           |
| (xix) Security Features (xx) Quality Of Service (QoS) (xxi) Operating Temperature (xxii) Storage Temperature                                               | (xix) Should support security features like SSL (HTTPS), Broadcast/Multicast/ Unicast Storm Control, DoS Attack Prevention (xx) Should support Quality Of Service (QoS) like Priority Queue, Class of Service (CoS), Rate Limiting (Bandwidth Control), Strict Priority Queue (SPQ), Weighted Round Robin (WRR). (xxi) Operating Temperature should be min -0 to 45 °C (23 to 113 °F) (xxii) Storage Temperature of the Switch should be min -40 to 70 °C (14 to 158 °F). |
| (xxiii) ISO 9000 & ISO 14000 certification ISO 9000 & ISO 14000 certification (xxiv) EMI Certificate (xxv) Safety Certificate (xxvi) Rack Mountable clamps | (xxiii) OEM should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid" OR OEM should have figured in latest Gartner Report in field of Ethernet Switches (xxiv) Should have EMI Certificate of FCC/IC / CE or equivalent (xxv) Should have Safety Certificate of UL or equivalent (xxvi) Rack Mountable clamps for standard 19 inch Rack for each item                                                                                      |

\* 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     | Bandaru Manohar             | 751023,1st Floor, Annex Building, B-Block, Rail Vihar, Chandrasekharapur, Bhubaneswar                                                  | 26       | 15            |
| 2     | Ravi Kumar                  | 495001,RailTel Corporation of India limited Microwave Building, Wireless Colony, Railway Area, Bilaspur (C.G.)- 495001 M +919752091537 | 31       | 15            |
| 3     | Amit Kumar Kosta            | 700001,RCIL, 2nd Floor, New Koilaghat Building, 14 Strand Road                                                                         | 78       | 15            |

### Bid Specific Additional Terms and Conditions

- 1.Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
- 2.IT equipment shall be IPv6 ready from day one.

#### 3.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.

- 4.Scope of supply includes Training: Number of employees to be trained 10 , Place for Training Kolkata and Duration of training 1 days.

- 5.Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

- 6.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.

- 7.**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.

8. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of RailTel Corporation of India Limited A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.
9. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers 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 50%. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
10. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
11. 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.

#### 12. Commercial Experience Eligibility Criteria:

For experience, the order(s) executed by the bidder, during the last five years ending on the last day of the month immediately preceding the month in which the last date of bid submission falls, should be considered as under:

Three orders each executed for similar item(such as Access Switch) where executed value is not less than the amount equal to 30% of the estimated cost.(i.e Rs. 597996)

OR

Two orders each executed for similar item(such as Access Switch) where executed value is not less than the amount equal to 40% of the estimated cost.(i.e Rs. 797328)

OR

One order executed for similar item(such as Access Switch) where executed value is not less than the amount equal to 50% of the estimated cost.(i.e Rs. 996661)

The last date of order execution may fall in the above mentioned period.

13. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
14. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[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---**