

Information to Bidder for the “Deployment of UDN service at Delhi and Bangalore for RailTel Corporation of India Ltd”

Ref: GeM Bid No. GEM/2020/B/564513 dtd 25.02.2020

1. The item/items in this bid should be quoted as per the technical specifications given in GeM Bid and ATC document. The details of the specifications along with complete consignee/site details are also available on website www.railtelindia.com)

Dell BoM for Each Compute Server (Delhi and Bangalore) Annexure-I	
Description	Quantity
Compute (SLB) - 4HRMC	
OEM PowerEdge R640 XL Server	1
PowerEdge R640 Motherboard	1
Intel Xeon Gold 6130 2.1G, 16C/32T, 10.4GT/s , 22M Cache, Turbo, HT (125W) DDR4-2666	1
Intel Xeon Gold 6130 2.1G, 16C/32T, 10.4GT/s , 22M Cache, Turbo, HT (125W) DDR4-2666	1
iDRAC Group Manager, Disabled	1
iDRAC, Legacy Password	1
2.5 Chassis with up to 10 Hard Drives and 3PCIe slots	1
Dell EMC Luggage Tag for x10	1
Standard Bezel	1
Riser Config 2, 3x16 LP	1
No Quick Sync	1
Performance Optimized	1
2666MT/s RDIMMs	1
DIMM Blanks for System with 2 Processors	1
16GB RDIMM, 2666MT/s, Dual Rank	16
iDRAC9, Enterprise	1
IDSDM and Combo Card Reader	1
Redundant SD Cards Enabled	1
32GB microSDHC/SDXC Card	2
960GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 5256 TBW	2
PERC H740P RAID Controller, 8GB NV Cache, Mini card	1
Standard 1U Heatsink	2
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	1
Jumper Cord, 10A, 2M, C13/C14 (India BIS)	2

No Trusted Platform Module	1
Intel XXV710 Dual Port 25GbE SFP28 PCIe Adapter, Low Profile	1
Intel X710 DP 10Gb DA/SFP+, + I350 DP 1Gb Ethernet, Network Daughter Card	1
ReadyRails Sliding Rails With Cable Management Arm	1
Unconfigured RAID	1
OME Server Configuration Management	1
Performance BIOS Settings	1
8 Standard Fans for R640	1
No Operating System	1
No Systems Documentation, No OpenManage DVD Kit	1
3Yr ProSupport and 4hr Mission Critical	1

Dell BoM for Each Cache Server (Delhi and Bangalore) Annexure-II	
Description	Quantity
Cache - 4HRMC	
OEM PowerEdge R640 XL Server	1
OEM PowerEdge R640 XL Motherboard	1
Intel Xeon Gold 6140 2.3G, 18C/36T, 10.4GT/s 2UPI, 24.75M Cache, Turbo, HT (140W) DDR4-2666, OEM XL	1
iDRAC Group Manager, Disabled	1
iDRAC,Legacy Password	1
2.5 Chassis with up to 10 Hard Drives and 3PCIe slots	1
Brand/Bezel, Standard OS, Dell Branded, PowerEdge R640 XL, 10 Drive Chassis	1
Riser Config 4, 2x16 LP	1
No Quick Sync	1
Performance Optimized	1
Blank for 1CPU Configuration	1
32GB RDIMM 2666MT/s Dual Rank	8
2666MT/s RDIMMs	1
iDRAC9,Enterprise	1
Redundant SD Cards Enabled	1
32GB microSDHC/SDXC Card	2
IDSDM and Combo Card Reader	1
1.92TB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 10512 TBW	10
PERC H330 RAID Controller, Minicard	1
Mellanox ConnectX-4 LX Dual Port 10/25GbE SFP28 Adapter, PCIe Low Profile	1
Standard 1U Heatsink	1
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	1
Jumper Cord,10A,2M,C13/C14 (India BIS)	2
No Trusted Platform Module	1
Intel X710 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE, rNDC	1
ReadyRails Sliding Rails With Cable Management Arm	1
Unconfigured RAID	1
Performance BIOS Settings	1
5 Standard Fans for R640	1
No Operating System	1
No Systems Documentation, No OpenManage DVD Kit	1
ProSupport 4HR Mission Critical Initial, 39 Month(s)	1

Juniper BoM for Each Location (Delhi and Bangalore) Annexure-III

SKU	Description	Quantity
Juniper QFX5200-48Y-AFI		1
QFX5200-48Y-AFI	48x25G+6x100G 1U AC airflow in	1
Juniper EX2300-48T		1
EX2300-48T	EX2300 48-port	1
Juniper SRX345		1
SRX345-SYS-JB-2AC	SRX345-2AC HW & Junos Base (JSB)	1
Juniper Support		
PAR-ND-QFX52-48Y	PSS Next Day Support for QFX5200-48Y - 36 Month	1
PAR-ND-EX23-48T	PSS Next Day Support for EX2300-48T -36 Month	1
PAR-ND-SRX345B2A	PSS Next Day Support for SRX345-SYS-JB-2AC - 36 Month	1

Miscellaneous Item (Supply, Installation and Commissioning)

SKU	Description	Quantity
Transceivers		13
QFX-SFP-10GE-LR	Juniper Networks QFX-SFP-10GE-LR Compatible 10GBASE-LR SFP+ 1310nm 10km DOM Transceiver Module	3
QFX-SFP-1GE-T	Juniper Networks QFX-SFP-1GE-T Compatible 1000BASE-T SFP Copper RJ-45 100m Transceiver Module	2
JNP-SFP-25G-DAC-3M	3m (10ft) Juniper Networks JNP-25G-DAC-3M Compatible 25G SFP28 Passive Direct Attach Copper Twinax Cable	8
Perle IOLAN STG8		1
	8-Port Terminal Server RS232 10/100/1000	1
Cabling		
	DBA0031 IOLAN - RJ45M to RJ45F Sun/Cisco crossover adapter	5
	Tripp Lite Keyspan High-Speed USB-A to Serial Adapter, PC & Mac	1
	1m (3ft) LC UPC to LC UPC Duplex 2.0mm LSZH 9/125 Single Mode Fiber Patch Cable	3
	6ft (1.8m) Cat5e Snagless Unshielded (UTP) PVC CM Ethernet Network Patch Cable, Blue	2
	6ft (1.8m) Cat5e Snagless Unshielded (UTP) PVC CM Ethernet Network Patch Cable, Blue	8
	10ft (3m) Cat5e Snagless Unshielded (UTP) PVC CM Ethernet Network Patch Cable, Blue	8
	Power cord (Indian Standard)	Qty as per supplied equipment.
Misc		
	SanDisk 16GB Ultra Fit CZ43 USB 3.0 Flash Drive	2
	Black Velcro Brand One-Wrap Straps, 45/roll	2
	2RU NetManager Horizontal Cable Manager	1
	Rackmount 2U Rack 2" Extender for 19" or 23" Rack Cabinet / Wall mount cabinet (1 Pair)	1

2. 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.
3. OEM or Authorized distributor/Partner of OEM should have a registered office in India to provide sales and 24x7 support in India. The certificate to this effect should be submitted. The bidder should be either OEM or his authorized dealer/distributor.

In case of the authorized distributor/partner certificate from the OEM to this effect should be submitted. If OEM is quoting then OEM should submit the certificate.

(This is required to meet the special requirement of RailTel/Indian Railways for passenger safety and aminity)

4. Bidder shall upload and submit the detailed BOM and complete data sheets of the equipment's and give a certificate that the uploaded data sheet and BOM is as per the OEM.

5. Tender Cost & Earnest Money Deposit (EMD)/ Bid Security:

5.1 Tender Cost: Estimated cost of the Tender is **Rs 1,13,20,907/-**

5.2 Earnest Money Deposit (EMD)/ Bid Security: Rs 2,30,595/- in the form of Pay Order/Demand Draft/BG drawn in favor of RailTel Corporation of India Ltd. payable at New Delhi. The Bid received without EMD will be summarily rejected.

6. Eligibility Criteria for OEM:

The bidder should upload following certificate along with the bid:

a. The Equipment offered by the OEM or equipment of the same series/family from the same OEM should have been satisfactorily working in Government/PSUs/Telecom Service Providers network for at least 12 months as on opening of bid, in India or Abroad. The certificates from the actual users will have to be submitted online.

b. The OEM have proven facilities for Engineering, manufacture, assembly, integration and testing of Server 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.

c. The OEM should have supplied at least 35% of the tendered quantity of the equipment offered or equipment of the same series/family during last preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid to Government/PSUs/Telecom Service Providers. OEM should submit self-certificate with proper contact detail of clients along with quantities supplied (Firm Name, Contact person, Designation, Telephone Number, Fax, Official mail id etc.). The same should be issued by authorized signatory.

7. Eligibility Criteria for Bidder

- a. The tenderer should have executed order of supply/ provision of Telecom equipment like (Server/Router/Switches) during last preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following:

(A) Single order of atleast 35% of tendered value.

OR

(B) Two orders of atleast 20% each of tendered value.

OR

(C) Three orders of atleast 15% each of tendered value.

Satisfactory Performance certificate issued by customer/s for the Purchase Orders/ Work Orders should be enclosed.

(b) Bidder should submit the OEM certificate to have authorization from respective OEM .

8. Payment Conditions :-

- i. 100% payment against full supply OR Supply, Installation & Commissioning .
- ii. 80% payment against part supply OR Supply , Installation & Commissioning of the completed part as the case may be. In case bidder completes the supply order or order for supply , installation and commissioning as the case may be, for one Region , he can claim part payment of 80% against each Region's completed supply / completed installation & Commissioning of the said Region. Balance payment shall be made after full supply or full installation & commissioning. The following documents are to be submitted for payment:
- a. Original Invoice
 - b. Delivery Challan
 - c. Original Consignee receipt with GRN No.
 - d. Original Inspection Certificate
 - e. Insurance Certificate.
 - f. Warranty Certificate of OEM
 - g. Copy of BG

- h. Certificate of receipt of Goods & installation thereof from RailTel.

9. Pre Dispatch Inspection

The bidder shall give a call for pre dispatch inspection within a week of issue of PO when the material is ready to be supplied and ready for inspection. The Inspection shall be carried by Railtel/RailTel nominated agency .

10. On line Submissions:

The bidder is required to upload and submit the following documents on line before due date & time of bid. The due date & time for closing of the bid is 15:00 Hrs of 06.03.2020 and the bid will be opened at 15:30 Hrs of 06.03.2020.

- i. EMD
- ii. BOQ of offered equipment.
- iii. Clause wise compliance along with all mentioned documents/annexures for all clauses of GeM Bid and ATC documents.
- iv. Data Sheet of offered equipment.
- v. Financial (Certified copies of audited balance sheets/annual reports of last three preceding financial years) and Technical Eligibility Criteria documents.
- vi. Technical Compliance of all Specification of items as per GeM Bid and ATC documents (Annexure-I).
- vii. Certificate from the End user against the Eligibility criteria for OEM para 6.
- viii. Proof of document required against Eligibility criteria of OEM and Bidder vide para 6 & 7 respectively.
- ix. MAF/OEM Authorization

Note: 1) Non submission of any document online within the prescribed time will make the bid to be summarily rejected

2) The bidder has to submit the hardcopy of the EMD document submitted on line within three working days from the date and time of opening of the bid to the RailTel Corporate Office, 6th floor, Tower II, NBCC Building, East Kidwai Nagar, Kidwai Nagar, New Delhi-110023.

3) The bidder is required to give acceptance of all the clauses mentioned in the “**Information to the Bidders**” document is mandatory. Any deviation / non-acceptance may lead to rejection of the bid.

4) Information to Bidder viz. corrigendum /addendum/ amendments etc. for this bid shall be posted on www.railtelindia.com only.

5) This bid is governed by the Specific Additional Terms & Conditions and General Terms & Conditions laid down by the GeM against **GeM Bid No: GEM/2020/B/564513 dtd 25.02.2020**

Annexure-A, SOR

The details of the specifications are available on website www.railtelindia.com

Schedule of Requirement for the UDN deployment at Delhi and Bangalore			
SN	Description	Unit	Qty
1	Dell server for Compute (SLB)-4HRMC (BoM as per Annexure-I)	No.	2
2	Dell Server for Cache -4HRMC(BoM as per Annexure-II)	No.	4
3	Juniper QFX-5200 along with three years next day support (BoM as per Annexure-III)	No.	2
4	Juniper EX2300 along with three years next day support (BoM as per Annexure-III)	No.	2
5	Juniper SRX345 along with three years next day support (BoM as per Annexure-III)	No.	2
6	Installation and commissioning and other miscellaneous items (Including supply of misc. Items given in Annexure-III)	Lumpsum	1

(Jagdeep Singh)
Executive Director/Project
For & on behalf of RailTel Corporation of India Ltd.
