

Ref. : GEM Bid No. GEM/2024/B/4596895 Dt. 08.02.2024

Name of the work : Supply of Switches, SFPs, Routers, online UPS, Firewall, POE Injector and Wireless Access Point at Kolkata, Guwahati and Patna for RailTel Corporation of India Ltd., Eastern Region

In reference to the above referred GeM Bid, the following corrigendum-1 is issued with the approval of competent authority:

| Bid Specific Additional Terms & Conditions Annexure-I, Technical Specification | SN of Technical Specification | Existing Entry | To be corrected and read as |
|--|-------------------------------|--|---|
| SOR-1, 1G SFP 10 Km. Dual Fiber | 12 | Should support 9.83G to 11.32 Gb/s Multi-Rate & 2-wire interface for management and diagnostic monitor compliant with SFF-8472 | Deleted |
| SOR-2, 1G SFP, 20 Km. Dual Fiber | 6 | Transmitted optical power: 0 ~ -5dBm | Transmitted optical power: -7 ~ 0 dBm. |
| | 12 | Should support 9.83G to 11.32 Gb/s Multi-Rate & 2-wire interface for management and diagnostic monitor compliant with SFF-8472 | Deleted |
| SOR-3, 1G SFP, 40 Km. Dual Fiber | 6 | Transmitted optical power: 0 ~ +4dBm | Transmitted optical power: -6 ~ 0 dBm |
| SOR-7, 10G SFP+, 40 Km. Dual Fiber | 6 | Transmitted optical power: 0 ~ +4dBm | Transmitted optical power: -1 ~ +2 dBm |
| SOR-9, 1G SFP, 20 Km. Bi-Di | 6 | Transmitted optical power: 0 ~ -5 dBm | Transmitted optical power: -9 ~ -3 dBm. |
| SOR-10, 1G SFP, 40 Km. Bi-Di | 6 | Transmitted optical power: 0 ~ +4dBm | Transmitted optical power: -6 ~ -3 dBm |

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रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड (भारत सरकार का एक उपक्रम, रेल मंत्रालय)

पूर्वी क्षेत्र : 19वीं मंजिल, अरोरा वाटरफ्रंट बिल्डिंग, प्लॉट नंबर- 34/1, ब्लॉक - जी एन, सेक्टर V, साल्ट लेक सिटी, कोलकाता-700091, पश्चिम बंगाल

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

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| SOR-11, 1G SFP, 80 Km. Bi-Di | 6 | Transmitted optical power : 0 ~ +5dBm | Transmitted optical power : -3 ~ +1 dBm |
| SOR-13, 10G SFP+, 40 Km. Bi-Di | 6 | Transmitted optical power: 0 ~ +4dBm | Transmitted optical power: -1 ~ +4dBm |
| SOR-17 Managed L2 Switch Type-I | 5 | • ZModem | Deleted |
| | | • DHCP relay Option 60, 61, and 82 | Deleted |
| | | • Multiple image | Deleted |
| | | • Microsoft® NLB (Network Load Balancing) support (supports IPv4) | Deleted |
| | | • Zero Touch Provisioning (ZTP) | Deleted |
| | | • Flow | Deleted |
| | | • (DNA) | Deleted |
| 7 | 7 | • PD Alive | Deleted |
| | | • Protocol (DDP) | Deleted |
| | | IEEE 802.3ad: Link Aggregation Control Protocol (LACP), Link Aggregation • 802.3ad (LACP) supPort : - Number of LAGs supPorted: 50 - Maximum number of Port s per LAG: 4 • Tagged Port s supPort in LAG • Uplink failure detection. | IEEE 802.3ad: Link Aggregation Control Protocol (LACP), Link Aggregation • 802.3ad (LACP) supPort |
| 25 | 25 | Operations, Administration, and Management (OAM) • Cable diagnostics • 802.3ah Ethernet Link OAM • Dying Gasp • 802.1ag Connectivity Fault Management (CFM) • Y.1731 OAM | Deleted |
| SOR-18 Managed L2 Switch Type-II | 6 | • ZModem | Deleted |
| | | • Multiple image | Deleted |
| | | • Microsoft® NLB (Network Load Balancing) support (supports IPv4) | Deleted |
| | | • Zero Touch Provisioning (ZTP) | Deleted |
| | | • sFlow | Deleted |
| | | • Network Assistant(NA) | Deleted |
| | | • PD Alive | Deleted |
| | • Discovery Protocol (DP) | Deleted | |
| 8 | 8 | Basic Layer-3 Protocol from day 1: Static Routing, RIPv1, RIPv2, BGP, OSPFv2, OSPFv3, RIPng, PBR. | Deleted |



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| | 9 | Layer-3 Protocol from day 1: OSPFv2, OSPFv3, PBR, BGP, BGP4, IS-IS, IS-ISv6, PIM-SM, PIM-SSM, PIM-DM | Deleted |
| | 10 | SupPort Layer-3 Protocol from day 1: MPLS, BGP, BGP4, IS-IS, IS-ISv6, PIM-SM, PIM-SSM, VRF Lite, VRF, PIM-DM, VRRP | Deleted |
| | 13 | Minimum RAM 1024 MB | Minimum RAM 256 M |
| | 14 | Minimum Flash Memory 1024 MB | Minimum Flash Memory 16M |
| | 15 | Minimum 12 K MTU | Minimum 9 K MTU |
| | 30 | Flex link | deleted |
| | 32 | Operations, Administration, and Management (OAM) • Cable diagnostics • 802.3ah Ethernet Link OAM • Dying Gasp • 802.1ag Connectivity Fault Management (CFM) • Y.1731 OAM | Operations, Administration, and Management (OAM) • Cable diagnostics • 802.3ah Ethernet Link OAM • 802.1ag Connectivity Fault Management (CFM) • Y.1731 OAM |
| | 33 | New addition | PoE with min. 370W PoE Power Budget. |
| SOR-19 Managed L2 Switch Type- III | 6 | • ZModem | Deleted |
| | | • Supports Probe Config Group | Deleted |
| | 7 | • Multiple image | Deleted |
| | | • Microsoft® NLB (Network Load Balancing) support (supports IPv4) | Deleted. |
| | | • Zero Touch Provisioning (ZTP) | Deleted. |
| | | • sFlow | Deleted. |
| | | • Network Assistant(NA) | Deleted. |
| | | • PD Alive | Deleted. |
| | 26 | Operations, Administration, and Management (OAM) • Cable diagnostics • 802.3ah Ethernet Link OAM • Dying Gasp, 802.1ag Connectivity Fault Management (CFM) • Y.1731 OAM | Operations, Administration, and Management (OAM) • Cable diagnostics • 802.3ah Ethernet Link OAM • 802.1ag Connectivity Fault Management (CFM) • Y.1731 OAM |
| | 27 | New addition | EMI CERTIFICATE of FCC/IC /CE or equivalent |
| 28 | New addition | SAFETY CERTIFICATE of UL/ EN60950/IEC60950 or equivalent | |
| SOR-23 Router type-I | 3 | 2 x GE-TX and 2xGE SFP | Minimum 2 x 1G (Optical & Electrical) |
| | 4 | 8 x GE-TX | 8 ports (Minimum 4 X 1G Optical & 4 X 1G Electrical) or 8 Electrical Port (base 10/100/1000 Mbps) |
| | 7 | 3MPPS | ≥ 2.5 MPPS or equivalent GBPS |
| | 8 | 32MB | 32 MB to 2GB or above |



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| | 9 | 1GB | 512 MB to 1GB or above |
| | 10 | < 300 K | ≥ 64 K or above |
| | 11 | ≤ 31W | 15W to 32W |
| | 19 | NetFlow, IP Accounting, IP SLA | NetFlow, IP Accounting, IP SLA or RPM Prob |
| | 26 | -10°C~50°C | 10°C~40°C |
| SOR-24 Router type-II | 3 | 4xGE-TX & 4xGE SFP | Minimum 4 X 1G Optical & 4 X 1G Electrical |
| | New Addition | -- | 8ports (Minimum 4 X 1G Optical & 4 X 1G Electrical) or 8 Electrical Port (base 10/100/1000 Mbps) |
| | 6 | 5MPPS | 5MPPS or Equivalent GBPS |
| | 7 | 32 MB | 32 MB to 2GB or above |
| | 8 | 1 GB | 1GB or above |
| | 9 | < 350 K | ≥ 200 K |
| | 10 | ≤ 15 W | 15 W to 25 W |
| | 37 | NetFlow, IP Accounting, IP SLA | NetFlow, IP Accounting, IP SLA or RPM Prob |
| | 76 | -10°C~50°C | 10°C~40°C |

| As given in the GeM Bid wherever it appears | To be corrected and read as: |
|---|---|
| 1. Bid End Date/Time: 29.02.2024 14:00:00 | 1. Bid End Date/Time: 14.03.2024 15:00:00 |
| 2. Bid Opening Date/Time: 29.02.2024 14:30:00 | 2. Bid Opening Date/Time: 14.03.2024 15:30:00 |

Eligibility Criteria of Startup (recognized by Department of Industrial Policy and Promotion, Ministry of Commerce and Industry) is relaxed as follows :

1. Technical Eligibility Criteria


The bidder should have executed order during the last preceding 3 financial years as on opening of bid, as per following:

- (A) Single Order of at least 35% of the tendered value
OR
- (B) Two orders of at least 20% each of tendered value
OR
- (C) Three orders of at least 15% each of the tendered value

2. Financial Eligibility Criteria:

The Bidder should have annual turnover of minimum 50% of the tendered value or above during the preceding 3 financial years as on opening of bid.

All other terms and conditions specifications remains the same.


 (P D James)
 DGM/Contracts
 for RailTel Corporation of India Ltd.

