

Dated: 01-12-2023

**RailTel Corporation of India Ltd**  
**(A Government of India Enterprise)**  
**Plate-A, 6th Floor, Office Tower-2,**  
**NBCC Building, East Kidwai Nagar,**  
**New Delhi-110023**  
Website: [www.railtelindia.com](http://www.railtelindia.com)

### Corrigendum -III

**Sub:** Tender for “Supply of TDM over IP Solution, Servers, Switches, SFP and virtual route reflector”  
**Ref:** This office E-Tender No. [GEM/2023/B/4147911](#) dt- 31.10.2023

In reference to the Tender for the “Supply of TDM over IP Solution, Servers, Switches, SFP and virtual route reflector” against GeM Bid no. [GEM/2023/B/4147911](#) dt- 31.10.2023, all are advised to note the following changes in the ATC of tender:

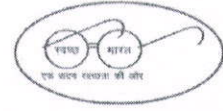
1:

Sr. N.	ATC clause No	Old clause of ATC/Modified in Corrigendum	Revised clause in corrigendum
1	Annexure-1, clause no- 2.1.A, SN-1 Technical Specification (SOR Item No-1) (Page-24)	Router/Metro Ethernet Equipment should support minimum 4x10G SFP+ port & 8x1G SFP Equipped with two no's of Single mode fiber optics of Long Haul (60km) and Smart SFP modules (Channelized STM-1).	Router/Metro Ethernet Equipment should support minimum 4x10G SFP+ port & 8x1G SFP, Equipped with two no's of 10G SFP+ Single mode Fiber optics of Long Haul (60km) and one no of Smart SFP modules (10 Km) (Channelized STM-1)
2	Annexure-1, Clause no- 2.1.H, SN-12 (SOR Item No. 5 & 6) (Page-33)	Customer References for the proposed solution deployments with atleast 2 telecom service provider customers	Customer References for the proposed solution deployments with atleast 1 telecom service provider customers, OEM undertaking/user certificate should be provided along with offer.
3	Clause no-27(ii). Insurance Page-20)	It may be noted that the beneficiary of the insurance policy should be RailTel or the policies should be pledged in favor of RailTel. The contractor shall keep the policy/policies current till the equipment are handed over to the purchaser.	Deleted

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**RailTel Corporation of India Ltd. (A Government of India Undertaking)**  
CIN : U64202DL2000GOI107905

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Sr. N.	ATC clause No	Old clause of ATC/Modified in Corrigendum	Revised clause in corrigendum
4	Annexure-III (Page-35)	We hereby authorise M/s ..... (bidder name), Office ..... to participate in bid and subsequently upon award of the bid to execute the supply and Installation & Commissioning of our range of products against your above said bid. We further extend our warranty for ..... years for our range of products offered by M/s .....against the above-said bid.	We hereby authorise M/s ..... (bidder name), Office ..... to participate in bid and subsequently upon award of the bid to execute the supply of our range of products against your above said bid. We further extend our warranty for ..... years for our range of products offered by M/s .....against the above-said bid.
5	Clause no-7.1 Delivery period (Page 1)	The supplier will have to supply the material within 120 days from the date of issue of the confirmed PO. If material is not supplied within the approved delivery period, then penalty of 0.5% of undelivered/uninstalled quantity per week to the maximum 10% of the contract value will be levied. The material will be delivered to CNOG for configuration. After configuration, it's the bidder's responsibility to dispatch/deliver the materials to the locations decided by RailTel.	The supplier will have to supply the material within 120 days from the date of issue of the confirmed PO. If material is not supplied within the approved delivery period, then penalty of 0.5% of undelivered/uninstalled quantity per week to the maximum 10% of the contract value will be levied. it's the bidder's responsibility to dispatch/deliver the materials to the locations decided by RailTel.
6	Annexure-1, clause no- 2.1.H. SN-1 Software Requirement (SOR Item No-5 & 6). Page-31	Proposed solution should be Container based	Proposed solution should be Container / VM based
7	Annexure-1, clause no- 2.1.H. SN-2 Protocol Support (SOR Item No-5 & 6). Page-32	RR must support BGP sharding for faster Convergence	Deleted
8	Annexure-1, clause no- 2.1.H. SN-4 Scalability (SOR Item No-5 & 6). Page-32	RR must be scalable up to 200M RIB by adding server resources	RR must be scalable up to 8M RIB by adding server resources
9	Annexure-1, clause no- 2.1.H. SN-4 Scalability (SOR Item No-5 & 6). Page-32	RR shall be capable of supporting minimum 20M VPNv4/IPv4/ipv6/vpvn6/LU routes	RR shall be capable of supporting minimum 8M VPNv4/IPv4/ipv6/vpvn6/LU routes

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Sr. N.	ATC clause No	Old clause of ATC/Modified in Corrigendum	Revised clause in corrigendum
10	Annexure-1, clause no-2.1.B. (Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	B. (SOR Item No-1) Technical Specification of Smart SFP modules (Channelized STM-1)	Deleted
11	Annexure-1, clause no-2.1.B. SN-1(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Smart SFP modules (Channelized STM-1) should comply with multi-source agreement (MSA) and compatibility with offer Router/Metro Ethernet Equipment.	Deleted
12	Annexure-1, clause no-2.1.B. SN-2(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Smart SFP modules should support TDM traffic over Packet switched networks using Smart SFP transceivers.	Deleted
13	Annexure-1, clause no-2.1.B. SN-3(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should support 10 km optical distance (1550 or 1310 nm).	Deleted
14	Annexure-1, clause no-2.1.B. SN-4(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should have LC type connector	Deleted
15	Annexure-1, clause no-2.1.B. SN-5(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should have SDH STM-1 capacities on single mode fiber.	Deleted
16	Annexure-1, clause no-2.1.B. SN-6(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should support DDMI feature.	Deleted

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17	Annexure-1, clause no-2.1.B. SN-7(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid.	Deleted
18	Annexure-1, clause no-2.1.B. SN-8(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Should have CE and FCC regulatory compliances.	Deleted
19	Annexure-1, clause no-2.1.B. SN-9(Technical Specification of Smart SFP modules (Channelized STM-1) Page-29	Operating Temperature of the SFP Should be mini 0 to 65 °C (23 to 149 °F)	Deleted
20	Annexure-1, clause no-2.1.C.(Technical Specification of Smart SFP modules (Channelized STM-4) Page-29	C. (SOR Item No-2) Technical Specification of Smart SFP modules (STM-4)	C. (SOR Item No-2) Technical Specification of Smart SFP modules (STM-4). Bidder can quote third party optics/solution for smart module (channelised STM-4) however it should be fully compatible with offered solution as per SOR item no-2.
21	Annexure-1, clause no-2.1.H. SN-3 (SOR Item No-5 & 6) Virtual route reflector with SVC Customer Support of 5 Years. Page-32	RR must support RFC 6589 IP address space	Deleted
22	Annexure-1, clause no-2.1.H. SN-4 (SOR Item No-5 & 6) Virtual route reflector with SVC Customer Support of 5 Years. Page-32	Should support at least 8K Peers along with all address families required	Should support at least 5K Peers along with all address families required
23	Annexure-1, clause no-2.1.H. SN-5 (SOR Item No-5 & 6) Virtual route reflector with SVC	In the event of full RR failure, a trace area must be maintained in non-volatile memory for analysis and problem resolution.	Deleted

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	Customer Support of 5 Years. Page-32		
24	Annexure-1, clause no-2.1.H. SN-8 (SOR Item No-5 & 6) Virtual route reflector with SVC Customer Support of 5 Years. Page-32	The RR shall support configuration rollback capability (minimum 10 instances of config) to recover from failures	Deleted
25	Annexure-1, clause no-2.1.H. SN-12 (SOR Item No-5 & 6) Virtual route reflector with SVC Customer Support of 5 Years. Page-32	Customer References for the proposed solution deployments with atleast 2 telecom service provider customers	Customer References for the proposed solution deployments with at least 1 telecom service provider customers, OEM undertaking/user certificate should be provided along with offer.

**2: Following New clause no-Annexure-1, clause no-2.1.A SN-68 (SOR Item No-1) Technical Specification of Router/Metro Ethernet Equipment added in ATC of Tender.**

Proposed equipment (if applicable) should be register in Trusted Telecom portal of Government of India at time of delivery of Equipment's.

**3: Extension of Bid End Date/Time as mentioned below:**

Present	Revised
Bid End Date/Time 28-11-2023 15:00:00	Bid End Date/Time 15-12-2023 15:00:00
Bid Opening Date/Time 28-11-2023 15:30:00	Bid Opening Date/Time 15-12-2023 15:30:00

All other terms and conditions will remain unchanged.

  
1/12/23

(Himanshu Kumar) GM/NTP

(For and behalf of RailTel Corporation of India Ltd.)



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