

RAILTEL CORPORATION OF INDIA LTD.

EASTERN REGION

No. RCIL/ER/Tender/1304/ 15561

Dt. 26.07.2021

Corrigendum – 1

Sub Supply of STM-64 & STM-1 Equipment and Accessories for the OFC based Communication System of RailTel Corporation of India Ltd., Eastern Region

Ref: Tender No. RCIL_ER_2021-22_1304 Dt. 06.07.2021

In reference to the subject tender, the following Corrigendum-1 is issued herewith:

1. The last date of submission of bids and opening of tender is extended as under:

Srl. No.	Item	Original Date	Extended Date
1	Last date & time of submission of bid	27.07.2021 at 14:00 hrs.	09.08.2021 at 14:00 hrs.
2.	Opening of e-bid	27.07.2021 at 14:30 hrs.	09.08.2021 at 14:30 hrs.

- 2.

Reference	Existing Entry	Corrected and read as
SOR-1.1 Chapter-1, Page-5	Supply of Broadband Multi Service SDH MADM equipment -48V DC working add/drop STM-64 SDH Equipment complete with redundant power supply, redundant Cross connect module with minimum six Nos. of STM-64 with Optical interface modules/ cards (Minimum 2 for east + minimum 2 for west side in separate card + minimum 2 *10G ETH), complete with sub-rack, installation materials and all other accessories, Filter unit, fan unit, Sub-rack DDF Installation Material, manuals and other accessories complete Engineering order wire (EoW). Necessary Connecting cords and cable for power supply modules with Basic and Enhanced installation kit. manuals etc. with the following configuration: STM-64 (L64.2) optical interfaces with XFP: 6 Nos. port. STM-16 (L16.2) optical interfaces with SFP: 2 Nos. port. STM-4 (S 4.1) optical interfaces with SFP: 2 Nos. port. STM-1 (S 1.1) optical interfaces with SFP: 2 Nos. port Ethernet interface with minimum 2 Nos. 10Gig port (Optical, L2 switching WAN	Supply of Broadband Multi Service SDH MADM equipment -48V DC working add/drop STM-64 SDH Equipment complete with redundant power supply, redundant Cross connect module with minimum six Nos. of STM-64 with Optical interface modules/ cards (Minimum 2 for east + minimum 2 for west side in separate card + minimum 2 *10G ETH), complete with sub-rack, installation materials and all other accessories, Filter unit, Fan unit, Sub-rack DDF Installation Material, manuals and other accessories complete Engineering order wire (EoW). Necessary Connecting cords and cable for power supply modules with Basic and Enhanced installation kit. manuals etc. with the following configuration: STM-64 (L64.2) optical interfaces with XFP: 4 Nos. port. STM-16 (L16.2) optical interfaces with SFP: 2 Nos. port. STM-4 (S 4.1) optical interfaces with SFP: 2 Nos. port. STM-1 (S 1.1) optical interfaces with SFP: 2 Nos. port Ethernet interface with minimum 2 Nos. 10Gig port (Optical, L2 switching WAN



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	/LAN) with XFP (approx 10km) and 2 or more Nos. 1Gig port (Optical, L2 switching) with SFP(approx 10km) Note: The equipment Backplane shall be upgrade to higher BW capacity up to minimum 160G by adding Cards(Cross Connect/transport)/XFP/SFP module. All the requisite software/licenses are required to be included. The SDH MADM equipment shall be single chassis equipped with non-blocking cross connect capacity of minimum 80G (minimum 40G at LO level).	/LAN) with XFP (approx..10km) and 2 or more Nos. 1Gig port (Optical, L2 switching) with SFP(approx. 10km) Note: The equipment Backplane shall be upgrade to higher BW capacity up to minimum 160G by adding Cards (Cross Connect/transport) /XFP/SFP module. All the requisite software/licenses are required to be included. The SDH MADM equipment shall be single chassis equipped with non-blocking cross connect capacity of minimum 80G (minimum 40G at LO level).
SOR-1.3 Chapter-1, Page-6	Supply of managed STM-1 ADM S.1.1 as per technical specification No. TEC GR No. TEC/GR /TX/ SDH-004/04 Jan 2011 or latest with STM-1 aggregate interface.	Supply of managed STM-1 ADM S.1.1 as per technical specification No. TEC GR No. TEC/GR /TX/ SDH-004/04 Jan 2011 or latest with STM-1 aggregate interface with 21 Nos. E1 and 4 Nos. 10/100 base Ethernet ports.
Clause No.4.1.1 Chapter-4 Page no.26.	Provision of EOW channel for operation and maintenance. Only E1 or E2 bytes shall be used to provide order wire channels for voice communications between terminals to terminals, terminals to regenerators and regenerators to regenerators equipment. No other byte shall be used for order wire purpose. The order wire shall have the facility of selective calling and omnibus calling. There shall be facility to extend order wire to any other system or exchange line on 2W/ 4W basis. The order wire shall be workable even when main system has deteriorated to BER 1E-3. The order wire channel shall be 64 kb/s PCM channel and shall comply with performance requirement laid down in ITU-T Rec. G.712. -Deleted	Provision of EOW channel for operation and maintenance. Only E1 or E2 bytes shall be used to provide order wire channels for voice communications between terminals to terminals, terminals to regenerators and regenerators to regenerators equipment. No other byte shall be used for order wire purpose. The order wire shall have the facility of selective calling and omnibus calling. There shall be facility to extend order wire to any other system or exchange line on 2W/ 4W basis. The order wire shall be workable even when main system has deteriorated to BER 1E-3. The order wire channel shall be 64 kb/s PCM channel and shall comply with performance requirement laid down in ITU-T Rec. G.712.



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26/07/2021
(P D James)

Asstt.GM/ Contracts/ER
for RailTel Corporation of India Ltd.