Response to Pre-Bid Queries against Tender No. RCIL_ER_2021-22_1304 Dt. 06.07.2021

SN	Chapter no.	Page no.	Sub-clause no./ Point no.	Content of the clause requires clarification	Points of clarification required	RailTel's Response
1	1	5	SOR 1.1	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 /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.	Acc to highlighted part of clause, it is asking for 6xSTM64 which includes Minimum 2 for east + minimum 2 for west side in separate card + minimum 2 *10G ETH) but later in SOR1.1 , it has separately mentioned STM-64 (L64.2) optical interfaces with XFP: 6 Nos. port. & Ethernet interface with minimum 2 Nos. 10Gig port. So, these makes total 8 ports of STM64/10GE. Please confirm how many STM64 are required and how many 10GE ports are required.	Pls. refer Corrigendum-1.
2	1	5	SOR 1.1	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 /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.	Railtel generally buys L1 Ethernet for 10GE but tender has asked for Ethernet interface with minimum 2 Nos. 10Gig port (Optical, L2 switching WAN /LAN) with XFP(approx 10km). So, Railtel requirement is 10G with L2 capability or L1 Ethernet card is also ok. If, Railtel wants L2 card then please confirm feature requirement of L2 Ethernet.	L2 card required with basic feature of multiple nos of VCG and VLAN
3	1	5	SOR 1.3	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.	Also confirm what other interfaces are required to be considerd for BOM like no of E1 port & no of Ethernet Port per box.	Pls. refer Corrigendum-1.
4	4.1.1	26	g	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	Please confirm if this clause is deleted as deleted is mentioned at the end.	Pls. refer Corrigendum-1.

#	Clause	Page	Section	Tender Condition	Bidder Query	RailTel Reply
5	4.1.1	26	i	The equipment shall provide Tandem Connection Monitoring (TCM) functionality at configured VC-4 paths using N1 byte of Higher Order Path- Overhead, in accordance with ITU-T Rec. G.707 for performance & monitoring of end to end circuit across multi-vendor network enroute. Tenderer may provide alternate solution to achieve the same feature.	TCM is mainly used for OTN networks where there are multiple vendors and need 6 levels of TCM. In SDH, TCM is obselete technology. Hence, request Railtel to remove the clause.	Tender condition is clear, No change is applicable.
6	4.1.1	26	j	All traffic affecting common cards shall be provided to support 1 +1 protection scheme.	Please confirm for SOR1.3, cross connect redundancy is required as pricing in SOR1.3 is only INR 34,000.	Cross connect redundancy is not required for STM-1 equipment.
7	4.1.3	28	iii	The offered equipment shall have slots available for dropping E1 equivalent to minimum 1 VC-4 by adding only E1 card as and when required. The tenderer will have to supply all the hardware to support these capabilities.	We understand that from this clause, Tenderer need to provide all the cards which can help in E1 dropping but no E1 dropping cards neesd to be proposed in any config in SOR. Please confirm.	Yes
8	6.1	30	6.1 Earnest Money Deposit (EMD) :	The tenderer shall submit Bid Security Declaration as per BID DATA SHEET along with the tender in portal of IREPS Tenders without Bid Security Declaration will be summarily rejected. No bank guarantee/DD for EMD is accepted.	Pls Confirm whether all bidders are exempted for Bid Secuirty/EMD , Tender Fee and additional performance security are exempted for all bidders as per Letter No. RCIL-CO OP(CORR)/1/2021/O/0 ED/Operations/CO/RCIL(E 14736) Dt. 04.06.2021 issued from Railtel. Pls confirm whether this letter of exemption holds good for any bidder who are intreated to particilate in this tender.	The exemption as per the referred letter is applicable to all the tenderers participating in the tender.
9	3.19	24	3.19 Replacement Services		As per Railtel past tenders, duration of repair should be same as mentioned as below refer to previous tenders. Duration of Repair - Deduction/Penalties 1.More than 30 days and upto 40 days 1.10% of the cost of affected part/module (from the date of receipt) 2.More than 40 days and upto 50 days 2.25% of the cost of affected part/module (from the date of receipt) 3.More than 50 days and upto 60 days 3.75% of the cost of affected part/module (from the date of receipt) 4.More than 60 days (from the date of receipt) 4.Full cost of affected part/module	Tender condition is clear, No change is applicable.
10	3.1	22	3.10 Training:	During the execution of the supplies covered in the SOR in the field, the tenderer shall undertake to train RailTel engineers and other staff nominated by RailTel in different aspects of equipment designs, functioning, field installation, testing, commissioning, operation, maintenance, and repair, covering both hardware and software. The training should be comprehensive for the transfer of complete know-how so as to impart full knowledge and competence to independently and successfully execute the installation, operation, user-related software changes, maintenance, and repair of all equipment.	We require number of manpower and number of man days detail for training requirement. Also clarify that whether it should be online or offline training. There is no separate SOR item to quote the training. Pls confirm.	Training shall be provided Online , No separate SOR , The rates are all inclusive.

For row 9, the image contains the following table:

Equipment	Duration of repair	Deduction/Penalties
All Modules and accessories	More than two week and up to three weeks (from the date of receipt)	10% of the cost of affected part/module
All Modules and accessories	More than three weeks and up to four weeks (from the date of receipt)	25% of the cost of affected part/module
All Modules and accessories	More than four weeks and up to five weeks (from the date of receipt)	75% of the cost of affected part/module
All Modules and accessories	More than five weeks (from the date of receipt)	The full cost of affected part/module. RailTel may terminate the contract in this case.