

Response to Pre-bid queries Dated:05.09.2023

RailTel/Tender/OT/CO/Project/2023-24/MDWDM Muxponder/010

Technical Requirement & Specifications

SN	Chapter no.	Clause no.	Page no.	Sub clause no./ point no.	Content of the clause requires clarification	Points of clarification required	RailTel's Response
1	3A	3.A.3.2	13	4	RailTel will provide Rack Space (Maximum 8 RU) per location and power (DC) for equipment Installation & Commissioning. In case of Rack Space required is more space in that case bidder should provide & install Smart Telecom Rack (42 RU) with inner air conditioning (2 KW & external outdoor unit and SNMP monitoring of Temperature). In this case DCDB, MCBs, power cables (approx. 15 mtr per site) required for extending power from Power distribution point shall be provided by the bidder.	As per RailTel tender RailTel/Tender/OT/CO/NTP/2021-22/DWDM & MDWDM/001 (Clause no 3.A.1.4.40.1.5 , Page no 47)Rack space is 8RU for ILA and 21RU for OADM so please allow rack space >8RU for Terminal site.	Please see Corrigendum-III
2	3A	3.A.3.5	18	18 (15)	Equipment must support third party open SFP (MSA compliant) for client and line both (in case of SFP base port). Bidder to specify the SFP make and the OEM product code for all relevant SFP configurations	We understand that if client & line port is not pluggable/SFP then third party plug accessibility is not required, Please clarify.	Please refer Corrigendum-II
3	3A	3.A.3.1 & 3.A.3.5	12 & 15	1,2 & xv	150* Km with DCM 250* KM without DCN with following parameters : Fiber loss per section: 22db 2. Total connector Loss: 1dB. 3. Fiber Repair Margin: 2dB. 4. Fiber Type: -Single mode G652D 5. No of Sections: -4 Nos 6. No of OADM Side (ROADM) in between -01 Nos All the Line ports of Access Muxponder system shall support minimum back-to-back OSNR sensitivity of -14 db at 100G line rate (IOx10G) on 40 Channel system	If Coherent Line port distance range (150 & 250KM) is mentioned to consider 4 spans and OADM at intermediate site then why need B2B OSNR sensitivity -14db, Please Clarify Our suggestion is Please consider Coherent Line port performance either based on distance range or OSNR sensitivity	As per RFP
4	3A	3.A.3.5	14	1(i) (SN-5 of Corrigendum-II)	The system shall support 400G capacity (with client option of 4x 100 GE and 20x10GE at Client side and 4X100G at line side). The system shall provide flexibility to map ODU2/ ODU2e/ ODU3/ ODU4/ ODU flex to 100G line ports. System shall support client side protection. In case of system support client protection through external module, in that case bidder shall provide 5 ports protection module. These client protection modules shall be used to protect the 10/100G services in case required at any proposed sites. System shall also support line side protection if required in future.	"These client protection modules shall be used to protect the 10/100G services in case required at any proposed sites", plz explain 10/100 to be interpreted as "10 or 100" or "10 & 100".	Please see Corrigendum-III

5	3.A.3		12	3.A.3.1	Bidder/OEM shall propose Alien wavelength supported standard Muxponder system 4x100G (with 10G SFP+, Fiber channel ,STM-16 , 100G QSFP28 client options). Standard Line side Coherent port should support following optical parameters.	With respect to, 10G SFP+ client requirement as we understand supplied SFP+ should be able to provide 10GbE, OTU2/2e, OC192/STM64 & FC 1200 (10GFC) data rate whereas MUXPONDER card should support Fiber channel FC800/FC 1600 data rate. Please confirm.	Please see Corrigendum-III
6	3A	3.A.3.2	13	4	RailTel will provide Rack Space (Maximum 8 RU) per location and power(DC) for equipment Installation & Commissioning	We understand that Railtel will provide the rack space (maximum 8 RU) per device per Access Muxponder system (400Gbps) for equipment installation & commissioning	As per RFP
7	Response to prebid queries Dtd. 24.08.2023			SN- 2	RAILTEL shall provide standard 19 inches rack for 8 RU rack space for proposed solution where rack will have 600 mm (Depth) x 300 mm (width). Also refer clause 21 of chapter-3A.	The default rack size comes with minimum of 600 mm (Depth) x 600 mm (width). As per 19 inches rack the width should be more than 300mm. Please reclarify what is the actual width of the 19 inches rack.	Width of 19 inches rack is 600 mm

Commercial Terms & Conditions

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1	4A	4.A.41	60		Public Procurement	Would like to check and ocnfirm if this clause can be change to align with MII clause in: RailTel/ Tender/OT/CO/NTP/ 2021-22/DWDM & MDWDM/001 dated: 19.05.2021, where the foreign were allowed to bid without minimum creteria of Class II	As per RFP
2	4A	4.A.12.3	42	1	OEM should have proven facilities for Engineering, manufacture, assembly, integration and testing of Data Network equipment and basic facilities with respect to space, Engineering, Personnel, Test equipment, Manufacture, Training, Logistic Supports for at least past three years.	Pls clarify, foreign OEM with Repair Support Centre in India is also eligible to participate	As per RFP
3	4A	4.A.22	55	4.A.22.1	All the Bidders/OEM are required to deposit Tender Cost and EMD amount as mentioned in NIT and BDS through e-Nivida Portal as —Tender Costll &—Earnest Money". Tender cost and EMD in no other form shall be accepted.Offers without applicable EMD amount and tender cost shall be summarily rejected.	We request you to kindly accept the EMD in the form of BG also.	As per RFP