

Response to Pre-bid queries Dated 10.11.2024

Tender no. RailTel/Tender/OT/CO/Project/2024-25/MDWDM/013

SN	Document Name	Clause	Page no.	Existing Clause Description	Bidder Query	RailTel Response
1	Tender Document	3.A.3.5.10.F -S.N.-2-v	19	v. 10/100G Interface through breakout cable is acceptable and the device should be equipped with required optics & cable (3M).	Please clarify whether breakout cable for 10G/100G interfaces need to quote for all equipped optics or based on traffic matrix requirement.	Yes, Proposed device should be equipped with required optics & cable (3M) based on based on traffic matrix requirement.
2	Response to Pre-bid queries tender 013 07092024	Response to Pre-bid queries tender 013 07092024 -Query No 92	9	All the Client side interface should be equipped with LR single rate.	As per clause 3.A.3.5.10.F -S.N.-2-i & 3.A.3.5.10.F -S.N.-2-ii, it is mentioned that the IP MPLS Router needs to be equipped with 2x100G QSFP28 LR4 optic modules. In the scenario where the IP-MPLS Router is proposed along with a 100G transponder at the same site, we understand that the LR4 Client Pluggable should only be considered at the Router end . Consequently, there is no need to consider an LR4 Pluggable at the transponder end. We would like to confirm that the 100G interface from the transponder will be connected to the router via the 100G interface as NNI, and all other interfaces (STM1, STM16, 10G, 100G, etc.) at the site will be delivered via the router as UNI. Request Railtel to Kindly Clarify	1. In case of IP-MPLS Router along with a 100/200G transponder is proposed at the same site for 100G traffic matrix. In that case ,LR4 Client Pluggable should only be considered at the Router end as per clause 3.A.3.5.10.F -S.N.-2-i & 3.A.3.5.10.F -S.N.-2-ii and also proposed suitable optics for NNI connectivity of 100/200G transponder with Router.
3	Tender Document	3. Software Feature:>	19	1. MPLS: LDP, RSVP, LDP over RSVP & BGP-LU.	We understand that asked requirement can be fulfilled with alternate solution, please allow suitable alternate solutions. Kindly confirm.	Industry standard alternate solutions of IP-MPLS & SR MPLS are also allowed.
4	Tender document	3.A.3.5 (F)	20	7. The operating system of the IP-MPLS Routers of same category/series/family should be MEF-9/14 /CE (Carrier Ethernet) Certified OR TSEC approved	We understand that the operating system of the IP-MPLS Routers of same category/series/family should be MEF-9/14 /3.0 CE (Carrier Ethernet) Certified OR TSEC approved. Please confirm	Yes, Understanding is right.
5		Annexure-II	141		For router based solution, we understand that for all New OADM sites as per Annexure-II, with 3 or more fiber directions, bidders need to consider following Type2 router at each such site irrespective of the available 100G traffic trails in Annexure-V matrix: ii. For 3 or more Direction Sites (New DWDM) :8x100G (Including 2x100G QSFP28 LR4 optic module) & 20x10G SFP+ (Including 16x10G SFP+ optic module)	Yes,Understanding is right. 1. For 100G traffic sites, Bidder/OEM should consider following routers at each such site irrespective of the available 100G traffic trails in Annexure-IV matrix: i. For 1 or 2 Direction Sites (New OADM) :2x100G (Including 2x100G QSFP28 LR4 optic module) & 10x10G SFP+ (Including 8x10G SFP+ optic module) ii. For 3 or more Direction Sites (New OADM) :8x100G (Including 2x100G QSFP28 LR4 optic module) & 20x10G SFP+ (Including 16x10G SFP+ optic module) 2.For Non 100G traffic sites , Bidder can propose any interface configuration for IP-MPLS to meet the requirement of Traffic matrix of Annexure-V. 3.Minimum 10/100G-interface configuration for IP-MPLS/OTN Switch has been defined in Tender. However, Bidder can propose higher configuration for IP-MPLS/OTN or dual box solution to meet the requirement of Traffic matrix of Annexure-IV & Annexure-V.
6		Annexure-II	141		For router based solution, we understand that for all New OADM sites as per Annexure-II, with 3 or more fiber directions, bidders need to consider following Type2 router at each such site irrespective of the available 100G traffic trails in Annexure-V matrix	
7		Annexure-II	141		For router based solution, we understand that for all New OADM sites as per Annexure-II, having no 10G or 100G traffic trails as per Annexure-V matrix, router is not required to be considered and client interface can be provisioned on available DWDM node.	Yes,Understanding is right. May please see the Tender clause 3.A.3.5-10-C & 3.A.3.5-10-E.
8		Annexure-II	141		For router based solution, we understand that for all New OADM sites, 100G pluggables are to be considered as per site traffic requirement as per Annexure-II	May please refer to SN-1 & SN-2.