



A mini
ratna enterprise

Dated: 28.11.2022

**RailTel Corporation of India Ltd
(A Government of India Enterprise)**

6th floor, Tower II East Kidwai Nagar,
Plate-A, Kidwai Nagar, New Delhi,
Delhi 110023

website: www.railtelindia.com

Corrigendum –VIII

Sub: Request for proposals for “Supply and Rate Contract for procurement of Switches, Routers, Servers and SFPs for RailWire Network upgradation”.

Ref: i) This office Tender No. RailTel/Tender/OT/CO/RW/2022-23/RailWireN/wUpgradation/04 Dated: 30.08.2022
ii) Corrigendum-I dated 06.09.22
iii) Corrigendum-II dated 15.09.22
iv) Corrigendum-III dated 13.10.22
v) Corrigendum-IV dated 18.10.22
vi) Corrigendum-V dated 21.10.22
vii) Corrigendum-VI dated 01.11.2022
viii) Corrigendum-VII dated 14.11.2022

1. Following amendments in tender Clauses as follows:

SN	Clause No.	Old clause/Modified in Corrigendums in the Tender	Revised clause in Corrigendum
----	------------	---	-------------------------------

रेलटेल कारपोरेशन ऑफ़ इंडिया लिमिटेड (भारत सरकार का उपक्रम)
RailTel Corporation of India Ltd. (A Government of India Undertaking)
CIN : U64202DL2000GOI107905

Corporate Office : Plate-A, 6th Floor, Office Block-2, East Kidwai Nagar, New Delhi-110023, T : +91 11 22900600, F: +91 11 22900699
Regd. Office: 6th Floor, IIIrd Block, Delhi Technology Park, Shastri Park, Delhi-110053
Website : www.railtelindia.com

1	Point no. 1, B 4) TECHNICAL SPECIFICATIONS, Chapter-3	The OTN device can be Router/Switch and same should have 3 x100G DWDM line ports equipped with 2x100G DWDM optics of CFP2/QSFP28/QSFP-DD and 6x100G QSFP28 interfaces. The OTN device should also option for upgradation atleast 3x100/200G DWDM Interface if required by upgrading OS/License/Hardware. OTN device should also support third party optics (MSA compliant SFP). Proposed Equipment series/family of same type of OS shall have IP-MPLS interoperability with multiple OEMs (like Cisco, Juniper and Nokia). The product series/family with DWDM optics should be deployed at least one Telecom Service providers in India. Customer letter/Public Case studies with satisfactory performance of the offered make with IP/MPLS should be submitted along with offer.	The OTN device can be Router/Switch and same should have 3 x100G DWDM line ports equipped with 2x100G DWDM optics of CFP2/QSFP28/QSFP-DD and 6x100G QSFP28 interfaces (Direct or through breakout 4x100G Optics (10km)). The OTN device should also option for upgradation atleast 3x100/200G DWDM Interface if required by upgrading OS/License/Hardware. OTN device should also support third party optics (MSA compliant SFP). Proposed Equipment series/family of same type of OS shall have IP-MPLS interoperability with multiple OEMs (like Cisco, Juniper and Nokia). The product series/family with DWDM optics should be deployed at least one Telecom Service providers in India. Customer letter/Public Case studies with satisfactory performance of the offered make with IP/MPLS should be submitted along with offer.
2	Point no. 3, B 7) TECHNICAL SPECIFICATIONS, Chapter-4	The Router Hardware should support at least 3.2 Tbps (Full Duplex) throughput rate	The Router Hardware should support at least 2.8 Tbps (Full Duplex) throughput rate
3	Point no. 34, B 7) TECHNICAL SPECIFICATIONS, Chapter-5	(i) Operating Temperature: 0 to 40 degree C or better	(i) Operating Temperature: 5 to 40 degree C or better

2. Queries response is attached as Annexure-I.
3. The last date of submission of Tender for “Supply and Rate Contract for procurement of Switches, Routers, Servers and SFPs for RailWire Network upgradation” issued vide this E- Tender Notice No: **RailTel/Tender/OT/CO/RW/2022-23/RailWireN/wUpgradation/04 Dated: 30.08.2022** is extended from **29.11.2022 to 06.12.2022 up to 15:00 Hrs. All the submitted bids will be opened at 15:30 Hrs. on 06.12.2022.**
4. All other terms and conditions of Tender remains same.

Himanshu Kumar
Addl. GM/NTP

SN	Chapter No.	Page No.	Clause / Sub Clause No.	Clause Description	Change requested	Query	RailTel Response
1	B TECHNICAL SPECIFICATI ONS, CHAPTER-3			The OTN device can be Router/Switch and same should have 3 x100G DWDM line ports equipped with 2x100G DWDM optics of CFP2/QSFP28/QSFP-DD and 6x100G QSFP28 interfaces. The OTN device should also option for upgradation atleast 3x100/200G DWDM Interface if required by upgrading OS/License/Hardware. OTN device should also support third party optics (MSA compliant SFP). Proposed Equipment series/family of same type of OS shall have IP-MPLS interoperability with multiple OEMs (like Cisco, Juniper and Nokia). The product series/family with DWDM optics should be deployed at least one Telecom Service providers in India. Customer letter/Public Case studies with satisfactory performance of the offered make with IP/MPLS should be submitted along with offer.		Kindly clarify whether same (day-1) 3x100G dwdm ports to be upgraded to 3x200G? Kindly allow Breakout Option in 400G ports for providing 6 qty of 100G QSFP28 interfaces or 24x10/25/50G SFP56 interfaces instead of 6x100G QSFP28 , as asked in Tier 3 routers	Please see Corrigendum-viii dated 28-11-22
2	B TECHNICAL SPECIFICATI ONS, CHAPTER-3	26	7) Tier-3 Routers(8X100G) - (Item no. 7 of SOR), 3	The Router Hardware should support at least 3.2 Tbps (Full Duplex) throughput rate	The router is required to be equipped with 6 x 100G + 2 x 100G (=800G) on Day-1 and 6 x 400G + 12 x 10/25/50G (~2.5T) in future. Hence, we request you to modify throughput to 2.8 Tbps.	The Router Hardware should support at least 2.8 Tbps (Full Duplex) throughput rate	Please see Corrigendum-viii dated 28-11-22
3	B TECHNICAL SPECIFICATI ONS, CHAPTER-3	34	7) Tier-3 Routers(8X100G) - (Item no. 7 of SOR), 34 (i)	(i) Operating Temperature: 0 to 40 degree C or better	The routers are going to be installed in temperature controlled air-conditioned environment. All leading OEMs manufacture DataCenter grade routers supporting 5 to 40 C temperature. Hence we request you to change the the temperature range to 5 to 40 C.	(i) Operating Temperature: 5 to 40 degree C or better	Please see Corrigendum-viii dated 28-11-22