

Name of Work:- " Design, Supply, Installation, Testing, Commissioning & AMC of DWDM and MDWDM system for the OFC based Communication Network of RailTel."

S.No.	Tender Page No.	Clause No. & Chapter No.	Existing Tender Clause	Revised Tender Clause
1	24	5.5 of Chapter 3A	Vendor must ensure that proposed 100G wavelength in Alien wavelength section must co-exist with existing channel in same fiber pair without any extra ILA	Vendor must ensure that proposed 100/200 G wavelength in Alien wavelength section must co-exist with existing channel in same fiber pair without any extra ILA.
2	28	1.3.1-c-1 of Chapter 3A	Pratap Nagar - Nagda—Bhopal—Agra Topology	Pratap Nagar Node in the topology may be read as Min 8 Channel OADM MDWDM.
3	30	1.3.1-c-7 of Chapter 3A	Bidder/OEM can use proposed and existing DWDM Network of same OEM make components like chassis, OSC system and modules in MDWDM Network at common locations/paths without impacting traffic and functionality of DWDM Network. In case if the cards/modules/Licenses in the existing DWDM hardware is proposed, OEM shall provide Undertaking for long term support for 8 years for all existing components irrespective of End of Life of the existing hardware.	Bidder/OEM can use proposed DWDM Network components like chassis, OSC system and modules in MDWDM Network at common locations/paths.
4	33	26 of chapter 3A	Sr.No.4: Active component -Mux/Demux (Ch. Add/drop) Types of Model allowed -Only One type	Sr.No.4: Active component - Mux/Demux (Ch. Add/drop) Types of Model allowed - Mux /Demux three types.

5	134	3.8.2 of Chapter 8A	The equipment shall operate with the input voltage in the range of -40,5VDC to -72VDC.	The equipment shall operate with the input voltage in the range of -40 VDC to -60 VDC.																				
6	136	4.4.6 of Chapter 8A	Management system shall support SNMPv3/TL-1 interface	Management system shall support any of management protocol including SNMP v1/2/3, TL1, Netconf, REST and gRPC .																				
7	140	1. Bangalore-Mumbai & Bangalore-Chennai of Annexure-I	<table border="1"> <thead> <tr> <th>S. No.</th><th>END A</th><th>Node Type</th><th>END B</th><th>Node Type</th></tr> </thead> <tbody> <tr> <td>29</td><td>Karmali</td><td>ILA</td><td>Madgaon</td><td>ILA</td></tr> </tbody> </table>	S. No.	END A	Node Type	END B	Node Type	29	Karmali	ILA	Madgaon	ILA	<table border="1"> <thead> <tr> <th>S. No.</th><th>END A</th><th>Node Type</th><th>END B</th><th>Node Type</th></tr> </thead> <tbody> <tr> <td>29</td><td>Karmali</td><td>ILA</td><td>Madgaon</td><td>OADM</td></tr> </tbody> </table>	S. No.	END A	Node Type	END B	Node Type	29	Karmali	ILA	Madgaon	OADM
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8	143-145	3. Delhi to Mumbai of Annexure-I	<table> <tr> <th>S. 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10	156	1. Delhi-Mumbai b. ILA & OADM Locations list of Annexure-II	<table><tr><th>S. No.</th><th>Site Name</th><th>Equipment Type (100G)</th><th>Type of Equipment's (ILA or OADM)</th><th>OADM Degree</th></tr><tr><td colspan="5">Main Path : Delhi-Jaipur-Pratap Nagar-Surat-Mahalakshmi</td></tr><tr><td>2</td><td>NDLS</td><td>100G</td><td>OADM</td><td>2</td></tr><tr><td colspan="5">Protection Path1: Delhi-Mathura-Agra-Jhansi-Bina-Bhopal-Itarasi-Bhusawal-Nardana-Surat</td></tr><tr><td>5</td><td>Agra</td><td>100 G</td><td>OADM</td><td>2</td></tr></table>	S. No.	Site Name	Equipment Type (100G)	Type of Equipment's (ILA or OADM)	OADM Degree	Main Path : Delhi-Jaipur-Pratap Nagar-Surat-Mahalakshmi					2	NDLS	100G	OADM	2	Protection Path1: Delhi-Mathura-Agra-Jhansi-Bina-Bhopal-Itarasi-Bhusawal-Nardana-Surat					5	Agra	100 G	OADM	2	<table><tr><th>S. No.</th><th>Site Name</th><th>Equipment Type (100G)</th><th>Type of Equipment's (ILA or OADM)</th><th>OADM Degree</th></tr><tr><td colspan="5">Main Path : Delhi-Jaipur-Pratap Nagar-Surat-Mahalakshmi</td></tr><tr><td>2</td><td>NDLS</td><td>100G</td><td>OADM</td><td>4</td></tr><tr><td colspan="5">Protection Path1: Delhi-Mathura-Agra-Jhansi-Bina-Bhopal-Itarasi-Bhusawal-Nardana-Surat</td></tr><tr><td>5</td><td>Agra</td><td>100 G</td><td>OADM</td><td>4</td></tr></table>	S. No.	Site Name	Equipment Type (100G)	Type of Equipment's (ILA or OADM)	OADM Degree	Main Path : Delhi-Jaipur-Pratap Nagar-Surat-Mahalakshmi					2	NDLS	100G	OADM	4	Protection Path1: Delhi-Mathura-Agra-Jhansi-Bina-Bhopal-Itarasi-Bhusawal-Nardana-Surat					5	Agra	100 G	OADM	4
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5	Agra	100 G	OADM	4																																																		

11	159	3. Bangalore-Mumbai & Bangalore-Chennai (b. ILA & OADM Locations) of Annexure-II	S. No.	Site Name	Equipment Type (10G or 100G)	Type of Equipment's (ILA or OADM)	OADM Degree	S. No.	Site Name	Equipment Type (10G or 100G)	Type of Equipment's (ILA or OADM)	OADM Degree
			3 rd Protection Path to Bangalore-Chennai					3 rd Protection Path to Bangalore-Chennai				
			3	Salem	-	ILA	-	3	Salem	100 G	OADM	2
			11	Chengalpattu	-	ILA	-	11	Chengalpattu	100 G	OADM	1
12	161	2. Manmad—Secunderabad of Annexure-IV	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA
			2	Manmad	OADM	Rotegaon	ILA	2	Chalesgoan	ILA	Rotegaon	ILA
			8	Purna	ILA	Nanded	OADM	8	Purna	OADM	Nanded	OADM

13	161	1. Pratap Nagar --- Nagda— Bhopal—Agra of Annexure-IV	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA
			17	Vikramgarh	ILA	Nagda	OADM	17	Nagda	OADM	Vikramgarh	ILA
			18	Shamgarh	ILA	Vikramgarh	ILA	18	Vikramgarh	ILA	Shamgarh	ILA
			19	Ramganj Mandi	ILA	Shamgarh	ILA	19	Shamgarh	ILA	Ramganj Mandi	ILA
			20	Kota	OADM	Ramganj Mandi	ILA	20	Ramganj Mandi	ILA	Kota	OADM
14	163	5. Bangalore & Chennai Access of Annexure-IV	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA	S. No.	END A	END A Type : OADM or ILA	END B	END B Type : OADM or ILA
			24	Yenalanka	OADM	Devenhalli	OADM	24	Yenalanka	OADM	Devenhalli	ILA
			25	Devenhalli	OADM	Chinthamani	ILA	25	Devenhalli	ILA	Chinthamani	ILA

15	164	1. Pratap Nagar –Nagda –Bhopal -Agra of Annexure-V	S. No.	Site Name	Type of Equipment's	OADM Degree	S. No.	Site Name	Type of Equipment's	OADM Degree
			18	Kota	OADM	2	18	Kota	OADM	1
16	165 & 166	5. Bangalore & Chennai Access of Annexure-V	S. No.	Site Name	Type of Equipment's (ILA or OADM)	OADM Degree	S. No.	Site Name	Type of Equipment's (ILA or OADM)	OADM Degree
			Path 1 : Chennai Bangalore Access Network				Path 1 : Chennai Bangalore Access Network			
			8	Bangalore	OADM	2	8	Bangalore	OADM	1
			Path 3 : Chennai Bangalore Access Network				Path 3 : Chennai Bangalore Access Network			
			3	Yenalanka	OADM	4	3	Yenalanka	OADM	3
			Path 4 : Chennai Bangalore Access Network				Path 4 : Chennai Bangalore Access Network			
			1	Devenhalli	OADM	2	1	Devenhalli	ILA	-

All other terms and conditions of Tender document will remain unchanged.

23/12/2019
30/12/2020
(Suresh Kumar)

Executive Director/Project