

 Government eProcurement System <small>सत्यमेव जयते</small>	eProcurement System Government of India				
Published Corrigendum Details					
Date : 02-Aug-2022 03:44 PM					
 Print					
Organisation Chain :	Indian Institute of Technology Ropar				
Tender ID :	2022_IITRP_699144_1				
Tender Ref No :	1705-22				
Tender Title :	Tender for Supply and Installation of Networking Components (Passive)				
Corrigendum Type :	Technical Bid				
Corrigendum Document Details					
Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
1	CORRIGENDUM CUM ADDENDUM	CORRIGENDUM CUM ADDENDUM	02-Aug-2022 03:42 PM	CORRSPECS.pdf 	500.29



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INDIAN INSTITUTE OF TECHNOLOGY ROPAR

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No. 1705-22/AD-Network/Instt/PS/

02/08/2022

CORRIGENDUM CUM ADDENDUM

Reference Tender Notice No. 1705-22/AD-Network/Instt/PS/ and CPPP tender id number 2022_IITRP_699144_1 for **Tender for Supply and Installation of Networking Components (Passive)**. The following changes have been made in the specifications:

<u>Corrigendum:</u>			
Sr. No	Category & Point No	Existing Specifications	Revised Specifications
1.	Cat 6 U/UTP Patch Cord <u>Point No - 2</u>	Patch cords shall be of stranded copper cable with UL/ETL Listed. Conductor Material should be Tinned copper; Plugs shall be designed with an anti-snag latch.	Patch cords shall be of stranded copper cable with UL/ETL Listed. Conductor Material should be stranded bare copper, Plugs shall be designed with an anti-snag latch.
2.	Category 6, RJ45 Field Termination Assembly <u>Point No - 4</u>	Safety compliance: ETL Listed; UL 1863 and CAN/CSA-C22.2 (ETL File 3166536CRT-001)	Safety compliance: UL/ETL Listed; UL 1863 and CAN/CSA-C22.2
3.	Cat 6A UTP Information Outlet <u>Point no - 1</u>	Cat 6A UTP Jack PCB/PWB based Information Outlet (I/O) RJ45, TIA-568 C.2 Category-6A. UL Listed, ETL Channel test report as per ISO/IEC 11801, ANSI/TIA 568 C.2.	C.2 Category-6A. ETL/UL Listed, ETL Channel test report as per ISO/IEC 11801, ANSI/TIA 568 C.2.
4.	6 Core Single Mode	Fiber cable Diameter Over the Jacket should not	Fiber cable Diameter Over the Jacket should be 15 to



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	Outdoor Fiber Cable <u>Point no - 5</u>	be more than 16 mm, Tensile Strength should be 3000 Newton and Crush Resistance of the fiber cable should be minimum of 4000 Newton.	20 mm, Tensile Strength should be 3000 Newton and Crush Resistance of the fiber cable should be minimum of 4000 Newton.
5.	02 CORES - DROP ARMOURED FIBER CABLE WITH LSZH SHEATH <u>Point no - 5</u>	Maximum Cable Diameter shall be Diameter: 3 mm + 5%	Maximum Cable Diameter shall be Diameter: 3 mm to 5 mm
6.	12/24 Fiber Outdoor Fiber Access Termination Box (IP 65 Rated) <u>Point no - 3</u>	h) Dimension – Length 310 mm x Width 250 mm x Depth 96 mm	h) Dimensions: As per OEM
7.	Fiber Splitter Packaging <u>Point no - 1</u>	The splitters should be housed in a 19” Rack mountable unit. The input and outputs should be on SCAPC adapters. It should have the following dimensions: 44 (H) x 482 (W) x 320 (D) mm. Each unit should accommodate 16 nos. of 1x2 Splitters. The splitters should be PLC/FBT type	19" Rack Mount 1U 1x2 Splitter - The splitters should be housed in a 19” Rack mountable unit. The input and outputs should be on SCAPC adapters. It should have the following dimensions: 44 (H) x 482 (W) x 320 (D) mm or 483(W) x 252 (D)x 44.5 (H) mm . Each unit should accommodate 16 nos. of 1x2 Splitters. The splitters should be PLC/FBT type
8.	Fiber Splitter Packaging	The splitters should be housed in a 19” Rack mountable unit. The input and outputs should be	19" Rack Mount 1U 2x32 Splitter - The splitters should be housed in a 19” Rack mountable unit. The



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	<u>Point no - 2</u>	on SCAPC adapters. It should have the following dimensions: 44 (H) x 482 (W) x 320 (D) mm. Each unit should accommodate 1 no. of 2x32 Splitters. The splitters should be PLC type	input and outputs should be on SCAPC adapters. It should have the following dimensions: 44 (H) x 482 (W) x 320 (D) mm or 483(W) x 252 (D)x 44.5 (H) mm. Each unit should accommodate 1 nos. of 2x32 Splitters. The splitters should be PLC type
9.	Annexure X <u>Point no - 6</u>	Excavation and resurfacing of the soil (depth 1 mtr)	Excavation and resurfacing of the soil (depth 1.5 mtr)
10.	Annexure X <u>Point no - 33</u>	cable pulling pit (minimum size 2*2*2 feet)made of reinforced concrete and brick walls with removable covers per unit	Chambers
11.	Annexure XI <u>Delivery Period</u>	0.1% of the tendered amount per day will be charged as penalty for not adhering to the delivery timeline.	0.1% of the tender amount per day not exceeding 6% of the tender values will be charged for not adhering to the timeline. After the 6% cap is reached, the tender may be canceled as per the Institute regulations.
12.	Specifications for the construction of chamber and route markers Chamber <u>Annexure-V</u>	Supply of Precast Reinforced Concrete Conical Manhole, a ready to use and install Chamber for connections, repeaters etc. in underground Ducting. Height - 1225mm. Base Diameter - 1350mm. Top Opening - 780 mm. Height of each ring - 225 mm. Thickness of each ring -	Supply of Precast Reinforced Concrete Conical Manhole, a ready to use and install Chamber for connections, repeaters etc. in underground Ducting. Height - 1225mm. Base Diameter - 1350mm. Top Opening - 780 mm. Height of each ring - 225 mm. Thickness of each ring -



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		<p>52 mm. Material Used M 30 Grade Concrete., Reinforcement: In the rings: 2 nos. of TMT Steel horizontal rings of size 8mm @ 250 mm c/c supported by 8mm TMT Steel bars. In the top ring 2 nos. of TMT Steel horizontal rings of size 8mm @ 150 mm c/c supported by 8mm TMT Steel bars. In top Cover: Multiple nos. of TMT Steel bars both ways in two layers. The Top Cover, guarded by Galvanized M S Plate and provided two 16 mm hooks for lifting. Load Bearing Suitable for an ultimate load of 35 tons (E.H.D. Cover Load as per ISI: 12592 Specifications).</p>	<p>52 mm. Material Used M 30 Grade Concrete., Reinforcement: In the rings: 2 nos. of TMT Steel horizontal rings of size 8mm @ 250 mm c/c supported by 8mm TMT Steel bars. In the top ring 2 nos. of TMT Steel horizontal rings of size 8mm @ 150 mm c/c supported by 8mm TMT Steel bars. In top Cover: Multiple nos. of TMT Steel bars both ways in two layers. The Top Cover, guarded by Galvanized M S Plate and provided two 16 mm hooks for lifting. Load Bearing Suitable for an ultimate load of 35 tons (E.H.D. Cover Load as per ISI: 12592 Specifications).</p> <p>DLP: This item will come under the defect liability period of three years.</p>
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Addendum:

1.	Cable Manager -19"rack mountable	Cable Manager -19"rack mountable, Metallic/high strength with the front cover or equivalent jumper rings for routing cable assemblies, mounts to the front of 19" rack & 1U height	
2.	Home termination equipment	Type Material of the base box	Feature Required 1.0mm galvanized colled-roll steel sheet



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		Material of the mounting Frame	0.8mm high quality colled-roll steel sheet
		Surface Finishing	Powder coated
		Thickness of the mount material	0.8mm cold rolled steel sheet
		Enclosure Size	400mm -Length X 400mm Width X100mm-Depth
		Perforation	Door perforated
		Lock and Key	Lock and Key support should be there

Bidders are requested to submit their bids as per revised specifications. The other details and terms & conditions also remain unchanged.

(Registrar)