

COMPLIANCE FORM

Sr. No.	IPR Specification	Compliance (Yes/No)	Remarks
1	The preferred make for all passive components be of Tyco/Systimax/corning/Panduit/Molex. All passive components to be supplied must be from same OEM.		
2	The preferred make for 15U network rack is President/APW/Rittal		
3	All horizontal nodes (end user) connectivity are considered using CAT6A cable		
4	The horizontal cable laying will be on existing cable tray and vertical cable laying will be on the IRON COLUMNS. The vertical cable laying will be on the IRON COLUMNS/PILLARS will require welding of MS brackets including drilling, coloring, cutting etc.		
5	Vendor has to compliance all the security, safety and labor rules and regulation enforced by IPR		
6	Under any circumstances, campus existing services like existing network, telephone, electric, drainage, water should not be disturbed and vendor has to take extra care for functionality/continuity of the services. In any case, if damaged due to negligence of vendor/sub-contractor, the services to be restore as soon as possible at vendors time, cost and risk.		
7	The soft/hard soil digging must be at least 3 feet, if required		
8	At the end of the project a complete project documentation shall be submitted to IPR detailing the following (Hard & Soft Copy):		
(A)	Floor Plan duly marked with all node locations and their numbering scheme for each location details data and voice connects in AutoCAD/PDF/PPT/DOC		
(B)	Rack Elevation Plans for all Network racks		
(C)	Jack Panel patching Scheme		
(D)	Bill Of Material Utilized		
(E)	Schematic layout of Backbone connectivity scheme and the numbering scheme for backbone		
(F)	For benchmarking vendor has to submit the test results for copper using Penta Scanning and the test results for fiber using OTDR .		
(i)	All testing should be pass as per ISO & IEEE standards not marginal pass through Fluke/JDSU.		
(ii)	Detailed test report would be required for each node and fiber core		
(G)	Any other Data as may be required by IPR		
(H)	Diagram of fiber laying path		
(I)	Diagram of Ethernet end point location – floor wise.		
(J)	Performance Certificate of at least 20 years.		
9	The vendor should arrange all necessary resources including labors, equipment etc., whose entire responsibility, whatsoever would be of the vendor only		
10	The bidder must clean the network racks and rewrite the tags on the existing cables properly before installing new devices		
11	The Bidder and OEM both must provide the Support Matrix to call the engineer for any support. The Bidder will register any call log to OEM for any issues related to supplied Hardware and Software during the entire warranty period		

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12	The entire cabling system shall be based on structured cabling as per TIA/EIA 568-B and TIA/EIA 569-A		
13	All Labelling on Jack Panels shall be done as per colored scheme for the respective color considered		
14	All cables shall be bundled in the rack with Velcro / Button ties for ease of bundling and re-bundling again if required in future		
15	Backbone naming convention for all Copper and fiber to be in accordance to discussion with IPR by numbering at either ends of cables in accordance to the link between the respective Hub rooms		
16	Node labeling has to be done as per ISO standard. Only printed labels will be allowed for labelling		
17	Factory crimped fiber optic patch cords shall be used for connecting LIU and the switch ports		
18	Cable shall be dressed and terminated as per the relevant EIA/TIA standards, OEM's installation standards / practices and best industry practices		
19	Cable shall be laid in continuous lengths from LIU to LIU and shall not exceed the length specified by the OEM to ensure gigabit performance		
20	Fiber core slacks shall be neatly coiled within the fiber termination panel. No fiber core slacks shall be permitted outside the panel		
21	The bending radii of the cable shall follow the OEM's installation standards / recommendations		
22	Dust caps will be provided by the vendor on the connectors, couplers and switches (to cover unused fiber and Ethernet ports)		
23	Inter floor fiber cables shall be laid inside duct / cable trays / shafts as provided		
24	The copper cables shall be laid in conduits / casing capping/duck		
25	The other supplied accessories must be of good quality and have ISI certified		
26	The pipes shall be adequately supported to avoid any displacement / disturbance to the copper & fiber optic cabling. The supply of necessary clamps and other related accessories (for support) will be in vendor's scope		
27	Each cable shall be clearly tagged / labelled on the cable jacket behind the patch panel, at a location, that can be viewed clearly without removing cables or the cable ties		
28	Numbering / tagging / ferruling on each rack, LIU, port on the LIU, fiber optic cable etc. shall be done as per existing cable tagging scheme or standards		
29	Wrap labels to be installed on all patch cord labels and cables neatly fanned out and dressed		
30	If required, vendor has to remove the existing old cables without charging any additional cost		
31	While execution of the work, covering of equipment and cleaning of that area will be in vendor scope. The necessary resources has to bring by the vendor for covering the equipment		