Equipment Specifications

This spreadsheet is to be used to provide detail on the **equipment** necessary to fulfill the requirements as requested in the RFP.

Item	Requirement	Vendor Response Model/Comply/Exceed/Exception
Section 2 - Cabling		
Patch panels		
Manufacturer	Vendor to indicate manufacturer	
Model name	Vendor to indicate model name and number	
Port Count per Panel	48	
Performance	Category 6	
Port Configuration	8P8C	
Port Termination	110	
Mounting Application	Rack	
Wire Management (front)	One horizontal per patch panel	
Wire Management (rear)	One horizontal per patch panel	
Wiring Configuration	T568B	
Horizontal Cabling		
Manufacturer	Vendor to indicate manufacturer	
Model name	Vendor to indicate model name and number	
Performance/Cable Category	Category 6	
Jacket Insulation	Plenum	
Pair Count	4-Pair	
Wiring Configuration	T568B	
Gauge	24-AWG solid copper conducts	
Connectors	IDC, 110-type jack	
Qualifications	NEC Certified, CSA Certified, UL Standard 444, IEEE 802.3af, IEEE 802.3.at	
Color	Data: Blue, Wireless: XX, VS: Purple, AV: XX	
Certifications	Underwriters Lab (UL), FCC	
Device patch cords		
Manufacturer	Vendor to indicate manufacturer	
Model name	Vendor to indicate model name and number	
Performance/Cable Category	Category 6	
Jacket Insulation	Plenum	
Pair Count	4-Pair	
Wiring Configuration	T568B	
Gauge	24-AWG solid copper conducts	
Connectors	IDC, 110-type jack	
Min. Cable Length	6 ft	
Qualifications	NEC Certified, CSA Certified, UL Standard 444, IEEE 802.3af, IEEE 802.3.at	
Color	Blue	
Certifications	Underwriters Lab (UL), FCC	
Patch panel-to-equipment patch cords		
Manufacturer	Vendor to indicate manufacturer	
Model name	Vendor to indicate model name and number	
Performance/Cable Category	Category 6	
Jacket Insulation	Plenum	
Pair Count	4-Pair	
Wiring Configuration	T568B	
Gauge	28-AWG solid copper conducts	

Item	Requirement	Vendor Response Model/Comply/Exceed/Exception
Connectors	8P8C (RJ45)	
Min. Cable Length	1 ft	
Bundling	No more than 12 cords per bundle	
Qualifications	NEC Certified, CSA Certified, UL Standard 444, IEEE 802.3af, IEEE 802.3.at	
Color	Blue	
Certifications	Underwriters Lab (UL), FCC	
Backbone Cabling		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Fiber type	Single mode (OS2)	
Connectors	SC	
Buffer tube design	Tight Buffer Tube	
Core Diameter	9 µm	
Cladding Diameter	125 µm	
Strand Count	12	
Jacket	Armored (dielectric), Plenum (OFNP)	
Maximum Attenuation	@ 1310nm: .4 dB/km @ 1383nm: .4 dB/km @ 1550nm: .4 dB/km	
Standards & Compliance	ANSI/TIA-568-3-D ISO/IEC 11801, ANSI/ICEA S-83-596	
Fiber Enclosure		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Rack Units	Sized according to termination requirements	
Covers	Front and rear with hinge	
Cable Management	Bend radius control and cable management for fiber patch cords, cable routing kit	
Tray	Front and rear sliding tray	
Floor-mounted Cabinet		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Rack Units	45	
Rack Mount Spacing	19"	
Rack Material	Steel	
Door Type	Rear and front perforated steel, key-locking	
Additional Features	Ventilated side panels, top-mounted gland plate, rear and front vertical cable managers, levelers	
Two-post Open Rack		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Rack Units	45	
Rack Mount Spacing	19"	
Rack Material	Extruded Aluminum or Steel	
Door Type	N/A	

Item	Requirement	Vendor Response Model/Comply/Exceed/Exception
Additional Features	Vertical cable management	
Floor-mounted Wall Cabinet		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Rack Units	40	
Rack Mount Spacing	19"	
Rack Material	Steel	
Door Type	Front perforated steel, key-locking	
Additional Features	Ventilated side panels, top-mounted gland plate, rear and front vertical cable managers, levelers, reversible hinge, UPS bracket/mount	
Wall-mounted Half Cabinet		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Rack Units	26	
Rack Mount Spacing	19"	
Rack Material	Steel	
Door Type	Front perforated steel, key-locking	
Additional Features	Ventilated side panels, top-mounted gland plate, rear and front vertical cable managers, levelers, reversible hinge, UPS bracket/mount	
Power Distribution Unit		
Manufacturer	Vendor to indicate manufacturer	
Model Name	Vendor to indicate model name and number	
Form-factor	Rack-mounted (19")	
Input Voltage	120V	
Input Plug Type	NEMA 5-20P; NEMA L5-20P (with adapter to 5-20P)	
# of Outlets	12	
Outlet Types	NEMA 5-15/20R	
Additional Features	Remote management, digital ammeter	