

Sl.No.	Item Description	Qty.
1	Network Rack 800mmWX42UX1000mmD: (Gray/ RAL-7035) :	
1.1	<p>Enclosure frame 800WX42U(2000H)X1000D made of 7 folded roll formed CRCA Sheet steel profile to support the load capacity of 850kg(complying to EIA 310D standard) with MS corner blocks hydraulically press sited and welded to make the frame very rigid.</p> <p>Plain top cover with 20mm Spacer & bottom plate with cable entry provision with the Rectangular Cable entry cut-outs shall be provided with gland plates on bottom plate of the cabinet and cable brush fit at bottom opening.</p> <p>Front sheet – steel perforated “Honeycomb “type, single door (with 65-75% visibility) with Conclave shape.</p> <p>Rear sheet - steel dual door each with 6 nos. of cut out of 110mm dia to mount the Fan expansion kit.</p> <p>(The Front & Rear Doors shall be fixed with 130 degree zinc alloy casting hinges) 3pairs of Depth Rails.</p> <p>2 pairs of EIA 310-D standard "L" type 19" angles with 9.5mm square holes with 'U' marking confirming to IEC 2973</p>	20
1.2	<p>Fan Expansion Kit with finger guard mounted on Rear dual doors (12 nos. per Rack i.e. 6 nos. on each door, Three fans to be powered from single power source totally 4 power sources are required for each Rack), The power cord for fans will be with IEC type Connector, Fan rating shall be >= 90 CFM (each fan rating), Frequency: 220-240VAC, 50 Hz, Fans must be very less noisy.</p>	240
1.3	Ergoform-S handle, 3 point locking system i.e. top, bottom & middle for both Front & Rear Doors	
1.4	Push button insert for Front & Rear Doors	
1.5	Removable Side panels fixed screw type with vents/louvers at bottom (set of 2)	4
1.6	Vertical Cable Management Duct - Concealed (4 nos. per Rack)- of 38U. It should be possible to route the RF/ data/ fiber cable from all the direction of the cable ducts and at the front side of the duct it shall have a removable and lockable enclosure. The duct should have a suitable opening mechanism which can be easily accessed for installation & maintenance.	80
1.7	Heavy Duty Castor wheel set with levelling feet to with stand the load capacity of 850kg	80
1.8	Captive hardware (pack of 20), 3 pkts. Per Rack	60
1.9	Baying Kit/Coupling Hardware : The racks shall be bayed in two rows each shall accommodate 10 racks	
1.10	Earth rail made of passivated copper, with the material of very high co-efficient of electrical conductivity & very low co-efficient of thermal conductivity, it shall have M6 Tapped holes of 2.5mm and 10mm sq. & 6mm sq. earth cable, including assembly parts shall be provided along with other necessary accessories	20
1.11	L angles – load capacity shall be mentioned - width also shall be made sure to accommodate the generic equipment- 775 depth @ 6 pair per Rack	
2	Power Distribution Unit:	

2.1	Vertical PDU with 24 nos. of Composite C13 & C19 (make sure), single phase, 3 Wire, 440VAC 50 Hz, 32A with individual digital Ammeter for each phase. Each 6 female sockets shall be independently wired and provided with separate MCB, the wiring failing in on set shall not cause the failure in other sets. Surge suppresser/filter shall be used to avoid the overall failure of the Vertical PDU. The internal wiring within the Power Distribution Socket Module shall not constrain the current rating of any of the sockets even with all the sockets being utilize. Input cable with male 32A (Phase+Neutral+Earth) and 4 sq.mm 3 core cable of 2m length.	40
2.2	Horizontal 19" rack mountable 2U size Power distribution unit with Octagonal socket 6 nos x 5/15 Amp with 16 Amp MCB having indicator and 3 mtr cable with 3 pin plug shall be mountable at the front side of the rack.	20
3	Additional Accessories for the above Racks:	
3.1	1U Cable Manager 19" Mountable with 5 nos. plastic shunting rings	100
3.2	1U Blanking Panel, Powder coated	100
3.3	2U Blanking Panel, Powder coated	50
3.4	3U Blanking Panel, Powder coated	20
3.5	4U Blanking Panel, Powder coated	20
3.6	Keyboard Tray Assembly, MS 1U, 19"/800D" slides telescopic type @ 2 per Rack	
3.7	Fixed Tray 725 mm depth 600mm width @ 4 per rack	
3.8	Fixed Tray 575mm depth 600mm width @ 2 per rack	
	2U size sliding tray, 19" width / 800 depth @ 1 per rack for storage purpose	
4	Lighting: Each Rack shall be provided with the LED lighting at the top-Manual operated switch, provision shall be made separately for the cable	20
5	Any other hardware needed to meet the requirement. Nuts & Bolts pack for supporting installation of 35 numbers of 1U systems per rack for four-point attachment.	
6	Terms and Conditions	
	1. All Active elements like PDU and Fans Shall have two years of Manufacturer's Warranty.	
	2. All Passive elements (Other than Active Components) Shall have five years of Manufacturer's Warranty.	
	3. The sub-systems, accessories and other electrical equipments offered shall be of high reliability and quality.	
	4. All the rack elements like the rack structure, front door, rear door, side panels, cable managers (vertical & horizontal) blanking panels should be treated for rust protection.	
	5. After the rust protective treatment the rack elements (Rack structure, rear door, side panels, cable managers (vertical & horizontal, blanking panels) should be powder coated with texture finish.	
	6. Nuts & Bolts pack for supporting installation of 35 numbers of 1U systems per rack for four-point attachment shall be supplied.	
	7. Safety standard- UL 2416 shall be adhered.	

