



COLLEGE OF ENGINEERING AND MANAGEMENT PUNNAPRA

An ISO certified Institution

(Under the Co-operative Academy of Professional Education, Estd.by Government of Kerala)

No.CEMP/A3/ 1743/2024

02.03.2026

QUOTATION NOTICE

Sealed competitive quotations are invited from qualified firms/persons for Networking of CAD Lab. The last date fixed for receipt of quotations is 10.03.2026 at 2 PM and will be opened at 3 PM on the same day. Detailed specifications are attached separately. Ph: 0477 - 2267311

PRINCIPAL

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PRINCIPAL
COLLEGE OF ENGINEERING
AND MANAGEMENT PUNNAPRA
PO Ambalapuzha, Kerala-588 991

College of Engineering and Management Punnapra

Department of Mechanical Engineering

Networking of CAD Lab

Sl no	Equipments Required	Specification	Quantity
1	24-port Giga Bit Switch(10/100/1000Mbps)	24 port semi managable switch with gigabyte ethernet swith with fiber uplink ports and minimum 3 years replacemet warranty Ports : 24 × RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 2 × SFP 100/1000 Mbps ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) Supports a maximum of 24 autosensing 10/100/1000 ports plus 2 SFP ports	1 nos ✓
2	16-port Giga Bit Switch(10/100/1000Mbps)	"16 port semi managable switch with gigabyte ethernet swith with fiber uplink ports and minimum 3 years replacemet warranty Ports : 16 × RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 2 × SFP 100/1000 Mbps ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX)	1 nos ✓
3	24 port Cat6 UTP Patch Panel	CAT 6 UTP 24 port fully loaded patch panel ID Plate : PC, transparent color with paper RJ45 Jack, Panel : SPCC, 1.5mm thickness with black color, Housing :PC UL 94V-0, Contact Brackets : PBT + Glass fiber UL94V-0, black colour, RJ45 Jack Contact: Phosphor bronze with nickel plated, Finish : 50 micro-inch Gold plated on plug contact area	2 Nos ✓

4	9U rack with all accessories	Wall-mounted rack cabin with a 9U working height and a depth of 370mm from the mounting bars to the rear wall of the cabinet. Front glass door(Lockable)with sufficient number of closed cable manger, AC power distribution channel with power sockets & spike suppressor of reputed brand.	1 Nos ✓
5	1mtr cat 6 patch chord	CAT6 U /UTP , Patch cord colour-Grey	35 Nos ✓
6	2mtr cat 6 patch chord	CAT6 U /UTP , Patch cord colour-Grey	32 Nos ✓
7	I/O box (Face plate, Keystone, Back box)	<p>Faceplate : with Shutter-86*86 mm, Single Faceplate accepts one keystone jack, ABS, UL94-HB, with white color. I.D. Plate: Polycarbonate, UL94V-2 transparent color. Dust Cover: ABS, UL94-HB, with white color Directive: RoHS certified</p> <p>Keystone : RJ 45 Jack - Housing : UL904V-2 with optional colour,Contact Bracket : PC, UL 94V-2. Transparent color. RJ45 Jack Contact - Material : Phosphor Bronze with Nickel plated,Finish : 50 micro-inch Gold plated on Plug contact area, IDC- Housing : PC, UL 94V-2Terminal : Phosphor Bronze with Tin platedIDC CAP: PC, UL94V-2Insertion Cycles: 750 timesIDC Life: 200 times Min.Wire : AWG 22-24</p> <p>Back box: Box: 86 x 86 x 32mm Back Box for Single and Dual Faceplate,ABS, UL94-HB, with white color. Screw Nut: M3.5xL7.0mm Screw: M3.5X25.0x7.0 mm Screw: M3.5X19.0X7.5mm Directive: RoHS certified</p>	32 Nos ✓
8	Cost for laying CAT 6 UTP Cable through PVC pipe	<p>Comply with Cat 6 specifications that supports Gigabit Ethernet (1000baseT) standard.</p> <p>4-pair unshielded twisted pair,Pairs are braided in aluminum foil with drain wire, cable23 AWG solid copper conductor for superior conductivity.</p> <p>The cable will meet the requirements of ANSI/TIA-568-C.2 category6 ISO 11801 Class E ROHs compliant.</p> <p>PVC pipe should be ISI standard with ivory color</p>	Should quote cost for 1mtr (approx:450mtr) ✓
9	Service Charge	Includes fixing of IO box,rack, crimping, and Configuration	
TOTAL			

03/03/26