



COLLEGE OF ENGINEERING MUTTATHARA

(Under the Co-operative Academy of Professional Education, Thiruvananthapuram, Government of Kerala)

e-File No.CEM/148/2023-A(P)/.....

Dated 25/04/2025

QUOTATION NOTICE

Quotation is invited from OEM Dealers/sellers for the supply and installation of Hardware Components as per the '**Schedule**' annexed herewith for creating computer network in CADD Lab of Civil Engg. Dept., College of Engineering Muttathara:-

Special Conditions:-

1. The price should be inclusive of GST
2. The item should be delivered and installed at 'College of Engineering Muttathara, Thiruvananthapuram'
3. No Postage/Courier, Transportation Charge, Delivery Charge is admissible.
4. A minimum of one year OEM warranty should be available for the components
5. Payment will be done after successful installation and evaluation of performance of items by competent authority authorized in this behalf.

Quotations should be submitted in sealed envelope super-scribed with '*Quotation for Networking of PCs in CADD Lab*'. The quotations should reach the undersigned on or before 07.05.2025 at 04:00 P.M.

V. K. K. K.
PRINCIPAL

Annexure:- (1) *Schedule of Items with detailed specification*

To,

1. College Notice Board/Website
2. Local vendors through circulation
3. Computer Programmer



SPECIFICATION OF NETWORKING ITEMS

SL NO.	ITEMS	SPECIFICATION	QTY
1	12U Rack	Rack Standard : 600 x 600 x 600 (in mm) Construction : Welded Front Door : Lockable Toughened Glass Door Basic Frame : Steel Equipment Mounting : DIN Standard Slots Mounting Angle : 19" Mounting angles made of formed steel Standard Finish : Powder Coated Top and Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs Standard Color : Grey / Black / White ACCESSORIES : 1U CABLE MANAGER, ROOF MOUNTED FAN UNIT, 5 AMP POWER DISTRIBUTION UNIT MOUNTING HARDWARE	1
2	24 port switch	Interfaces: 24 x 1000Base-T - RJ-45 10/100/1000 Mbps Unmanaged Ethernet Switch Link/Activity/Speed LEDs Auto-negotiation for full/half duplex Power input – 100 to 240V AC Warranty: minimum 3year	1
3	Patch Code 3 mtr	Type: Unshielded Twisted Pair, Category 6e, Length: 3 mts Plug Protection: Matching coloured boot to maintain bend radius Warranty: 3-year component Insulation: Flame Retardant Polyethylene ROHS Compliant: ROHS/ELV Compliant	5
4	Patch Code 2 mtr	Type: Unshielded Twisted Pair, Category 6e, Length: 2 mts Plug Protection: Matching coloured boot to maintain bend radius Warranty: 3-year component Insulation: Flame Retardant Polyethylene ROHS Compliant: ROHS/ELV Compliant	10
5	Patch Code 1 mtr	Type: Unshielded Twisted Pair, Category 6e, Length: 1 mts Plug Protection: Matching coloured boot to maintain bend radius Warranty: 3-year component Insulation: Flame Retardant Polyethylene ROHS Compliant: ROHS/ELV Compliant	15
6	I/O Box, Keystone Jack, Single Port Face Plate	<ol style="list-style-type: none"> 1. Network Keystone Jack RJ45 8P 8C 50u" Jack Terminating 4 pairs, 23-26 AWG cable Universal labels color-coded for T568A and T568B wiring schemes. Fitting 1U 24 port High-Density. 2. CAT6E LAN I/O Box + Single Port Face Plate The gang box is the housing that the keystone jack and faceplate are mounted into. Common sizes are 85mm x 85mm or 3x3 inches. Faceplate with Shutter. Single port, Label Holder Included. 	50
7	OFC	Un Armoured OFC Suitable for Indoor / Outdoor (duct) Arial, pipeline Excellent Water Proofing performance, Light weight, small and compact size cable. Minimum 4 pair.	50
8	Media Converter	Standards - IEEE 802.3/ab/z Port #1 - 10/100/1000 Mbps RJ-45 Port #1 max. distance -100 m Port #1 cable type - UTP/STP Port #2 SFP, supports 1G and 155M transceivers.	2
9	UTP Cable	comply with Cat.6A specifications 4-pair unshielded twisted pair (UTP) cable 23 AWG solid copper conductor with a frequency of 500 MHz HD-PE insulation, PE central cross.	400 Metre
10	Casing Cap	50 X 50 & 1.5 , PVC Casing Capping, Constructed from high-quality PVC material for long-lasting performance and reliability.	1