

MODEL POLYTECHNIC COLLEGE
(Managed by IHRD)
Mattakkara P. O, Kottayam (Dt.)- 686 564
Phone No.0481 2542022
E-TENDER NOTICE

E- Tenders are invited for the following.

SI .No	Tender No	Description of Work	Cost of Tender form in Rs.
1.	01/P36/2018	<p>Campus Networking: The project aims to a networking based on both wired and wireless technology with latest equipments facility for the smooth running of academic as well as administrative tasks in the campus which has two blocks of buildings and three departments in a total of 8 acre of land have.</p> <p>Specification :- Distribution Switches: Building Block 1 & 2: 12 port LIU with 12 preloaded SC coupler and one SC-MTRJ MMF Patch cord to connect a access switch. (2 Nos) Wireless Router: Dual band (450 Mbps min), 802.11 b, g, n, WEP, WPA, WPA2 (2 Nos) Access Switches: With 24 10/100 ports w/2 1000BASE-SX ports(6 Nos) UTP Cables: Enhanced CAT-5/CAT6 four pair UTP Cable would be used for network connectivity from the Access Switch to the nodes in the departments. UTP Information Outlet: Standard TIA/EIA/568 A/B and should have high durability RJ45 Interface. (100 Nos) Patch Cords: Enhanced UTP/RJ45 patch cords should comply with the industry standard TIA/EIA/568 A/B.</p>	<p>2500 + GST 12%</p> <p>Payment by online, as per e- tender schedule</p>

E-Tender forms can be downloaded from the website <https://etenders.kerala.gov.in> . The interested service providers may submit the tenders online at <https://etenders.kerala.gov.in> in one bid system in the prescribed performa. Tenders are to be submitted only online through e-procurement portal i.e. <https://etenders.kerala.gov.in>. All the documents in support of eligibility criteria etc. are to be scanned and uploaded along with the Tender Documents. Tenders sent by any other mode will not be accepted.

Eligibility Criteria:

1. The Bidders should be an Authorized System Integrator having a direct purchase and support agreement with the original equipment manufacturer (OEM) for Network active components. Proof for the same to be enclosed.
2. The bidder company should be ISO 9001 certified. Certificates to this effect should be enclosed with the Bid.
3. The Bidder should be Authorized Service Provider of the Original Equipment Manufacturer. Proof of the same shall be enclosed with the Bid.
4. The bidder should have Service Centre operating in or around Kottayam. Communication address and telephone numbers for the same should be provided.
5. The bidder should have similar experience of executing and maintaining LANs in Government. The Contractors should enclose list of such offices with their addresses with the bid.

Terms and Conditions:

- 1) Rate quoted must be inclusive of all taxes and charges.
- 2) Minimum **3 years** onsite warranty for all items should be offered.
- 3) Items must be supplied at MPTC Mattakkara by the supplier at the address given above.
- 4) Offer for supply of items is acceptable only from manufacturer or their authorized service providers/dealers. So a certificate issued by the manufacturer should be enclosed in case of dealers/service providers.
- 5) Payment will be cleared only after the installation and verification of the functioning of network as per tender specification and acceptance.
- 6) EMD: 2.5% of the tendered cost may be furnished by **online**.
- 7) Agreement: In Kerala stamp paper worth Rs.200/- may be furnished
- 8) All necessary permissions and approvals (including statutory, regulatory permissions, approvals etc) required for carrying out the contract work shall be the responsibility of the bidder.

Time Schedule

1. Issue of Acceptance Letter D
2. Supply of materials D + 7 days
3. Installation and commissioning of all items D + 20 days
4. Fine tuning/testing/ Troubleshooting & stabilization D + 25 days

WARRANTY: Onsite warranty for all Hardware delivered and installed for minimum for three year and extended as per OEM Guarantee/ Warrantee period. The equipment must be warranted against all manufacturing / installation defects for at least a period of 36 months (Please indicate Guarantee/ Warrantee period offered by you on the product in your quote) from the date of successful installation and acceptance. In case, a part thereof or the whole equipment is found defective the same will have to be rectified/replaced on free of charge basis without lapse of time. In case the equipments are not repaired/replaced within the "Service" Time quoted the Bank Guarantee will be invoked without assigning any reason.

Last date for sale of Tender forms	11.08.2018 11AM
Last date for receipt of Tenders	11.08.2018 3PM
Date and time of opening	14.08.2018 11 AM

Further details can be had from the office during working hours. 0481 2542022

12/07/2018
Mattakkara

P R I N C I P A L

SCOPE OF WORK

New installation and integration with existing LAN setup includes but not limited to the following tentative work:

1. Indoor UTP Cable Laying through PVC Pipe, Casing including all materials
2. Preparation of Actual Bill of Material based on Survey and College's requirements.
3. Installation of IO/Crimping/Patch Panel/ Rack/ Switch and System Integration.
4. Laying and Termination of CAT6 UTP Cable. All cabling must be "structured".
5. Network Documentation (on Paper and CD).
6. All the floppy-disc., CD's, operational manuals, stationery and similar accessories made available by Equipment vendor would be handed over by the Contractor to REC after installation work is over.
7. Labelling of Cables, I/Os, Jack Panel, Switches for new connections.
8. Repair/Refurnishing work owing to damage caused due to cabling or any other work related to this Project. There should not be any hanging or uncovered wire.
9. Patch cord should be branded and factory crimped.
10. Equipment furnished shall be complete in every respect with all mountings, fittings, fixtures and standard accessories normally provided with such equipment's and/or needed for erection, completion and safe operation of the equipment's as required by applicable codes though they may not have been specifically detailed in the tender document, unless included in the list of exclusions. All similar standard components/parts of similar standard equipment's provided, shall be inter-changeable with one another.
11. The Bidder shall be responsible for providing all materials, equipment's, and services, specified or otherwise, which are required to fulfill the intent of ensuring operability, maintainability, and reliability of the complete equipment covered under this specification within his quoted price. This work shall be in compliance with all applicable standards, statutory regulations and safety requirements in force of the date of award of this contract.
12. The bidder shall also be responsible for deputing qualified personnel for installation, testing, commissioning and other services under his scope of work as per this specification. All required tools and tackles for completing the scope of work as per the specification is also the responsibility of the bidder.
13. The installation of equipments shall be accepted only after installation tests are over.
14. The bidder should ensure while installation of LAN, day-to-day functioning of official work and existing network setup/connectivity/internet connectivity should not get disrupted.
15. The bidders proposal shall include the list of tools (such as crimping tool, Krone punch tool) and other accessories, which are required for installation of the connection. No separate charges for fixing/crimping/other connection charges

would be paid by College.

16. The switches proposed by the bidders must be compatible to the existing network.

17. The scope covers design/development of a suitable architecture/layout of the proposed networking system, preparation of bill of materials, pre-dispatch inspection / testing, packing and forwarding, transportation, insurance and carrying out further activities at sites viz. unloading, storage, (space to be provided by the owner) further handling, erection, testing and commissioning including successful completion of acceptance tests and any other services specified.

18. College reserves the right for quantity variation due to increase/decrease in requirements. The bidder shall also provide all required equipment which may not be specifically stated herein but are required to meet the intent of ensuring completeness, maintainability and reliability of the total system covered under this specification, including integration and interoperability with the existing LAN.

19. Scope of Work shall also include

a. Powering on equipment after ensuring correctness of terminations interfaces and power supply and making the system ready for testing and commissioning.

b. Testing of LAN Cables after laying, terminations and ferruling at both the ends. All testing tools and instruments shall be brought by the bidder and taken back after the testing.

c. Configuration of the equipment as per the requirements of College including Network segmentation and Network Monitoring through network management s/w.

d. Site acceptance tests to establish satisfactory performance of the equipment's as per specs.

e. Assistance for familiarization and operation of the installed system & services for 6 months after acceptance of system.

f. Onsite warranty for all Installation and Hardware delivered for minimum three year and extended as per OEM guarantee/warranty offered.

20. In case, the quantity of laying cables or fixing wall mount sockets etc. exceeds or is less than the quantity in bid price schedule, the payment for the executed quantity shall be paid on pro-rata basis, for the actual quantities consumed / for which the installation is carried out through the Bidder on Certification by College's Network Engineer.

21. Any other work required for making the network functional up to the satisfaction of Rural Electrification Corporation Ltd.

Signature of Bidder

Name & Designation:

Company Seal