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Army Institute of Technology
Dighi Hills
Pune – 411015

AIT/0810/6/16-17/CQ/Proj

Date : 20 Apr 16

Due date : 30 Apr 16

CALL FOR QUOTATION : ELECTRICAL WORK IN NEW COMPUTER LAB

Sr no	Description of work	Qty	Unit	Rate	Amt
1	M&L for concealed plug point wiring using approved color coding as per IS with 1.5sqmm single core PVC insulated but unsheathed ,1110 volts grade ,ISI-694 marked with multistranded copper conductor and 1 sq mm earth continuing wire, PVC casing capping / PVC conduit concealed and as direction by engineer in charge .	145	No		
2	All as per item no 1 above but light point	20	No		
3	All as per item no 1 above but ceiling fan, exhaust fan and wall mounting fan	15	No		
4	S&F modular socket outlet multipurpose having provision for 3 pin, 6 amp and 2 pin 6amp 2 module complete all as specified and directed. Make Including modular plate/ GI sunken concealed box and PVC box as per required	145	No		
5	S&F modular switch, single pole, one way and 6 amp one module complete ISI marked complete all as specified and directed. Make Including modular plate/ GI sunken concealed box and PVC box as per required	180	No		
6	M& L power point wiring 2.5 sq mm PVC insulated but unsheathed single core copper cable and earth continuity wire with 1.5 sq mm wire casing capping / PVC conduit concealed and directed by engineer in charge	6	No		

1. This Institute is interested in carrying out Electrical work in New Computer Lab as per the following specifications:-

7	S&F modular socket outlet multipurpose having provision for 3 pin,15 amp and 3 pin 5 amp 2 module complete all as specified and directed. Make Including modular plate/ GI sunken concealed box and PVC box as per required	6	No		
8	S&F modular switch single pole one way and 16 amp one module complete ISI marked complete all as specified and directed. Including modular plate/ GI sunken concealed box and PVC box as per required	6	No		
9	S&F modular step fan regulator 100 watt, 0-4 steps, 2 modules suitable for 230 volt 50 HZ complete all as specified and directed. Including modular plate/ GI sunken concealed box and PVC box as per required	8	No		
10	M&L 2 runs of 6 sq mm, 1 run of 2.5 sq mm earth wire single core PVC insulated but unsheathed FR cable of specified size multistranded copper conductor 1100 volts grade IS -694 marked drawn through and including PVC casing capping in of size 25mm dia PVC pipe concealed	65	RM		
11	M&L 2 runs of 2.5 sq mm, 1 run of 1.5sq mm earth wire single core PVC insulated but unsheathed FR cable of specified size multistranded copper conductor 1100 volts grade IS -694 marked drawn through and including PVC casing capping in of size 25mm dia PVC pipe concealed	120	RM		
12	S&F for MCB DB SPN 12 way ,double door, vertical type, sheet metal enclosure , comprising of 200 amps,415 volts, 50 HZ bus bar and neutral link complete including inserting in wall complete all as specified and directed	3	No		
13	M&L MCB double pole 40 amps ,240 volts ,10KA,B curve/ B series ,ISI marked complete all as specified and directed	6	No		
14	M&L MCB single pole rated capacity 6-32 A .40 amps ,240 volts ,10KA,B curve/ B series ,ISI marked complete all as specified and directed	16	No		

15	M&L for earthing complete with GI earth plate electrode 60cm x60 cm 3mm thick excavation salt, charcoal. Funnel including 20 mm dia GI pipe, 25 mm x3mm thick GI strip average length 2m and earth chamber size 300mm x300mm RCC cover including brick machinery and plastering complete job.	1	No		
16	S&F of 25 mm x3mm thick GI strip, fixing wall, floor including GI clamps including all hard wares. earth feet to UPS room	12	RM		
17	Exhausting wall 300mm throw hole and both side plastering as per existing surface and the painting to be done the same way it was before	1	No		
18	S&F exhaust fan 230 volts industrial type, heavy duty 1800 RPM, install and testing commission complete.	1	No		
19	S&F fan hooks chromium plated 2no fastener as per specified and directed	10	No		
20	Supply and fixing 63 Amp double pole MCB	04	No		
21	Material and labour for 10 Sq mm multistranded copper conductor single core.	24	RM		
	Total				

Make:

Wires—Finolex, Polycab , Vinay ,RPG cables
Switches& Sockets –Anchor Roma, Leagrand , Cona ,Armor
PVC conduit—Prestoplast, Diamond
PVC casing capping—Modi, Armor,Pressfit
MCB—Standard indo asian ,anchor,
Exhaust fan—Crompton greaves , Bajaj ,Almonad

Note:

1. This quotation applies only government electrical licensed contractors
2. After the work is done wiring, insulation test report should be submitted
3. Wiring Circuit diagram should be submitted and earth test report should be submitted.
2. Please send your lowest quotation in sealed cover addressed to Director AIT so as to reach this institute on **or before Apr 16**. Late quotations will not be considered.
3. The representative of the firm concerned may visit the Institute to ascertain the exact area to be covered.
4. Envelope should be subscribed as **“ELECTRICAL WORK IN NEW COMPUTER LAB”**.

5. **Terms and Conditions.**

- (a) The price quoted should be inclusive of all taxes and delivery at Army Institute of Technology, Dighi, Pune-411015.
- (b) Discount offered if any, should be indicated as percentage of rates quoted, separately.
- (c) Payment will be made after completion of work and on verification by a Board of Officers detailed by AIT, that the work is satisfactory.

Sd/-xxx
(KE Vijayan)
Col (Retd)
Jt Director
for Director