

QUOTATION


Name of work :- Electrical maintenance work at New Core Lab 102, DoMS Build. Near R- 104, CC-202, & AR- F5 Animal build. etc. Academic area as per enclosed pingala requested by User with all allied works as required in the campus at IIT Kanpur.

| Sl. No | Description | QTY | Unit | Estimated rate without GST | Estimated Amount without GST |
|--------|---|--------|-------|----------------------------|------------------------------|
| 1 | Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required. | | | | |
| a) | Group C | 4.00 | Point | 783.87 | 3135.47 |
| 2 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. | | | | |
| a) | 1 x 1.5 sq. mm | 10.00 | Metre | 39.46 | 394.56 |
| b) | 3 x 1.5 sq. mm | 10.00 | Metre | 83.30 | 832.97 |
| c) | 3 x 2.5 sq. mm | 2.00 | Metre | 120.12 | 240.25 |
| d) | 3 x 4 sq. mm | 140.00 | Metre | 180.62 | 25287.15 |
| e) | 6 x 10 sq.mm. | 1.00 | Metre | 1068.83 | 1068.83 |
| 3 | Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. | | | | |
| a) | 25 mm | 2.00 | Metre | 224.46 | 448.93 |
| 4 | Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete. | 140.00 | Metre | 234.98 | 32897.85 |
| 5 | Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system. | | | | |
| a) | End cap | 12.00 | Nos. | 156.95 | 1883.38 |
| b) | internal / external angle | 15.00 | Nos. | 151.69 | 2275.32 |
| c) | changeable flat angle | 5.00 | Nos. | 127.14 | 635.69 |
| d) | flat junction | 3.00 | Nos. | 149.93 | 449.80 |
| 6 | Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete. | 5.00 | Meter | 1014.47 | 5072.34 |

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|--------|--|-------|-------|----------------------------|------------------------------|
| 7 | Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system. | | | | |
| a) | 85 mm flexible cover | 3.00 | Meter | 447.17 | 1341.52 |
| b) | End cap | 2.00 | Nos. | 202.54 | 405.09 |
| c) | Internal angles- adjustable from 80°-100° | 1.00 | Nos. | 559.40 | 559.40 |
| d) | external angles- adjustable from 60°-120° | 1.00 | Nos. | 572.56 | 572.56 |
| e) | flat junction | 1.00 | Nos. | 974.13 | 974.13 |
| f) | flat angles | 1.00 | Nos. | 790.88 | 790.88 |
| g) | separation partitions | 1.00 | Meter | 267.43 | 267.43 |
| h) | Joints for 85mm width cover | 2.00 | Nos. | 232.35 | 464.71 |
| i) | base joints | 2.00 | Nos. | 92.94 | 185.88 |
| 8 | S & F following size of steel flexible pipe along with the accessories on surface etc as required | | | | |
| a) | 25 mm | 5.00 | Meter | 71.02 | 355.11 |
| b) | 32 mm | 2.00 | Meter | 83.30 | 166.59 |
| c) | 40 mm | 1.00 | Meter | 94.70 | 94.70 |
| 9 | Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required. | 12.00 | Meter | 213.94 | 2567.30 |
| 10 | Supply, installation, testing and commissioning of following LED lamp in existing fitting as required complete. | | | | |
| a) | 20 watt ESENTIAL PHILIPS or equivalent Tube in place of 36/40 W FL tube | 2.00 | Nos. | 313.90 | 627.79 |
| 11 | Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffuser, MS/Aluminium body/housing holder, etc. complete with all fixing accessories and lamp as required complete. | | | | |
| a) | 1 X 20W Box type LED tube with fitting | 1.00 | Nos. | 827.71 | 827.71 |
| b) | 18 watt recess 300 x 300 mm mounting LED light fixture | 1.00 | Nos. | 2287.59 | 2287.59 |
| c) | 36 watt recess mounting LED light fixture 600 x 600 mm | 1.00 | Nos. | 4665.50 | 4665.50 |
| 12 | Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. | | | | |
| a) | 5/6 A switch | 2.00 | No. | 90.31 | 180.62 |

| | | | | | |
|----|---|--------|--------|---------|---------|
| b) | 15/16 A switch | 4.00 | No. | 136.78 | 547.13 |
| c) | 3 pin 5/6 A socket outlet | 1.00 | No. | 106.97 | 106.97 |
| d) | 6 pin 15/16 A socket outlet | 4.00 | No. | 172.73 | 690.93 |
| e) | Blanking Plate | 1.00 | No. | 35.07 | 35.07 |
| 13 | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. | | | | |
| a) | 1 or 2 Module | 1.00 | No. | 116.62 | 116.62 |
| b) | 3 Module | 5.00 | No. | 132.40 | 661.99 |
| c) | 4 Module | 1.00 | No. | 138.54 | 138.54 |
| d) | 6 Module | 1.00 | No. | 159.58 | 159.58 |
| 14 | Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required. | | | | |
| a) | 1 or 2 Module | 1.00 | Nos. | 304.25 | 304.25 |
| b) | 3 Module | 5.00 | Nos. | 323.54 | 1617.71 |
| c) | 4 Module | 1.00 | Nos. | 348.09 | 348.09 |
| d) | 6 Module | 1.00 | Nos. | 382.29 | 382.29 |
| 15 | Supply and Fixing, 20 Amp. Plug top for 2P+E industrial socket and top assembly as required complete. | 1.00 | Nos. | 220.96 | 220.96 |
| 16 | Supply and Fixing, 32 Amp. socket for 2P+E industrial socket and top assembly as required complete. | 1.00 | Nos. | 240.25 | 240.25 |
| 17 | Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete. | 1.00 | Nos. | 2206.05 | 2206.05 |
| 18 | Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store. | 2.00 | Nos. | 99.96 | 199.91 |
| 19 | Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with screw & washer etc. as required. | 100.00 | Sq.cm. | 0.77 | 77.16 |
| 20 | Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd. | 1.00 | Nos. | 377.03 | 377.03 |

| | | | | | |
|---|--|----------------------|------|---------|-----------|
| 21 | Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight(Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required. | | | | |
| a) | 1 output per phase and suitable for single phase supply | 1.00 | Nos. | 3848.31 | 3848.31 |
| 22 | Supplying and fixing following modular switch/ socket fixing on the existing clip-on frame fixed on 85mm cover of 105 x 50 mm DLP plastic trunking including connections etc. as required complete. | | | | |
| a) | 6 A switch | 1.00 | No. | 244.63 | 244.63 |
| b) | 20 A switch | 1.00 | No. | 442.79 | 442.79 |
| c) | 6 A pin 2/3 pin socket outlet | 1.00 | No. | 291.98 | 291.98 |
| d) | 6/16 A 3 pin socket outlet | 1.00 | No. | 569.93 | 569.93 |
| 23 | Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd. | | | | |
| a) | 3 module | 1.00 | Nos. | 313.02 | 313.02 |
| b) | 6 module | 1.00 | Nos. | 419.11 | 419.11 |
| | | Estimated Amount Rs. | | | 106517.32 |
| | | Say Rs. | | | 106517.00 |
| Please quote percentage above/below(%) = | | | | | |


विनाय कुमार तिवारी
(VINAY KUMAR TIWARI)
 अधिकांकी अधिवक्ता (वि) E.E. (Elect.)
 संविधि, पाठ प्रो संयोज. २०१३
 I.W.D., I.T., Kanpur
