

## QUOTATION

Name of work :- Renovation / modification of electrical installation of vacate House No.4001 Type-IV in the campus at IIT Kanpur.

| S.No | DESCRIPTION  | Qty    | Unit   | Rate<br>(In words & Figures) | Amount |
|------|--|--------|--------|------------------------------|--------|
| 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 conduit including dismantling as required. |        |        |                              |        |
| 1.1  | Group B  | 37.00  | Points |                              |        |
| 2    | Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.  |        |        |                              |        |
| 2.1  | 1 x 1.5 Sq.mm..  | 50.00  | Mtr.   |                              |        |
| 2.2  | 3 x 1.5 Sq.mm..  | 80.00  | Mtr.   |                              |        |
| 2.3  | 3 x 4 Sq.mm..  | 100.00 | Mtr.   |                              |        |
| 2.4  | 3 x 6 Sq.mm..  | 5.00   | Mtr.   |                              |        |
| 3    | Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.   | 12.00  | Mtr.   |                              |        |
| 4    | Supplying and fixing of following size of steel conduit along with the accessories in surface/recess I/c painting in case of surface conduit or cutting the wall and making good the same in case of recessed conduit. as reqd.  |        |        |                              |        |
| 4.1  | 20 mm  | 2.00   | Mtr.   |                              |        |

8

| S.No | DESCRIPTION   | Qty   | Unit | Rate<br>(In words & Figures) | Amount |
|------|---|-------|------|------------------------------|--------|
| 4.2  | 25 mm   | 5.00  | Mtr. |                              |        |
| 5    | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. |       |      |                              |        |
| 5.1  | 20 mm   | 2.00  | Mtr. |                              |        |
| 5.2  | 25 mm   | 5.00  | Mtr. |                              |        |
| 5.3  | 32 mm   | 5.00  | Mtr. |                              |        |
| 6    | Supplying and fixing metal box of following sizes ( nominal size ) on surface or in recess with suitable size of phenolic laminated sheet cover in the front I/c painting etc as reqd.                    |       |      |                              |        |
| 6.1  | 180 mm x 100 mm x 60 mm deep  | 1.00  | Nos. |                              |        |
| 7    | Supplying and fixing following size/ modules, GI/ plastic box alongwith modular base & cover plate for modular switches in recess etc. as required.   |       |      |                              |        |
| 7.1  | 1 or 2 Module (75mmX75mm)   | 37.00 | Nos. |                              |        |
| 7.2  | 3 Module (100mmX75mm)   | 5.00  | Nos. |                              |        |
| 7.3  | 4 Module (125mmX75mm)   | 5.00  | Nos. |                              |        |
| 7.4  | 6 Module (200mmX75mm)   | 10.00 | Nos. |                              |        |
| 7.5  | 8 module (125mmX125mm)  | 5.00  | Nos. |                              |        |
| 7.6  | 12 module (200mmX150mm)   | 4.00  | Nos. |                              |        |

8

| S.No | DESCRIPTION  | Qty   | Unit | Rate<br>(In words & Figures) | Amount |
|------|--|-------|------|------------------------------|--------|
| 8    | Supply, fixing, following modular type switch / socket on existing modular plate & switch box including connectins but excluding modular plate etc. as reqd.             |       |      |                              |        |
| 8.1  | 5/6 Amp switch   | 61.00 | Nos. |                              |        |
| 8.2  | 2 way 5/6 amps switch  | 2.00  | Nos. |                              |        |
| 8.3  | 15/16 Amp. switch  | 10.00 | Nos. |                              |        |
| 8.4  | 3 Pin 5/6 Amp. socket outlet   | 24.00 | Nos. |                              |        |
| 8.5  | 6 Pin 15/16 Amp. socket outlet.  | 10.00 | Nos. |                              |        |
| 8.6  | Telephone socket outlet  | 1.00  | Nos. |                              |        |
| 8.7  | Bell Push  | 1.00  | Nos. |                              |        |
| 8.8  | Fan regulator socket type rotary step  | 6.00  | Nos. |                              |        |
| 8.9  | Blanking plate   | 3.00  | Nos. |                              |        |
| 9    | Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as  | 24.00 | Nos. |                              |        |
| 10   | Supplying and fixing brass batten/ angle holder including connection etc. as required.   | 12.00 | Nos. |                              |        |
| 11   | Supplying and fixing call bell/ buzzer suitable for ac single phase, 230 volts, complete as required.  | 1.00  | Nos. |                              |        |
| 12   | Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required |       |      |                              |        |
| 12.1 | 50 mm  | 5.00  | Mtr. |                              |        |

8

| S.No | DESCRIPTION  | Qty    | Unit | Rate<br>(In words & Figures) | Amount |
|------|--|--------|------|------------------------------|--------|
| 13   | Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.  |        |      |                              |        |
| 13.1 | 1 run of cable   | 180.00 | Mtr. |                              |        |
| 14   | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) |        |      |                              |        |
| 14.1 | 16 way, Double door  | 1.00   | No.  |                              |        |
| 15   | Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.   |        |      |                              |        |
| 15.1 | Single Pole  | 16.00  | Nos. |                              |        |
| 16   | Supplying and fixing following rating double pole (single phase & neutral) 240 volts RCCB (ELCB), having sensivity current up to 30 mA in the existing MCB DB complete with connection,testing & commissioning etc as reqd.  |        |      |                              |        |
| 16.1 | 63 Amp   | 1.00   | Nos. |                              |        |
| 17   | Supply, Installation, testing & commissioning of AC ceiling fan of following sweep 220 volts without regulator I/c wiring the down rods of standard length up to 30 cm with 1.5 sq.mm. PVC insulated copper conductor single core cable etc as reqd.   |        |      |                              |        |
| 17.1 | 1400 mm  | 2.00   | Nos. |                              |        |

| S.No | DESCRIPTION   | Qty    | Unit  | Rate<br>(In words & Figures) | Amount |
|------|---|--------|-------|------------------------------|--------|
| 18   | Supplying fixing erection of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting complete with all accessories including connecting etc as required (without Lamp). |        |       |                              |        |
| 18.1 | 12W LED surface light   | 2.00   | Nos.  |                              |        |
| 18.2 | Wall bracket 0533   | 4.00   | Nos.  |                              |        |
| 18.3 | LED bulkhead (WT140W LED7S CW PSU S1 PC-9405 Philips make or equivalent as approved make)   | 5.00   | Nos.  |                              |        |
| 19   | S & F wood board of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front etc as reqd.   |        |       |                              |        |
| 19.1 | 100 mm x 100 mm   | 10.00  | Nos.  |                              |        |
| 20   | Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.   | 500.00 | Sq.cm |                              |        |
| 21   | Dismantling of switch / socket /regulator etc. and depositing the same in departmental store as reqd.   | 61.00  | Nos.  |                              |        |
| 22   | Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)                   | 2.00   | Nos.  |                              |        |
| 23   | Dismantling of any type of switch board of any sizes on surface or in recessed etc and depositing the same in departmental store as reqd.   | 35.00  | Nos.  |                              |        |
| 24   | Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.  | 1.00   | Nos.  |                              |        |

8

| S.No             | DESCRIPTION   | Qty   | Unit | Rate<br>(In words & Figures) | Amount |
|------------------|---|-------|------|------------------------------|--------|
| 25               | Supply and laying of HDPE pipe ISI mark of 25 mm (8Kg / cm <sup>2</sup> ) size inner dia, 2mm thick I/c cartage loading & unloading etc. as reqd. |       |      |                              |        |
| 25.1             | Direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.                                      | 70.00 | Mtr. |                              |        |
| 25.2             | In pipe   | 5.00  | Mtr. |                              |        |
| 25.3             | In open duct  | 5.00  | Mtr. |                              |        |
| 25.4             | On surface with MS clamp  | 5.00  | Mtr. |                              |        |
| 26               | Providing and fixing following sizes of PVC casing and capping on surface as reqd.  |       |      |                              |        |
| 26.1             | 20 x 12 mm  | 20.00 | Mtr. |                              |        |
| 26.2             | 25 x 16 mm  | 50.00 | Mtr. |                              |        |
| 26.3             | 32x 16 mm   | 60.00 | Mtr. |                              |        |
| <b>Total Rs.</b> |   |       |      |                              | _____  |



7  
 अधीक्षक अभियन्ता / S.E.  
 सोनियोवि (I.W.D.)  
 भाओप्रौ सस्थान, कानपुर  
 I.I.T., Kanpur  
 Doshi