*CENTRAL WAREHOUSING CORPORATION*
*(A GOVT OF INDIA UNDERTAKING)*

NAME OF WORK: Re-wiring of office block at CW, Sarangapur under AR&MO for the year 17-18

| *Sl. No.* | *Description of work* | *Qty* | *Unit* | *Rate* | *Amount* |
|---|---|---|---|---|---|
| 1 | Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with modular switch, modular plate, suitable GI box and and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required - Group C | 51.00 | Point | 426.00 | 21726.00 |
| | (Rupees four hundred and twenty six only.) | | | | |
| 2 | Wiring for light/power plug with 2x4 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit along with 1 No: 4sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required. | 25.00 | Mtre. | 97.00 | 2425.00 |
| | (Rupees ninety seven only.) | | | | |
| 3 | Wiring for circuit/submain wiring along with earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required. | | | | |
| | (a) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire | 88.00 | Mtre. | 71.00 | 6248.00 |
| | (Rupees seventy one only. | | | | |
| | (b) 4 x 1.5 Sq.mm + 2 x 1.5 Sq.mm earth wire | 25.00 | Mtre. | 272.00 | 6800.00 |
| | (Rupees two hundred and seventy two only.) | | | | |
| 4 | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. | 22.00 | Each | 160.00 | 3520.00 |
| | (Rupees one hundred and sixty only.) | | | | |
| 5 | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required. | 2.00 | Each | 214.00 | 428.00 |
| | (Rupees two hundred and forteen only.) | | | | |
| 6 | 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 amps switch | 11.00 | Each | 46.00 | 506.00 |
| | (Rupees forty six only.) | | | | |
| | (b) 3 pin 5/6 amps socket outlet | 11.00 | Each | 64.00 | 704.00 |
| | (Rupees sixty four only.) | | | | |

| *Sl. No.* | *Description of work* | *Qty* | *Unit* | *Rate* | *Amount* |
|---|---|---|---|---|---|
| 7 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240volts, on surface/ recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable glane plate, interconnections, phosphatized and powder painted including earthing etc. as required. (But without MCB /RCCB/Isolator) | | | | |
| | (a) 12 way double door | 1.00 | Each | 746.00 | 746.00 |
| | (Rupees seven hundred and forty six only.) | | | | |
| | (b) 4 way double door | 3.00 | Each | 450.00 | 1350.00 |
| | (Rupees four hundred and fifty only.) | | | | |
| 8 | Supplying and fixing following rating, double pole 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required - 40amps | 4.00 | Each | 166.00 | 664.00 |
| | (Rupees one hundred and sixty six only.) | | | | |
| 9 | Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole | 16.00 | Each | 86.00 | 1376.00 |
| | (Rupees eighty six only.) | | | | |
| 10 | Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connection but excluding modular plate etc. as required. | 11.00 | Each | 247.00 | 2717.00 |
| | (Rupees two hundred and forty seven only.) | | | | |
| 11 | Supply of surface/pendent mounting industrial box type LED lamp light fitting with CRCA body pre-coated in white and pre-wired for LED tube, suitable for single 18/20W LED tube and 1no 18/20w LED tube etc. as required. (Make: Philips TMC 501 P 1xT-LED or Crompton IGP131LT8-20W or Wipro WCO121208 or equivalent Bajaj) | 26.00 | Each | 1268.00 | 32968.00 |
| | (Rupees one thousand two hundred and sixty eight only.) | | | | |
| 12 | Supply of energy efficient 25W, 2000lumen output LED lamp street light luminaire with die cast aluminium housing, with in built power unit, heat resistant glass and suitably gasketed for IP 65 clause of protection, and suitable for side entry mounting on GI pipe bracket of 40mm OD etc. to give a cool white light complete all as required. (Make: Crompton LST0-25-CDL-25W or Bajaj BRLEP 25W LED or equivalent Philips) | 9.00 | Each | 2342.00 | 21078.00 |
| | (Rupees two thousand three hundred and forty two only.) | | | | |

| *Sl. No.* | *Description of work* | *Qty* | *Unit* | *Rate* | *Amount* |
|---|---|---|---|---|---|
| 13 | Supply of surface mounted decorative 12/14W integral high-powered LED lighting luminaire, with dome shape diffuser etc. complete as required. (Make: Bajaj 'Tara' BGCML 12 01 WH or Crompton 'Orbit' LCDS-14 CDL or equivalent Philips.) | 3.00 | Each | 2052.00 | 6156.00 |
| | (Rupees two thousand fifty two only.) | | | | |
| 14 | Supplying and fixing of 32mm dia. GI pipe bracket (Medium Class) up to 0.75 metre in length, bending to shape and embedding one end of the pipe on the wall of the office block, with suitable arrangement to prevent the pipe from swaying to the sides etc. for mounting sodium vapour/T5/LED lamp street light fitting. | 9.00 | Each | 498.00 | 4482.00 |
| | (Rupees four hundred and ninety eight only.) | | | | |
| 15 | Assembling, installation, testing and commissioning of sodium vapour lamp street light luminaire of all type/T5 lamp/LED street light luminaire, complete with all accessories and lamp etc. on the existing GI pipe bracket, including connection with 1.5sq.mm FR PVC insulated copper conductor single core cable etc. as required. | 9.00 | Each | 275.00 | 2475.00 |
| | (Rupees two hundred and seventy five only.) | | | | |
| 16 | Installation, testing and commissioning of prewired, flourescent fittings/compact flourescent fittings of all types, complete with all accessories and tube etc. directly on ceiling/wall, including connections with 1.5 sq.mm. FR PVC insulated, copper conductor, single core cable and earthing etc. as required. | 29.00 | Each | 43.00 | 1247.00 |
| | (Rupees forty three only.) | | | | |
| 17 | Supply of single phase, 230/250V, 50Hz, 5 star rated 1200mm sweep double ball bearing ceiling fan, white in colour, with blades, canopy, condensor etc. complet as per the direction of the Engineer-in-Charge. (Make: Havells ES 5Star or Usha Technix flair five star or Crompton High breez plus five star) | 11.00 | Each | 2783.00 | 30613.00 |
| | (Rupees two thousand seven hundred and eighty three only.) | | | | |
| 18 | Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30cm) with 1.5 sq.mm FR PVC insulated, copper conductor, single core cable etc. as required. | 11.00 | Each | 45.00 | 495.00 |
| | (Rupees forty five only.) | | | | |

| *Sl. No.* | *Description of work* | *Qty* | *Unit* | *Rate* | *Amount* |
|---|---|---|---|---|---|
| 19 | Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. (a) 25mm | 20.00 | Mtre. | 47.00 | 940.00 |
| | (Rupees forty seven only.) | | | | |
| 20 | Wiring for submain with following sizes of weather proof twin core aluminium conductor cable on GI bearer wire etc. as required. 10sq.mm | 50.00 | Mtre. | 84.00 | 4200.00 |
| | (Rupees eighty four only.) | | | | |
| 21 | Supply of aluminium conductor, XLPE insulated, armoured MV underground power cable of 1.1 KV grade, generally conforming to IS 7098 (Part I)/1988 with up to date amendments if any, of following sizes as required. (Make: Finolex, Polycab, Havells, Nicco, Gloster) (b) 2 x 16 Sq.mm | 105.00 | Mtre. | 177.00 | 18585.00 |
| | (Rupees one hundred and seventy seven only.) | | | | |
| 22 | Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1kV grade of size not exceeding 25sq.mm direct in ground including excavation, sand cushioning, protective covering and re-filling the trench etc. as required. | 90.00 | Mtre. | 85.00 | 7650.00 |
| | (Rupees eighty five only.) | | | | |
| 23 | Laying and fixing of one number PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade of size not exceeding 25 Sq.mm on surface as required. | 15.00 | Mtre. | 31.00 | 465.00 |
| | (Rupees thirty one only.) | | | | |
| 24 | Supplying and making end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required. a) 2 x 16 Sq.mm. | 5.00 | Set | 101.00 | 505.00 |
| | (Rupees one hundred and one only.) | | | | |
| 25 | Earthing with GI earth pipe 4.5m long, 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required. | 2.00 | set | 1971.00 | 3942.00 |
| | (Rupees one thousand nine hundred and seventy one only.) | | | | |
| 26 | Providing and laying earth connection from earth electrode with 6 SWG dia. GI wire in 15mm dia GI pipe from earth electrode as required. | 10.00 | Mtre. | 86.00 | 860.00 |
| | (Rupees eighty six only.) | | | | |

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| 27 | Providing and fixing 6SWG dia GI wire on surface or in recess for loop earthing as required. | 15.00 | Mtre. | 24.00 | 360.00 |
| | | (Rupees twenty four only.) | | | |
| | | **ESTIMATED COST** | | | **186231.00** |
| 28 | **Less:** Credit to the Corporation for the unserviceable scrap materials like aluminium wire pieces, conduit pieces, switches, aluminium shades, broken holders, main switches, rewireable DB's, and other unserviceable hardware etc. | 1450.00 | Lpsm | 1.00 | 1450.00 |

Executive Engineer (Electrical)

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ESTIMATED COST IN SCHEDULE OF QUANTITIES:

**ITEM NO.1 TO 27: Rs. 186231.00**

a) I / We hereby tender our rates as …….. % (…….

…….. Percent)

**ABOVE** the rates entered in the schedule of quantities.

b) I / We hereby tender our rates as …….. % (…….

…….. Percent)

**BELOW** the rates entered in the schedule of quantities.

***SIGNATURE OF THE CONTRACTOR***

**NOTE**: The tenderers should quote their percentage appropriately either at (a) or at (b) above as the case may