

**Siliguri Municipal Corporation**

Electrical Department

Estimate/ Schedule

**Name of Work : ESTIMATE FOR ELECTRICAL WORK OF 2 SEATED Public Toilet in front of Milan pally Govt. Housing, Ward no.-25 Under Siliguri Municipal Corporation OF WEST BENGAL (MODEL NO -F)**

| Sl. No. | SOR Item Reflection                                       | Description of Items   | Qty   | Unit  | Rate (Rs.) | Amount(Rs.) |
|---------|---|--|-------|-------|------------|-------------|
| 1.00    | [PWD Schedule Page No-E-14 Iteam No-2a] [612*1.07=654.84] | Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire(Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switchfixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish. Average run 5 mtr | 12.00 | Point | 654.84     | 7858.08     |
| 2.00    | [PWD Schedule Page No-E-15; 1-4a]                         | Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 5A 3 pin flush type plug socket & Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish On Board (only for pay counter)  | 2.00  | Point | 71.69      | 143.38      |
| 3.00    | Rate From SUDA [ Legrand Page No-92 ]                     | Supplying and fixing 240V 32A Double Pole AC Type 30mA RCCB.(Complete Set) (ISI marked) [Make- Legrand] (Cat No 4113/95)   | 1.00  | Nos   | 5942.00    | 5942.00     |
| 4.00    | [PWD Schedule Page No-E-14 Iteam No-1a(ii)]               | Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC   | 12.00 | mtr   | 127.33     | 1527.96     |
| 5.00    | [PWD Schedule Page No-D-9;Iteam No-13]                    | Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment.<br>a) For (2+4 way) (Make -Havells)  | 1.00  | Nos   | 1000.45    | 1000.45     |
| 6.00    | [PWD Schedule Page No-D-6;Iteam No-7]                     | Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection 6-32A SP MCB (Make -Havells)   | 4.00  | Nos   | 179.76     | 719.04      |
| 7.00    | [PWD Schedule Page No-D-5;Iteam No-6]                     | Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.<br>40A DP MCB Isolator (Make -Havells)   | 1.00  | Nos   | 222.56     | 222.56      |
| 8.00    | (WB I & WD schedule P-113, I-5;3 F.22)                    | Supply of TMC501 conventional industrial batten (Philips make) LED Tube,model no- TMC501 P1xT-LED 22W P3241  | 3.00  | Nos   | 464.53     | 1393.59     |
| 9.00    | [PWD Schedule Page No-C-2;Iteam No-14a]                   | Fixing only single/twin fluroscnt light fitting complete with all accessories directly on wall/ceiling by screws etc.  | 3.00  | Nos   | 92.02      | 276.06      |
| 10.00   | (PWD sch - Page--D-13, I-23) (579+1.07)+75= 694.53        | Supply & fixing Bulk head light fittings with die cast aluminium housing frosted/clear glass on wall/ceiling incl S/F 9 watt LED Lamp complete set. [Make - Havells]   | 3.00  | Nos   | 694.53     | 2083.59     |
| 11.00   | [WB I&WD sch P-111, I-f.9.0.2]                            | Supply & fixing smart bright street light complete with all accessories to be fixed from the wall of building or on pole incl. making holes /providing clamping arrangement & necy. GI reducer as required.S&F 40 mm GI Pipe 1.5 mtr average length & s&f necy length of 1.5 sqmm pvc insulated single core copper wire & making connections as required & mending good damages incl wall paingting. (30 Watt) (Make - Bajaj)  | 1.00  | Nos   | 3106.48    | 3106.48     |
| 12.00   | (UD & MA schedule P-14, I-5))                             | Supply of 9" domestic metal exhaust fan 9" (225mm)SWEEP. TRANS AIR - ( Make-Crompton/Havells/Bajaj)  | 3.00  | Nos   | 1863.00    | 5589.00     |
| 13.00   | [PWD Schedule Page No-C-4;Iteam No-28(b)]                 | Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: 22.5 cm ( 9" )  | 3.00  | Nos   | 264.29     | 792.87      |

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| 14.00  | [PWD Schedule Page No-C-4; Item No-30(b)]   | Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long) For 22.5 cm(9") Exhaust fan  | 3.00   | Nos  | 87.74    | 263.22   |
| 15.00  | (UD & MA schedule P- 23, I- 70)   | Supply of 240V A.C Ceiling Fan ( 48" sweep, 1200 mm complete) [Make-Crompton [ for counter only]   | 1.00   | Each | 2283.00  | 2283.00  |
| 16.00  | [PWD sch P- C-3, I- 21(a)]  | Fixing only Ceiling Fan  | 1.00   | Each | 70.62    | 70.62    |
| 17.00  | [PWD sch P- E-6, I- 17(b)]  | Supply & Fixing 240 V, 16/20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. (For Hand Dryer machine)   | 2.00   | Each | 215.07   | 430.14   |
| 18.00  | (UD & MA schedule P-44 Item 34  | Supply, and fixing of 1 HP self Priming pump: Make- KSB, Peribloc-1  | 1.00   | Each | 6377.00  | 6377.00  |
| 19.00  | [PWD Schedule Page No-E-19, Item No-17]   | S/F 240V 25A Modular type starter (brand approved by EIC)with 25 A. Modular switch DP MCB (C-Curve)and 4 Module G.I. Moduar type switch board with 4 Module Top Cover Plate flushed in wall incl. S/F switch board and Cover Plate and making necy. Connections with PVC Copper wire and earth connectivity wire etc. as per schedule [for Pump]   | 1.00   | Nos  | 838.88   | 838.88   |
| 20.00  | (UD & MA schedule P-14, I-4)  | Supply and Fixing of 2 mm Polyvinyl glow sign board made of 22 SWG GI sheet box with 1"X1" aluminum channel for fixing the vinyl board after necessary cutting the letter as required & slf LED tube light fittings along with all accessories. (30 sqft @495.00/sqft)   | 30.00  | Sqft | 495.00   | 14850.00 |
| 21.00  | Rate From SUDA  | Earthing installation by GI earth Spike (1830 X 20 mm) including 8SWG GI EarthWire & GI nuts, bolts, washer etc.   | 1.00   | Nos  | 450.00   | 450.00   |
| 22.00  | [PWD schedule of Rates (Buildings), Item No- 1(I) /P- 99 (3rd Corri., P:84 of 96) | M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. 1) For structural members of specified sections weighing less than 22.5 Kg/m. : Wt. per M for 1 mtr. length of steel equal angle of 65mm x 65mm x 6 mm is 5.8 kg / m. So for 2 mtr. of steel equal angle of 65mm x 65mm x 6 mm Length is 5.8 kg / m X 2 m = 11.6 kg = 0.0116 MT [Angle for WBSSEDCL Supply] | 0.0116 | MT   | 74571.00 | 865.02   |
| 23.00  | WBSSEDCL FY23-24 Pur Page 8 of 8 SI No 186  | Supply of RE-Wirable Porcelain Cut Out Fuse Unit 32 A  | 1.00   | Nos  | 148.25   | 148.25   |
| TOTAL (A) :  |   |  |        |      |          | 57231.20 |
| Add GST @ 18% on (A) = (B)   |   |  |        |      |          | 10301.62 |
| Cost of Work including GST & excluding Labour welfare Cess (A) + (B) = (C) |   |  |        |      |          | 67532.81 |
| Labour welfare Cess@ 1% on (C) = (D)                                       |   |  |        |      |          | 675.33   |
| Cost of Work including GST & Cess (C) + (D) = (E)                          |   |  |        |      |          | 68208.14 |
| Add Contingency 3% on (C) = (F)  |   |  |        |      |          | 2025.98  |
| Total  |   |  |        |      |          | 70234.13 |
| Say Total  |   |  |        |      |          | 70234.00 |

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Sub Ass. Engineer (Electrical)  
Siliguri Municipal Corporation  
Siliguri

Vetted

Assistant Engineer (Electrical)  
Siliguri Municipal Corporation  
Siliguri