

Siliguri Municipal Corporation

Electrical Department


Estimate/ Schedule

ESTIMATE FOR ELECTRICAL WORK OF 2 SEATED Public Toilet at Bibeka Nanda Sishu uddan ward no -14 Under
Municipal Corporation OF WEST BENGAL (MODEL NO -F)

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 switch fixed 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. 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. 40A DP MCB Isolator (Make -Havells)	1.00	Nos	222.56	222.56
8.00 (WB I & WD schedule P-113, 1- 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 fluroscent 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, 1-23) (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, 1-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 painting. (30 Watt) (Make - Bajaj)	1.00	Nos	3106.48	3106.48
12.00 (UD & MA schedule P-14, 1-5))	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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		Fixing only lower 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
		Supply of 240V A.C Ceiling Fan (48" sweep,1200 mm complete) [Make-Crompton [for counter only]	1.00	Each	2283.00	2283.00
		Fixing only Ceiling Fan	1.00	Each	70.62	70.62
		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 & s/f 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 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 WBSEDCL Supply]	0.0116	MT	74571.00	865.02
23.00	WBSEDCL 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 (E) = (F)						2025.98
Total						70234.13
Say Total						70234.00


 Sub Asst Engineer (Electrical)
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Vetted

 Assistant Engineer (Electrical)
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