

CONSTRUCTION OF MODERN PAY AND USE TOILET AT HEMANTA MUKHOPADHYA METRO STATION IN WARD NO-107, BOROUGH-XII.

Abstract Estimate(Electrical)

SL NO.	SCHEDULE	ITEM	TOTAL QTY	UNIT	RATE	AMOUNT
1	PWD ELECTRICAL SCHEDULE 2017	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision FOR two/four pole MCB, concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision FOR earthing attachment 2 Way				
2	PWD ELECTRICAL SCHEDULE 2017	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 40 A DPL & T	2	EACH	270.00	540.00
			2	EACH	315.00	630.00
3	PWD ELECTRICAL SCHEDULE 2017	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average run 12 mtr				
			10	POINT	1,341.00	13410.00
4	PWD ELECTRICAL SCHEDULE 2017	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour)top cover (3 mm thick) flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average run 11 mtr				
			10	POINT	1,248.00	12480.00
5	PWD ELECTRICAL SCHEDULE 2017	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average run 10 mtr				
			8	POINT	1,154.00	9232.00
6	PWD ELECTRICAL SCHEDULE 2017	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average run 9 mtr				
			4	POINT	1,061.00	4244.00
7	PWD ELECTRICAL SCHEDULE 2017	Supply & Fixing 240 V, 6 A, 3 pin Modular type plug socket brand(approved by EIC) with 6A Modular type switch, without plug top on 4 Module GI Modular type switch board with 3 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc				
			4	EACH	377.00	1508.00
8	PWD ELECTRICAL SCHEDULE 2017	Supply & Fixing 240 V, 16 A, 3 pin Modular type plug socket brand(approved by EIC) with 16A Modular type switch, without plug top on 4 Module GI Modular type switch board with top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.				
			3	EACH	456.00	1368.00
9	PWD ELECTRICAL SCHEDULE 2017	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required 3 x 22/0.3 (1.5 sqmm)				
			80	R METER	48.00	3840.00

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10	PWD ELECTRICAL SCHEDULE 2017	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required 2x36/0.3 (2.5 sqmm) + 1x27/0.3 (1.5 sqmm) as ECC	60	R METER	65.00	3900.00
11	PWD ELECTRICAL SCHEDULE 2017	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand(approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required 2x56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC	40	R METER	95.00	3800.00
12	PWD ELECTRICAL SCHEDULE 2017	Concealed Wiring With PVC Insulated and Sheathed Wires in Polythene Pipes - Laying & Fixing Polythene Pipe, MS Boxes, Switches etc. Cutting channel of 43 mm x 43 mm size on masonry wall incl. S&F heavy gauge polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI Wire as fish wire incl. mending good damages to building works 25 mm dia 3 mm thick polythene pipe without earth continuity wire	85	R METER	111.00	9435.00
13	PWD ELECTRICAL SCHEDULE 2017	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. I&T 2+10 way Enclosure (LTSD12N)	2	EACH	1479.00	2958.00
14	PWD ELECTRICAL SCHEDULE 2017	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection I&T 6-32A DP	2	EACH	478.00	956.00
15	PWD ELECTRICAL SCHEDULE 2017	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection I&T 6-32A SP	10	EACH	160.00	1600.00
16	PWD ELECTRICAL SCHEDULE 2017	Compression Glands. Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring FOR dust & moisture (proof entry of XLPE/PVC armoured cables as below : FOR 2 core. upto 10 sqmm	8	EACH	115.00	920.00
17	PWD ELECTRICAL SCHEDULE 2017	Finishing cable ends. (b) Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials. 2 core 10 sqmm cable	8	SET	34.00	272.00
18	PWD ELECTRICAL SCHEDULE 2017	Laying on Wall / surface with Saddles / clamps. (a) Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (HOT Dip) Wire, making holes etc. as necy. mending good damages and painting	80	R METER	57.00	4560.00
19	UDMA. ELECTR IC. MECH. WORK (VOL-1) OCT 18 11-B/1/a/1	Supplying of 1.1 KV. Grade PVC insulated Conductor of following cables (make: Polycab/ Gloster/Havells/): Size in No & dia. No of Core Sq. mm of wire in mm No of Core - 4 1/2. 24 2	65	R METER	73.00	4745.00
20	PWD ELECTRICAL SCHEDULE 2017	(H) Street lights : 5. Supplying & Fixing GI waterproof type looping cable box size 200x150x100 mm deep having 4 mm thick comprising of one 250 V 15 A kit-kat fuse unit, one NL on porcelain insulator, one compression type brass cable gland FOR upto 2- core 16 sqmm PVC/A cable and having lined with rubber gasketed GI top cover with brass machine screws etc., earthing terminal with lug, on steel tubular pole near base, including S&F 40x6 mm thick, MS clamps with bolts, nuts etc. including painting with anticorrosive paint	4	SET	458.00	1832.00

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21	PWD ELECTRICAL SCHEDULE 2017	INSTALLATIONS. Earthing Installation by GI pipe ... (FOR Substation Neutral/Equipment earthing). Earthing with 80 mm dia GI pipe (TATA (Medium) x 3.0 Mts. long and 1 No. 65 mm x 8 mm galvanized (HOT Dip) steel strip (4 Mts. long), 20 mm dia x 125 mm long galvanized bolt, double nuts, double washers including finishing both ends by making holes etc. and S & F 80 mm dia GI pipe (SI Medium) protection (3 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level to an average depth of 3.65 Mts	2	SET	5349.00	10698.00
22	PWD ELECTRICAL SCHEDULE 2017	Extra FOR providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep below Ground level) complete with cemented brick work (1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe	2	ITEM	915.00	1830.00
23	PWD ELECTRICAL SCHEDULE 2017	Extra FOR treatment of soil by using salt & charcoal or coke FOR plate electrode	2	ITEM	531.00	1062.00
24	PWD ELECTRICAL SCHEDULE 2017	SCHEDULE OF RATES FOR EARTHING INSTALLATIONS. Soil Excavation. Excavation of soil FOR installation of Earth Electrode and filling & ramming. FOR Soft Soil.	2.16	CUM	215.00	464.40
25	PWD ELECTRICAL SCHEDULE 2017	Earth busbar Supplying & fixing earth busbar of galvanized (HOT Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required	25	R METER	156.00	3900.00
26	PWD ELECTRICAL SCHEDULE 2017	Earth continuity condnector Connecting the equipments to earth busbar including S & F GI (HOT Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages. Solid GI wire. No. 6 SWG	30	R METER	13.00	390.00
27	UDMA. ELECTRICAL MECH. WORK (VOL-1) OCT 18 14-B/6	Supply and delivery of 230V, 50Hz Heavy duty Metal 9" exhaust fan.	4	EACH	1863.00	7452.00
28	UDMA. ELECTRICAL MECH. WORK (VOL-1) OCT 18 23-B/71/a	Supply and delivery of Wall fan 16... Sweep metal blade Crompton Greaves make	10	EACH	2946.00	29460.00
29	PWD ELECTRICAL SCHEDULE 2017	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 23 cm (9") diameter	4	EACH	247.00	988.00
30	PWD ELECTRICAL SCHEDULE 2017	Fixing only cabin fan on wall/ceiling by S&F rag bolts, nuts & washers (6 mm dia x 62 mm long) or as reqd. incl. S&F 24/0.20 PVC insulated flexible copper wire 0.5 mt. length	10	EACH	92.00	920.00
31	UDMA. ELECTRICAL MECH. WORK (VOL-1) OCT 18 44-E/34	Supply, and fixing of 1 HP self Priming pump: Make- KSB, Peribloc-1	1	EACH	6377.00	6377.00
32	UDMA. ELECTRICAL MECH. WORK (VOL-1) OCT 18 14-B/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	40	SQ FT	495.00	19800.00

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Executive Engineer (Civil)
Uttaran Services Department
K. M. C.

17/12/25
Dy. Chief Engineer (Civil)
Uttaran Services Department
K. M. C.

D. G.
Uttaran Services Department
K. M. C.

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33	Irrigation Schedule-2022 Pg-111,5.3.F.9.0.2	SUPPLY AND FIXING OF SMART BRIGHT ESSENTIAL STREET LIGHT (30 WATT) COMPLETE WITH ALL ACCESSORIES TO BE FIXED /PROJECTED FROM THE WALL OF THE BUILDING OR ON POLE INCL. MAKING HOLES/ PROVIDING CLAMPING ARRANGEMENT & NECY. GI REDUCER AS REQUIRED. S&F 40 MM GI PIPE (ISI-MEDIUM) QUALITY 1.5 MTS. AVERAGE LENGTH HAVING SUITABLE BEND S&F NECY. LENGTH OF 1.5 SQMM PVC INSULATED SINGLE CORE STRANDED ANNEALED COPPER WIRE AND MAKING CONNECTIONS AS REQUIRED AND MENDING GOOD DAMAGES TO WALL INCL. PAINTING ETC. MAKE : BAJAJ, 30 WATT	8	EACH	3016.00	24128.00
34	Irrigation Schedule-2022 Pg-127,5.3.L.2	S&F of Acrylic lefler scripted in English/Bengali. size and matter of lefler as per approved drawing by EIC, front side of the lefler to be made 6mm thick imported (White- 0.40) uv stabilized excellent to self display. Make- Acast, Mitsubishi, all lefler will be raised minimum 2" to be fixed by special type of solution. (total sqm of Each lefler is to be measured based on its front surface area)	2.4	Sq. M	11488.00	27571.20
35	Irrigation Schedule-2022 Pg-127,5.3.L.3	S&F LED lamp incl. best quality LED lighting arrangement to be fixed by proper arrangement with complete connection. (1 module contain 3 nos LED, 0.5 W Each	250	Module	53.00	13250.00
36	Irrigation Schedule-2022 Pg-127,5.3.L.4.2	S&F Water proof power supply system IP65, output volatge : 12V/24V DC, 50/60Hz frequency, 108 to 305 VAC power supply, >.95 power factor for LED lamp. (Make : Meanwell) 300 Watl, Model ELG 300	1	EACH	7035.00	7035.00
37	Irrigation Schedule-2022 Pg-111,5.3.F.5	SUPPLY AND FIXING OF PHILIPS SMARTBRITE XTRA 2FT RUN LENGTH LED BATTEN TUBE LIGHT, 12 WATL INCL FIXING ONLY FLUORESCENT LIGHT FIXING SUSPENDE 25 CM BELLOW THE CEILING WITH 2 NO. 20 MM DIA EI CONDUIT (14 SWG) SUPPORTS INCL. S&F EI CONDUIT, BALL SOCKET/SOCKET TYPE CEILING PLATE AND CONNECTING THE LENGTH OF PVC INSULATED WIRE AND PAINTING ETC. AS REQUIRED BY 2X24/0.20 MM (1.5SQMM) FLEXIBLE COPPER WIRE OF 1.10 MT. LENGTH	14	EACH	728.00	10192.00
					TOTAL	247747.6
					ADD 18% GST	44594.57
					TOTAL	292342.17
					ADD 1% CESS	2923.42
					GRAND TOTAL	295265.59
					SAY	295266.00


