

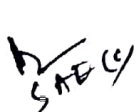



**Abstract Estimate(Electrical)**

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	EACH	270.00	540.00
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	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 FIC) 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 FCC 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 FIC) 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 FCC 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 FIC) 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 FCC 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 FIC) 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 FCC 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 FIC) 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 FIC) 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 FIC) 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



  
 Executive Engineer (Civil)  
 Uttaran Services Department  
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Sl. NO.	SCHEDULE	ITEM	TOTAL QTY	UNIT	RATE	AMOUNT
10	PWD ELECTRICAL SCHEDULE 2017	Supplying and Drawing 1.1 KV single core stranded 'IR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by IIC) 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 (7.5 sqmm) + 1x27/0.3 (1.5 sqmm) as ECC	60	R M I T T R	65.00	3900.00
11	PWD ELECTRICAL SCHEDULE 2017	Supplying and Drawing 1.1 KV single core stranded 'IR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by IIC) 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 (7.5 sqmm) as ECC	40	R M I T T R	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 M I T T R	111.00	9435.00
13	PWD ELECTRICAL SCHEDULE 2017	Supplying and fixing double-door SPN MCB Distribution Board with IP-47/43 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 .1&T 7+10 way Enclosure (LTSD12N)	2	E A C H	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	E A C H	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	E A C H	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	E A C H	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	S I T	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 M I T T R	57.00	4560.00
19	UDMA. ELECTRIC- MECH. WOR K (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 M E T E R	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	S L T	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				
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	SFT	5349.00	10698.00
23	PWD ELECTRICAL SCHEDULE 2017	Extra FOR treatment of soil by using salt & charcoal or coke FOR plate electrode	2	ITEM	915.00	1830.00
24	PWD ELECTRICAL SCHEDULE 2017	SCHEDULE OF RATES FOR EARTHING INSTALLATIONS. Soil excavation. Excavation of soil FOR installation of Earthing Electrode and filling, & ramming, FOR Soft Soil.	2	ITEM	531.00	1062.00
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	2.16	CUM	215.00	464.40
26	PWD ELECTRICAL SCHEDULE 2017	Earth continuity condnetor 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	25	R METER	156.00	3900.00
27	UDMA ELECTRICAL MECH. WORK (VOL-1) OCT 18 14-B/6	Supply and delivery of 230V, 50Hz Heavy duty Metal 9" exhaust fan.	30	R METER	13.00	390.00
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	4	EACH	1863.00	7452.00
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	10	EACH	2946.00	29460.00
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	4	EACH	247.00	988.00
31	UDMA ELECTRICAL MECH. WORK (VOL-1) OCT 18 44-F/34	Supply, and fixing of 1 HP self Priming pump: Make- KSB, Peribloc-1	10	EACH	92.00	920.00
37	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	1	EACH	6377.00	6377.00
			40	SQ FT	495.00	19800.00

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Sl. NO.	SCHEDULE	ITEM	TOTAL QTY	UNIT	RATE	AMOUNT
33	Irrigation Schedule-2022 Pg-111,5.3.F.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 & N.E.C.Y. GROUNDING AS REQUIRED. S&T 40 MM GI PIPE (5% MEDIUM) QUANTITY 1.5 MTS. AVERAGE LENGTH HAVING SUITABLE BEND S&T N.E.C.Y. LENGTH OF 1.550MM PVC INSULATED SINGLE CORE STRANDED ANNIELED 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&T of Acrylic letter scripted in English/Bengali, size and matter of letter as per approved drawing by EIC, front side of the letter to be made 6mm thick imported (White-0.40) uv stabilized excellent to self display. Make: Arcast, Mitsubishi, all letter will be raised minimum 2" to be fixed by special type of solution. (total sqm of each letter 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&T 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				
			200	Module	53.00	10600.00
36	Irrigation Schedule-2022 Pg-127,5.3.L.4.2	S&T 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 Watt, Model FFC 300				
			1	EACH	7035.00	7035.00
37	Irrigation Schedule-2022 Pg-111,5.3.F.5	SUPPLY AND FIXING OF PHILIPS SMARTBRITE XTRA 2 FT RUN LENGTH LED BATTEN TUBE LIGHT, 12 WATT INCL. FIXING ONLY FLUORESCENT LIGHT FITTING SUSPENDED 25 CM BELOW THE CEILING WITH 2 NO. 20 MM DIA. FI CONDUIT (14 SWG) SUPPORTS INCL. S&T FI 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 (1.550MM) FLEXIBLE COPPER WIRE OF 1.10 MT. LENGTH				
			14	EACH	728.00	10192.00
					TOTAL	245097.6
					ADD 18% GST	44117.57
					TOTAL	289215.17
					ADD 1% CESS	2892.15
					GRAND TOTAL	292107.32
					SAY	292107.00

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