

TENDER DOCUMENT						
SCHEDULE OF QUANTITIES FOR ELECTRICAL WORKS						
PROPOSED type-III RESIDENTIAL						
SI.No.	DESCRIPTION		QTY.	UNIT	RATE	AMOUNT
1	Wiring points for light with 1 sqmm.FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe partly concealed in wall and partly laid in slab along with the reinforcement before concreting, complete with 1.5 sqmm.FR PVC insulated multistrand copper conductor cable as					
	earth continuity wire and piano type switch etc. complete in all respects.	138©	150	PT		
2	Same as item No.(1) but for call bell	142 b	6	PT		
3	Same as item No.(1) but for fan and light duty exhaust fan.	140©	30	PT		
4	Same as item No.(1) but for 5 amp plug point with piano type switch and socket etc.	141©	30	PT		
5	Supply and wiring of submain 2 number 4 sqmm . FR PVC insulated 1100 V grade multistranded single core copper conductor cable in heavy duty 20mm dia PVC conduit partly concealed in wall and partly laid in slab along with one number 2.5 sqmm FR PVC insulated multistranded copper conductor					
	cable as earth continuity wire etc. complete in all respects.	221©	500	Rm.		
6	Erection and testing of exhaust fan on the existing hole with suitable size of rag bolts,nuts and washers etc, complete in all respects.	1120	18	Each		
7	Erection and testing of ceiling fan and regulator for room height upto 35mts. including supply of 3mm thick G.I. down rod 19mm dia dully painted, complete in all respects.					
		1116	18	Each		
8	S/F of hexagonal fan box with hexagonal side of approx. 80mm in length fabricated from 16 SWG M.S. sheet incorporating with 10mm. dia. M.S. round bar duly bent for supporting fan hanger duly painted with red oxide and screwing arrangement with wiring					
	conduit laid in the R.C.C. roof before concreting along with supply of all materials, labour, T & P etc. for proper completion of work.	1149	18	Nos.		

9	Supply and wiring of 4 number 6 sqmm .PVC insulated 1100 V grade single core aluminium conductor cable in 32mm dia heavy duty (2mm thick) PVC conduit partly concealed in wall and partly laid in slab along with two number 4 sq.mm. FR PVC insulated multistrand copper conductor cable as					
	earth continuity wire etc. complete in all respects.	277©	300	M		
EARTHING AND LIGHTING CONDUCTOR :						
10	Supply & burrying of 600m x 600mm x 3mm copper plate, vertically for earthing with its top at least 3 m below ground level complete 20mm dia. G.I.pipe and funnel for watering and one earthing lead of no. 8 SWG G.I. wire in 15 mm dia. GI pipe upto switch board (from apron to switch board the cost of GI pipe & GI wire will be extra) 300mm square C.I. frame with hinged cover, masonary housing alternate layer of charcoal/coke and salt atleast 150mm thick alround etc. as per the direction of engineer in-charge complete in all respect .					
	all respects.	705	6	Nos.		
11	Supplying & Laying of one number 8 to 6 SWG G. I. wire in 15 mm. dia. G. I. pipe for earthing, laid in ground or in wall duly concealed including the cost of cement, sand, labour, T & P and other material required for proper completion of the work as directed at site.					
	Same as PS 721 but with one number 8 SWG copper wire	721	150	m		
CABLES						
501	Supply and laying of aluminium conductor PVC. insulated armoured, served, sheathed cable 1100 volts grade at 750 mm below ground level over a cushion of 75 mm thick sand around & protected with brick on sides & top on surface the cable run shall be fixed on M.S. clamps etc. of suitable size complete in all respect. The armouring of the cable shall be properly connected with the earth conductor by clamps etc.Make- Havels / Pasaka					
	10 sqmm 2 core		200.00	M		
503	Supply and fixing of brass nickle plated compression gland for PVC insulated and armoured served sheathed, under ground cable including rubber ring etc. complete with all respects, the armouring of the cable shall be properly connected with earth as per direction of Engineer-in-charge.					
	10 sqmm 2 core		6	Nos.		

504	Supply and fixing of palm or pin type copper tin plated cable socket (Lug) to the cable leads, including with tape, making connections etc. complete in all respects as per directions of the Engineer-in-charge.		24	Nos.		
DISTRIBUTION BOARDS, SWITCHES & MINIATURE CIRCUIT BREAKERS						
12	Supply and fixing of flush/surface mounting distribution boards complete in all respects.					
	a) 4 Way TPN	1026	6	Nos.		
	b) 6 Way TPN	1027	2	Nos.		
13	Supply and fixing of 240 volts 'L' series miniature circuit breaker in existing MCB, DB complete with connections as required.					
	a) 5 - 32 amps.	1002	75	Nos.		
14	Supply and fixing 25 Amp. TPN miniature circuit breakers in existing MCB, DB complete in all respects as required.	1019	6	No.		
15	S/F 63 Amp. 415 V metal clad TPN HRC type switch fuse unit complete with HRC fuse, on angle iron frame complete in all respects.	316	6	Nos.		
16	Supply and fixing following rating four pole, 415 volts isolator in the existing MCB DB complete with connections, as required.					
	a) 63 Amps.	1007	6	Nos.		
LUMINAIRES						
17	S/F of single light ,wall bracket made of brass fixed on matching M.D.F.E.G. board base etc. complete in all respects.	412	60	Nos.		
18	Supply & fixing of ceiling fitting fixed on matching M.D.F.E.G. Board base including connections with existing outlet. The base of ceiling fitting shall be fabricated from 22 gauge CRCA sheet in square shape finished with black matt surface complete with 3mm thick export quality acrylic moulded cover and heavy duty brass holder of Kinial/or any other approved make complete in all respects	415 (A)	6	Nos.		
19	S/F of factory wired HPF box type fluorescent tube light fitting suitable for 1 x 40 watt fluorescent tube complete including tube etc. complete in all respect.	453	24	Nos.		
TOTAL (SCHEDULED ITEMS)						

PART B						
SI.No.	DESCRIPTION		QTY.	UNIT	RATE	AMOUNT
20	Supply of AC 230/250 volts, 50 Hz ceiling fan with standard down rod, blades etc. complete (Crompton Greaves/GEC/ORIENT/BAJAJ)					
	a) 1400 mm sweep	N.S.	18	Nos.		
21	Supply of AC 230/250 volts, 50 Hz exhaust fans including providing nuts, bolts, mounting frame and other accessories etc. complete. (GEC/Crompton or equivalent make)					
	a) 300 mm sweep 1400 rpm	N.S.	6	Nos.		
	TOTAL NON SCHEDULED ITMES					