Bill of Quantities

Provn of Main Ext Electric Sup for Trg Area Gv

Ser	Description of Work	Qty	Unit
1	**S/F Cable electric** LT PVC insulated, PVC sheathed, Un **armoured**, overall PVC, 600/1000V with stranded **aluminium conductor 25**mm^2 4 core, laid in trenches, complete with bricks, sand *(excl cost of excavation)*.	672	Mtr
2	**S/F PVC Heat Shrink (HS) Termination kit** LT indoor/outdoor consisting of heat shrink boot, lugs, clips and earth wire etc suitable for LT Cable **armoured 25 to 35** mm^2.	2	Each
3	**S/F Feeder Pillar Cabin**, size600 x 450 x 900 mm, made of steel sheet (14 BG) and angle iron frame size 38 x 38mm, with water resistance, hinged cover having locking arrangement, duly painted of approved quality, consisting of hard drawn insulated copper bus-bars 4 nos capacity 300 -300 A, mounted on good quality porcelain base/cleats with brass nut / bolts off sizes, drilled holes of appropriate size for inlets and outlets cables, earthing jointing system, Foundation of CC Type B and suitable arrangement for breakers incoming and out going, (excl cost of breaker)	2	Each
4	**S/F Earth**, complete as described inPara 24.18.5 of the Specifications, with 2 SWG copper conductor.	2	Each
5	MCCB, 3 Pole 500/600 V, 50/60 cycles, complete with thermal and magnetic trips, 3 to 30 A, (breaking capacity 2.5 KA), supply and fixing.	8	Each
6	S/F Cable Marker	24	Each
7	Excavation in Hard soil for Cables as per excavation 1150*1*0.5	335	Cum

Bill of Quantities

Provn of Ext Electric Sup Distr for Trg Area Gwd

Ser	Description of Work	Qty	Unit	S
1	**S/F Cable electric** LT PVC insulated, PVC sheathed, Un **armoured**, overall PVC, 600/1000V with stranded **aluminium conductor 25**mm^2 4 core, laid in trenches, complete with bricks, sand *(excl cost of excavation)*.	500	Mtr	2
2	S/F Twin core cable 10 mm^2 copper conductor, PVC insulated cable complete (excluding conduit).	250	Mtr	2
3	**S/F PVC Heat Shrink (HS) Termination kit** LT indoor/outdoor consisting of heat shrink boot, lugs, clips and earth wire etc suitable for LT Cable **armoured 25 to 35** mm^2.	4	Each	2
4	**S/F Earth**, complete as described inPara 24.18.5 of the Specifications, with 2 SWG copper conductor.	4	Each	2
5	S/F Cable Marker	9	Each	2
6	Excavation in Hard soil for Cables as per excavation 500*1*0.5=250 250*0.3*0.5	187	Cum	-(
7	MCCB, DP, 6 to 63 A. (Breaking capacity 6 KA), supply and fixing	15	Each	24
8	MCCB, SP, 6 to 63 A. (Breaking capacity 6 KA), supply and fixing	35	Each	24
9	Distribution Board, steel sheet (16 BG) with hinged over, having locking arrangement, enamel painted, suitable for housing of different capacities of MCCBs etc (as required), .13*1*1.5*0.0929	1.8116	Sqm	24
10	S/F LED Flood Security Light, 30 Watts, 220-240 Volts, approved type "Standard", complete .	23	Each	25-

Bill of Quantities

Provn of Internal Electric Sup for Trg Area Gwd

Ser	Description of Work	Qty	Unit
1	S/F Twin core cable 10 mm^2 copper conductor, PVC insulated cable complete (excluding conduit).	595	Mtr
2	S/F Twin core cable 10 mm^2 Aluminium conductor, PVC insulated cable complete (excluding conduit).	960	Metre
3	**S/F Earth**, complete as described inPara 24.18.5 of the Specifications, with 2 SWG copper conductor.	7	Each
4	Excavation in Hard soil for Cables as per excavation 1710*0.3*0.5=219	233	Cum
5	PVC conduit, 20 mm dia, complete with all bends, tees, boxes, saddles etc for Surface wiring, and concealed wiring, .	100	Metre
6	Lamp holder, batten BC, with shade carrier ring, 20 mm, all insulated reinforced linear, supply and fixing.	22	Each
7	Wiring in conduit surface, concealed, flame proof, with single core PVC insulated cable, installed and connected complete (excluding conduit) single core cable, 1.5 mm^2, supply and fixing.	297	Metre
8	Wiring in conduit surface, concealed, flame proof, with single core PVC insulated cable, installed and connected complete (excluding conduit) single core cable, 2.5 mm^2, supply and fixing.	260	Metre
9	FOUR gang switch, 10 A, 250 V, including PVC/steel back box with proper screws supply and fixing.	20	Each
10	LED/SMD Bulb, 18 watts, 220/240 volts, approved type supply and fixing	22	Each
11	Fan electric, Energy Efficient with remote control, AC/DC 220 V, copper winding, blades, canopy and rod including connection, provision of cable and ceiling rose for fan, 140 and 120 cm sweep, (without regulator) of approved type, supply and fixing.	15	Each