

**Special Repairs to Power block roofing work in ESIC Regional office, cycle shed and electrical works at staff quarters in Chennai-34**

**Financial Bid**

<b>S. No</b>	<b>DSR No.</b>	<b>Description of Item</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Rate in figures</b>	<b>Total</b>
1.1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m - All Kinds of soil	49.140	Cum		
2	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	9.36	Cum		
3	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	24.01	Cum		
4.1	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for all heights. - Columns, Pillars, Piers, Abutments, Posts and Struts	208.96	Sqm		
5	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1891.71	Kg		
6.1	10.25.2	Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required - In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	10547.738	Kg		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
7	9.128	Providing and fixing factory made Fiberglass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1 nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted monolithically, including all necessary fittings . The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS: 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS: 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight.	196.26	Sqm		
8	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	643.80	Sqm		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
9.1	15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead - Of area 3 sq. metres and below	176	Each		
10.1	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	224.15	Cum		
11	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	57.04	Cum		
12	14.75	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.	43.35	Sqm		
13.1	6.13.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. - Cement mortar 1:4 (1 cement :4 coarse sand)	41.72	Sqm		
14	13.6.1	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	106.06	Sqm		
15	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead for all leads including all lifts involved	281.19	Cum		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
16.1	1.8.2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. - Group B	15.00	Point		
17	1.11	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required	112.00	Point		
18.1	1.14.2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required - 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	498.00	Mtr		
19.1	1.23.3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required - 15/16 amp switch	5.00	Nos		
19.2	1.23.5	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required - 6 pin 15/16 amp socket outlet	5.00	Nos		
20	1706	6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA breaking capacity	6.00	Nos		
21	1714	40 amps., 4 pole isolator	1.00	Nos		
22	SD 114	AC Exhaust fan 300mm (12") sweep light duty	5.00	Nos		
23	MR	Supplying and providing of 33 W LED street light Fittings	18.00	Nos		
24	SSr I-7a	Providing and fixng of Hylem sheet	22.40	Sqm		

**Total**