

**Special Repairs to Compound wall & Paver Block at RO Quarters and Electrical Works for Metering Panel at
ESIC Regional Office Staff Quarters Campus, Chennai- 34**

FINANCIAL BID

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
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 -All Kinds of soil	55.08	Cum		
2	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	5.83	Cum		
3	2.28.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m-2.28.1 All kinds of soil	5131.31	Cum		
4	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).	11.54	Cum		
5	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)	5.83	Cum		
6	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : graded stone aggregate 20 mm nominal size	4.86	Cum		

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
7	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size	5.67	Cum		
8	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for all heights. - Lintels, beams, plinth beams, girders, bressumers and cantilevers	32.40	Sqm		
9	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	141.50	Cum		
10	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.	2054.47	Kg		
11	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	24.57	Cum		
12	6.4.2	Brick work 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 in all shapes and sizes in-Cement mortar 1:6 (1 cement : 6 coarse sand)	60.12	Cum		
13	13.6.1	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	777.25	Sqm		
14	13.63.1	Painting with aluminium paint of approved brand and manufacture to give an even shade .-Two or more coats on new work	3884.16	Sqm		
15	13.46.1	Finishing walls with Acrylic Smooth exterior paint of required shade :-New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	1366.40	Sqm		

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
16	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :-Two or more coats on new work	77.24	Sqm		
17	14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	2003.19	Sqm		
18	14.66.1	Finishing walls with Acrylic Smooth exterior paint of required shade:-Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	2003.19	Sqm		
19	14.1.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	186.42	Sqm		
20	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.	2.73	Cum		
21	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	56.86	Cum		

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
22	16.18.1	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. 16.18.1 With G.I. barbed wire	6594.15	Rmt		
23	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete-50x50 x6mm MS Angle fixing for barbed wire fencing	1233.00	Kg		
24	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	5131.31	Sqm		
25	16.74.1	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with :-Moorum	5131.31	Sqm		

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
26	19.4.1.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design-19.4.1 100x100 mm size P type-19.4.1.1 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	88.00	Each		
27	19.7.2.1	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design -Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg)-With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	54.00	Each		
28	5.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required	22.00	Each		
29	2904	8 SWG copper wire (4.0 mm dia)	44.00	Kg		
30	SSR- E-6-c	8 ways 15 Amps Neutral link	22.00	Each		

S. No	DSR No.	Description of Item	Qty	Units	Rate	Total
31	MR	Design, fabrication, assembling, wiring, supply, installation, testing and commissioning of Metering Panel shall be fabricated out of Shell: 2mm; Inner Partition: 1.6mm CRCA sheet steel. Cable gland plates shall be provided on top as well as at the bottom of the panel as per Cable entry. Incommer-300A TPN CUTOUT FUSE and R,Y,B Indication Lamps with control fuses, Bus Bar-ALUMINIUM-300Amps 1R-40x10 for Phase,1R-40x06mm for Neutral with necessary BusBar Support, Outgoing-63A TPN MCB 4 - Nos, 63A TPN MCB CUTOUT FUSE - 4 Nos, Provision for EB Metre -4 Sets, COMMON STAIR CASE -2P - 32 MCB -1 Nos, Panel Type Indoor - IP42, Switch Gear - L&T, Powder Coating - RAL 7032	6.00	Set		
32	MR	Supply of 36 W LED street light Fittings	2.00	Nos		

TOTAL