

Financial Bid

Name of Work : Special Repairs to Roof and Damaged Compound wall and arrangement of Street lights in ESI Dispensary and Staff Quarters campus at Redhills, Chennai

Item No	DSR Item No.	Description	Qty	Unit	Unit Rate in figures	Amount
1.1	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: - 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.41	Cum		
2.1	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)	18.91	Cum		
3.1	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)	171.66	Sqm		
4.1	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	600.00	Kgs		
5.0	12.20	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete	816.39	Sqm		
6.1	13.5.1	15 mm cement plaster on rough side of single or half brick wall of mix: - 1:4 (1 cement : 4 coarse sand)	668.06	Sqm		
7.0	15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer-in-charge.	81.66	Cum		
8.1	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	3.29	Cum		

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9.0	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	206.37	Sqm		
10.1	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 metres (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 serarately) :- Payment to be made per metre cost of total length of barbed wire used. - With G.I. barbed wire	1212.00	Mtr		
11	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.	938.09	Kgs		
12.1	19.1.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete: - 100 mm diameter	278.00	Mtr		
13.1	19.2.1	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design: - 100 mm diameter S.W. pipe	278.00	Mtr		
14.1	19.5.1	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps: - 100 mm diameter	278.00	Mtr		

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15.2	19.7.3.2	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 (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) : - With Sewer bricks conforming to IS : 4885	32.00	Each		
16.1	19.8.1.1	Extra for depth for manholes - Size 90x80 cm - With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	12.50	Mtr		
17.0	DATA A	Weathering course using concrete broken brick jelly 20 mm guage in pure slaked lime (No sand to be used) over RCC roof slab. The proportion of broken brick jelly to slaked lime being 32:12.5 cft well beaten by wooden beaters for giving required slope and thickness required etc. complete complying with standard specifications and as directed by Departmental Officers Lead 12 Km	81.66	Cum		

Item No	DSR Item No.	Description	Qty	Unit	Unit Rate in figures	Amount
18.0	MR 4	Roof Slab water proof treatment - Providing water proofing treatment for roof slab with Polymeric Membrane coating like (BRUSH BOB RFX or equalant) surface shall be cleaned and free from dirt or any other form of foreign matter. Acid wash and water wash the surface and allow the surface to dry. mix the Part A and part B of the polymer modified cementitious coating mechanically using an electrical operated mix paddle. apply the same in two coats over the prepared surface one after the other dry up with minimum interval of 4 hours between the coats. Providing pressure grouting in all the vertical and Horizontal joint including the suspected areas	816.39	Sqm		
19.0	MR 5	Protective Plaster for Polymeric membrane coat - Providing Cement sand mortar 1: 4 and apply the same to an average thickness of 12 mm cement finished with a coating coat of neat cement of mix with water proofing compound of complast X421 IC or equalant approved quality in proportion recommended by the manufacturers	816.39	Sqm		
20.0	SD-204	Supply and laying of 3.5x25 Sqmm PVC armoured LT UG Cable in a trench to be excavated at a depth of 0.75 mtr putting 0.15 mtr layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good	501.00	Mtr		
21.0	SD 102	Supply and fixing of 65 mm (2 1/2") GI pipe (Class 'B') of 6 mt. Length with 300mm x 300mm x 6mm MS base plate, duly	15.00	Each		
22.0	MR	Supplying and providing of 33 W LED street light Fittings	21.00	Each		

TOTAL