

**SPECIAL REPAIRS TO COMPOUND WALL, BITUMINOUS ROAD & STREET LIGHT IN ESI HOSPITAL AT  
HOSUR  
FINANCIAL BID**

<b>S.No</b>	<b>DSR /MR</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</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 upto 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	Cum	126.04		
2.0	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	19.82		
3.1	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 : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size	Cum	16.61		
4.1	5.1.2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : - 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	Cum	32.24		
5.1	5.2.2	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. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : - 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	25.8		

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6.1	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for - Foundations, footings, bases of columns, etc. for mass concrete	Sqm	38.95		
6.2	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	159.15		
6.3	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	207.14		
7.1	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	Kgs	4876.7456		
8.1	6.1.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : - Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	31.18		
9.1	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)	Cum	124.43		
10.1	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	Kgs	529.20		
11.1	13.6.1	20 mm cement plaster : - 1:4 (1 cement : 4 coarse sand)	Sqm	1726.34		
12.1	13.45.1	Finishing walls with textured exterior paint of required shade : - New work (Two or more coats applied @ 3.28 ltr/10 sqm)over and including priming coat of exterior primer applied@ 2.20kg/10 sqm	Sqm	1726.34		

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13.1	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	Sqm	35.32		
14.0	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	470.4		
15.1	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	Cum	3.86		
16.0	1.1.18	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.	Cum	3.86		
17.1	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. taples, 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	Mtr	3486.1		

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18.0	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.	Mtr	403.77		
19	16.77	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material within all lifts and lead upto 1km (by mechanical means).	Sqm	1337.60		
20.1	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. - All kinds of soil	Sqm	1337.60		
21.1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge - All kinds of soil	Cum	133.76		
22	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	Cum	200.64		
23.1	16.30.1	Providing and applying tack coat with bitumen of grade VG-10 : - On W.B.M. @ 0.75 Kg / sqm	Sqm	1337.60		

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24.1	16.55.1	Providing and laying Bituminous Macadam - 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of total mix) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity	Cum	66.88		
25.1	16.33.3	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). - With Refinery Modified Bitumen CRMB 55 conforming to IRC: SP: 53	Sqm	1337.60		
26.1	16.74.1	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with : - Moorum	Sqm	104.50		
27	SD 101	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 welded at the bottom with concreting with construction of Masonary pedestal with suitable MS box to house 5A control switch 16 A fuse unit (500V) etc. with suitable angle iron frame work, with door and with lock and key arrangements with 1 metre of 32mm dia GI pipe (Class 'B') complete, with necessary clamps, on the above post with PVC unsheathed leads with painting of suitable colour.	Nos	6.00		

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28	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 refiling the earth to make good	Mtr	100.00		
29	MR	Providing and fixng of 33 W LED Street light fitting	Nos	6.00		

TOTAL