

कार्य का नाम :- शर्मा कॉलोनी करुणा अस्पताल के सामने सार्वजनिक भवन निर्माण कार्य।

Based on PWD/SOR 1-01-2015 (Building works) Electrification Work 1.6.2020

Item	Particulars of item	Qty.	Unit
1	2	7	9
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	35.64	m <sup>3</sup>
2	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	7.66	m <sup>3</sup>
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	39.20	m <sup>3</sup>
4	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	6.30	m <sup>3</sup>
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	10.68	m <sup>3</sup>
6	Providing & placing in position cold twisted and hot rolled deformed steel reinforcement for RCC work l/c cutting, bending etc. complete as per drawing l/c cost of binding wire and l/c all wastage	#####	kg
7	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) SOR Item No 7.5.4	4.80	m <sup>3</sup>
8	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) SOR Item No 7.5.4	13.44	m <sup>3</sup>
9	Providing & fixing of form work l/c centering, shuttering, strutting, staging, Proping bracing etc. complete & removal upto 4 m height	19.2	sqm
10	Columns, Pillars, Piers and likes- rectangular or square in shape	64.00	m <sup>2</sup>
11	Beams, lintels, cantilevers & walls	48.00	m <sup>2</sup>
12	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	53.20	m <sup>2</sup>
13	Weather shade, chhajja, Cornices and mouldings	13.50	m <sup>2</sup>
14	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	49.00	m <sup>2</sup>
15	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	96.00	m <sup>2</sup>
16	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	100.80	m <sup>2</sup>

Item	Particulars of item	Qty.	Unit
1	2	7	9
17	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete upto 2 mm thickness to make surface even and smooth in line and level	145.00	sqm
18	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS: 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	49.00	Sqm
19	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size above 200x300mm	5.00	Sqm
20	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer. SOR Item No .9.13	322.00	kg
21	Providing and fixing M.S. grill of approved pattern made of M.S. flats square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer. SOR Item No 9.15	100.00	KG
22	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	4.20	Sqm
23	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	100.80	Sqm
24	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1	24.93	m <sup>2</sup>
25	Add Extra For Electrical , Sanitary Work Water Work 11%	1.00	m <sup>2</sup>

कार्यपालिका अभियन्ता  
नगर पालिक निगम, भिलाई

सहायक अभियन्ता  
नगर पालिक निगम, भिलाई

उप अभियन्ता  
नगर पालिक निगम, भिलाई