

MUNICIPAL CORPORATION BHILAI NIT


कार्य का नाम :- जोन 03 क्षेत्रांतर्गत विभिन्न सार्वजनिक एवं सामुदायिक भवनों का संधारण कार्य एवं भवन में नई सुविधाएं प्रदान करने बाबत।

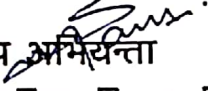
Based on PWD/SOR 1-01-2015 (building works) Electrification Work 1.6.2020

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
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.	2.88	m ³
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).	6.72	m ³
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.	38.40	m ³
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).	0.48	m ³
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).	0.64	m ³
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	112.00	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	1.00	m ³
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	3.20	m ³
9	Providing & fixing of form work l/c centering, shuttering, strutting, staging, Proping bracing etc. complete & removal upto 4 m height	6	sqm
10	Beams, lintels, cantilevers & walls	4.00	m ²
11	Weather shade, chhajja, Cornices and mouldings	1.35	m ²
12	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	9.00	m ²
13	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	15.00	m ²

Item No.	Particulars of item	Qty.	Unit
	2	3	4
14	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)	22.50	m ²
15	Painting exterior surface with PREMIUM 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)	80.00	Sqm
16	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	75.00	sqm
17	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1	17.31	m ²
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 (1cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	16.00	Sqm
19	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622of 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	65.00	kg
21	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.	50.00	kg
22	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	61.00	KG
23	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
24	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.50 mm thick	9.00	Sqm

Particulars of Item		Qty.	Unit
2		3	4
25	<p>NON SOR ITEM Providing and fixing Water Treatment plant based on Reverse Osmosis Technology Design to produce product water at the flow rate of 250,500,1000. The Proposed water treatment based on RO Technology can even Work continuously for 10-15% Hrs. per day.</p> <p>TREATMENT SCHEME : A. RAW WATER PUMP B. MEDIA FILTER UNIT C. SPECIAL ANTI-SCALENT DOSING SYSTEM D. MICRON CARTRIDGER FILTER E. HIGH PRESSURE PUMP F. R.O. MODULES G. MEMNRANE CLEANING SYSTEM H. SV WITH FLUSHING SYSTEM. I. PROFILE SHEET STRUCTURE FOR RO SYSTEM (SIZE 2.00 x 2.00 Mtr.) J. Maintenance for 3 Year.</p> <p>CLIENT TO PROVIDE : a. Control Supply : 250 Volts (1 Phase, 50 Hz for all Instructios.) b. Power supply : 440±10 Volts, Three phase 50Hz for high-pressure pump. c. Labour : As and when required.</p>	1.00	N
	Add Extra For Electrical Work 5%	1	Job
	Add Extra For Sanitary Work Water Work 5%	1	Job


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