

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :- वार्ड-18 कान्स्ट्रक्टर कॉलोनी में शिव मंदिर के पीछे सार्वजनिक भवन निर्माणा कार्य ।

Pwd Building Sor 01.01.2015 & Electric Sor 01.06.2020

S.No.	Description and details of work	Qty.	Unit
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 soil	39.47	Cum
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).	17.99	Cum
3	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	41.82	Cum
4	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:Thermo-Mechanically treated bars	3941.00	Kg
5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
	(A) Foundations, footings, base of columns and plinth beam in any shape and size.	34.20	Sqm
	(B) Columns. Pillars. Piers and likes rectangular or square in shape	86.40	Sqm
	(C) Beams, lintels, cantilevers & walls	57.60	Sqm
	(D) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	144.00	Sqm
6	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in :Cement Mortar 1:6	11.42	Cum
7	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in :Cement Mortar 1:6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	21.60	Cum
8	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.	88.70	Cum
9	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.	5.04	Sqm
10	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.	144.00	Sqm
11	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	211.20	Sqm

S.No.	Description and details of work	Qty.	Unit
12	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	216.00	Sqm
13	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete More than 2 mm thickness to make surface even and smooth in true plumb and line and level.	424.80	Sqm
14	White washing with lime to give an even shade. On new work (Three or more coats)	424.80	Sqm
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)	424.80	Sqm
16	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	6.30	Sqm
17	Add 9% Electrification Charges	82543.00	Rs


Executive Engineer
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Asstt. Engineer
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Sub. Engineer
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