

NAGAR NIGAM BHILAI

NIT

वर्ड क्रमांक-25 जवाहर नगर हाउसिंग बोर्ड लाल पानी टंकी स्थित भवन का संधारण कार्य।

(AS PER BUILDING SOR 01.01.2015 & ELECTRICAL 01.06.2020)

S.NO	PARTICULAR	QTY	UNIT
1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.		
	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).		
		6.40	CUM
2	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)		
		1.20	CUM
2	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)Extra for brick work in uperstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:		
		14.91	cum
3	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.		
		96.80	sqm
4	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
5	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer..		
		188.10	kg
6	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 6 mm thickness		
		8.40	sqm
7	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. complete.		
		8.64	sqm
8	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).		
		10.20	cum
9	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		
		918.00	kg

10	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	6.00	sqm
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	80.00	sqm
11	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	80.00	sqm
	12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	100.00	sqm
13	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)	100.00	sqm
14	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	12.78	sqm
15	Distemping with acrylic washable distemper to give an even shade. On new work (Two or more coats)	100.00	sqm
16	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)	100.00	sqm

ASSTT.ENGINEER
Nagar Palik Nigam, Bhilai

SUB ENGINEER
Nagar Palik Nigam, Bhilai