

## NAGAR NIGAM BHILAI

## NIT

वार्ड क्र.-17 वॉच टावर का सौंदर्यीकरण कार्य।

As Per Building SOR 01.01.2015 &amp; NON SOR ITEM

S.NO	PARTICULAR	QTY	UNIT
1	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).		
	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	16.88	cum
2	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 in foundation and plinth all complete		
	Thermo-Mechanically treated bars FE 415	1067.82	kg
3	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming 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 superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	16.88	cum
4	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
A	Beams, lintels, cantilevers & walls		
	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):	28.08	sqm
B	Columns, Pillars, Piers and likes- rectangular or square in shape		
	Extra for unsupported individual columns with height more than 4.0 m from the immediate lower level in every floor.	31.92	sqm
C	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		
	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):	70.30	sqm
5	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer		
	Electric resistance or induction butt welded tubes Grade-250		
	Extra for hoisting trusses and placing in position over height above 5m for every 2.5 m height or part thereof.	4276.68	kg

6	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.	199.80	kg
7	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	112.69	sqm
8	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) Extra for plastering of exterior walls when height exceeds 10m above ground level for every additional height of 3.0m or part thereof.	97.33	sqm
9	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	35.08	sqm
10	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 welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	1620.00	kg
11	Painting exterior surface with TEXTURED 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 @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/ 10 sqm	512.38	sqm
12	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	97.47	sqm
13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), 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. Size 600x600mm	8.41	sqm
14	NON SOR ITEM Supplying Religius logo with electric LED red crystal (size-5"x5"x6") including ,fitting , installation and connecting with electrical system	100.00	sqft
ASSTT. ENGINEER Nagar Palik Nigam, Bhilai		SUB ENGINEER Nagar Palik Nigam, Bhilai	