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**NAGAR NIGAM BHILAI**

**NIT**

**वार्ड क्र.-18 दुर्गा मंच में शैड निर्माण कार्य।**

(AS PER PWD BUILDING S.O.R 01.01.2015)

S.N.	PARTICULAR	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 soils.		
		17.28	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).		
		1.44	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).		
		7.76	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 in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	775.60	kg
5	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)	4.80	cum
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
a	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	23.20	sqm
b	Columns, Pillars, Piers and likes- rectangular or square in shape	4.80	sqm
c	Beams, lintels, cantilevers & walls	26.16	sqm
7	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, .. 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	2776.47	kg
8	Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by .. Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, ..the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	198.00	sqm
9	Painting on new work (two or more coats) to give an even shade with: Aluminium paint		
10	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	188.94	sqm
11	Providing and filling in plinth with sand/ Crusher dust and hard moorum under.. deposited layer by ramming and watering, including dressing etc. complete.	39.24	sqm
		16.22	cum

  
**ASSTT. ENGINEER**  
Nagar Palik Nigam, Bhilai

  
**SUB ENGINEER**  
Nagar Palik Nigam, Bhilai