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**NAGAR PALIK NIGAM BHILAI  
NIT**

**Estimate For YATRI PRATIKSHALAYA (9X2.7M) AT WARD 23  
(AS PER PWD BUILDING/ROAD SOR 01.01.2015)**

S NO	PARTICULARS	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.	8.75	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).	4.23	cum
3	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	11.92	cum
4	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)	14.04	sqm
5	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.	12.15	cum
6	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.	29.52	sqm
7	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. SS Grade 304	80.00	kg
8	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 racing (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	196.65	kg
9	Supply and fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in ..... excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	25.48	sqm
10	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	20.75	kg
11	(ROAD SOR) Overhead Signs (Providing and erecting overhead signs with a corrosion resistant aluminum alloy sheet reflectorized with high intensity retro-reflective sheeting of Micro prismatic grade type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.6 over a designed support system of aluminum alloy or galvanized steel trestles and trusses of sections and type as per structural design requirements and approved plans) Aluminum alloy plate for over head sign	4.05	sqm
12	(NON SOR) Stainless steel chair.	3.00	nos.



ASSTT.ENGINEER  
Nagar Palik Nigam, Bhilai



SUB ENGINEER  
Nagar Palik Nigam, Bhilai



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