

NAGAR PALIK NIGAM BHILAI

NIT

कार्य का नाम :- वाड क्र.-22 कुरुद ट्रीचिंग ग्राउण्ड में स्थित डॉग हाउस में नयी सुविधा एवं संधारण कार्य।

DRAIN

(As per P.W.D BUILDING S.O.R. W.E.F. 10.06.2026)

S.N.	PARTICULAR	Q	U
1	Excavation for all types and sizes of foundations, trenches and drains 0.....m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil		
		81.00	cum
2	Providing and laying nominal mix cement concrete with crushed form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).		
		9.00	cum
3	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using .. reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
		27.00	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		
		5750.00	Kg
5	Providing and fixing formwork including entering Foundations, footings, base of columns and plinth beam in any shape and size. and all type of wall below plinth level.		
		240.00	sqm
6	Carriage by mechanical transport upto 5 km lead:		
	Earth	56.70	cum

ASSTT. ENGINEER

Nagar Palik Nigam, Bhilai

SUB. ENGINEER

Nagar Palik Nigam, Bhilai

MUNICIPAL CORPORATION BHILAI (C.G.) NIT

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संभारण कार्य।

MAINTANCE WORK

As per Building SOR 10.06.2026

S.N.	Description and details of work	QUA.	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.		
		11.15	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).		
		0.32	cum
3	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)		
		7.17	cum
4	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level.		
		12.96	sqm
5	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)		
		160.00	sqm
6	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:		
		160.00	sqm
7	Neat Cement punning.		
		160.00	sqm
8	White washing/ Colour washing with lime to give an even shade in Three or more Coats for New surface as per relevant IS code 6278:1971 Consumption of lime 3.50kg /10 Sqm with all tools tackles and labour etc. complete for the work.		
		100.00	Sqm
9	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete		
	Upto 2 mm thickness to make surface even and smooth in line and level.		
		100.00	sqm

0	Providing and applying Synthatic oil bound washable Distemper having VOC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428:2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.		
		100.00	sqm
11	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)		
		100.00	sqm
12	Providing and laying DOUBLE/MULTI CHARGE (minimum 2.0 mm thick layer) VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm) laid on 20mm thick cement mortar 1:4 (1cement: 4 coarse sand) including grouting the joints with withe cement and matching pigments etc. complete.Size 600x600mm thickness 9 to 10mm		
		180.00	sqm
13	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.		
		440.00	kg
14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.		
		440.00	kg
15	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and pointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.Size upto 200x300mm		
		115.20	sqm

16	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :White Size 550x450 mm		
		3.00	nos
17	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.		
	150 mm dia pipe.	49.00	meter
	WATER HARVESTING		
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.		
		1.20	CUM
2	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid separately).		
a	Stone boulders of size range 5 cm to 20 cm, in recharge pit	0.40	CUM
b	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	0.30	CUM
c	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	0.20	CUM


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