38.40 kg

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्रं. 15 सियान सदन का भवन संधारण कार्य।

(As Per PWD Building SOR 10.06.2026 & Electric SOR 10.06.2026

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing cement concrete including disposal of material within 50 metre lead.1:3:6 or richer mix		
		5.40	Cum
2	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floatingcoat of neat cement. 40 mm thick		
		80.00	Sqm
3	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.		
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.		
		300.00	Kg
4	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.		
		300.00	Kg
5	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		
6	Neat Cement punning.	20.00	mtr
		180.00	Sqm
7	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.		
		1.36	Cum
8	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)		
		150.00	Sqm
9	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)	200.00	Sqm
10	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)		
		200.00	Sqm
11	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).		
		8.00	Cum
12	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.		
		2.00	Each
13	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)		
		6.00	Cum
14	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 .. . and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.		
		1.08	Cum
15	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.		
		48.00	
		48.00	Cum
16	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		
	.@ 50.00 Kg / m^3	54.00	Kg
17	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete More than 2 mm thickness to make surface even and smooth in true plumb and line and level.		
		300.00	Sqm
18	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant I.S. ode 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, pus Style/lite economy emulsion product such as Asian Tactor Spark , ulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) 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 complete for the work.		
		300.00	Sqm

19	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.)		
		300.00	**Sqm**
20	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS : 7231, with all fittings and fixtures complete. White		
		2.00	**Each**
21	Providing and applying Glossy finish Enamel paint mimimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel , Dulux Promise Premium Enamel , Nerolac Synthatic Enamel, Opus Prime enamel) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work.		
		100.00	**Sqm**
22	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Orissa pattern W.C. pan of size 580x440 mm		
		2.00	**Each**
23	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White pedestal type		
		2.00	**Each**
24	Providing and fixing vitreous china wash basin with C.I. brackets, 32mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required : White Size 550x450 mm		
		2.00	**Each**
25	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:		
	Wall corner type urinal of sizes 340x410x265mm	**1.00**	**Each**
	Flat back type urinal of size 460x380x250mm	**1.00**	**Each**
26	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	**80.00**	**Sqm**
WATER SUPPLY WORKS			
27	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, havingthermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the sameincluding testing of joints complete as per direction of Engineer in Charge.		
	15 mm nominal outer dia .Pipes.	**20.00**	**m**
	25 mm nominal outer dia .Pipes.	**20.00**	**m**
28	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and ---- holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.		
		1000.00	**Ltr**
29	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)		
		5.00	**No**

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