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MUNICIPAL CORPORATION OF BHILAI NIT

कार्य का नाम:— जोन क्रमांक 03 अंतर्गत वार्ड 31 जेपी नगर स्वामी आत्मानंद शा.प्रा.शाला में शौचालय संधारण कार्य।

BUILDING SOR & Electrical SOR WEF 2026

S.N.	PARTICULARS OF ITEMS	QTY	UOM
1	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).	2.00	Cum
2	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	240.00	Sqm
3	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 article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)	200.00	Sqm
4	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete More than 2 mm to 4mm thickness to make surface even and smooth in line and level.	200.00	Sqm
5	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.	200.00	Sqm
6	Providing and applying for renewing on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and waterproof finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) . (Product such as Asian Apex , Dulux WeatherShield Prima E900, Berger Weathercoat Antidust , Nerolac Everlas Excel ,Nippon Sumo Etra, Opus True flex) 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. Two coats applied @ 0.75lit / 10Sqm up to final finish 14.91.1	100.00	Sqm
7	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. Size 300x300mm	36.00	Sqm

PARTICULARS OF ITEMS		QTY	UOM
S.N.			
8	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size above 200x300mm	48.00	Sqm
9	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 100 mm diameter	40.00	Metre
10	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design: 100 mm diameter S.W. pipe	20.00	Metre
11	Providing and constructing brick masonry road gully chamber 50x45x60cm with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) including 500 x 450 mm precast R.C.C. horizontal grating with frame complete as per standard design.	2	No.
12	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. 110 mm dia	40.00	Metre
13	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	40.00	Metre
14	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.	4	Each
15	Providing and fixing vitreous china water closet squatting pan (Indian type) including cutting and making good the walls and floors wherever required: White Orissa pattern W.C. pan of size 580x440 mm	4	Each
16	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	4	Each
17	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	4	Each

	PARTICULARS OF ITEMS	QTY	UOM
18	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal 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 same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,		
a	15 mm nominal outer dia .Pipes.	20.00	Metre
b	25 mm nominal outer dia .Pipes.	20.00	Metre
19	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:		
a	25 mm dia. nominal bore	20.00	Metre
b	15 mm dia. nominal bore	20.00	Metre
20	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	10	No
21	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. SOR Item No .9.13	308.00	Kg
22	Electrical Work as Per SOR ITEM (15% of total)	1.00	Job

कार्यपालन अभियंता
नगर पालिक निगम, भिलाई

सहायक अभियंता
नगर पालिक निगम, भिलाई

उप अभियंता
नगर पालिक निगम, भिलाई