

MUNICIPAL CORPORATION BHILAI (C.G.)
NIT

कार्य का नाम :- वार्ड-02 सूर्य विहार कॉलोनी में सार्वजनिक प्रसाधन कक्ष (महिला/पुरुष) निर्माण कार्य।

PWD BUILDING SOR 01.01.2015

S.no	Description and details of work	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.	53.40	CUM
2	Extra for every additional lift of 1.5 m or part thereof. septic tank	15.75	CUM
3	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).	5.5	CUM
4	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 work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	6.52	CUM
5	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	3.970	CUM
6	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:	403.84	KG
	Thermo-Mechanically treated bars FE 500D		
7	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.	21.5	CUM
8	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.	24.50	SQM
b	Columns, Pillars, Piers and likes- rectangular or square in shape	36.00	sqm
c	Beams, lintels, cantilevers & walls	13.38	SQM

S.no	Description and details of work	Qty.	UNIT
d	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	12.96	sqm
9	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)	10.32	CUM
10	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	7.66	CUM
11	Providing and making 6mm thick cement plaster of mix: in Cement mortar 1:3 (1 cement : 3 fine sand)	12.96	SQM
12	Providing and making 12mm thick cement plaster of mix: In cement Mortar 1:5 (1 cement : 5 fine sand)	66.5	SQM
13	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):	86.49	SQM
14	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.	45	KG
15	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in ----- thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per Manufacturer's specification including 3 nos ISI marked stainless steel hinges of size 100x58x1.9 mm complete. (for W.C. and bathroom door shutter).	6.00	SQM
16	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	12.00	SQM
17	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	24.56	SQM
18	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	86.49	SQM

S.no	Description and details of work	Qty.	UNIT
19	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	2	no.
20	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating coat of neat cement.	12.96	SQM
21	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete: Providing and fixing white vitreous china urinal basin as per IS : 2556 complete:	2	no.
22	Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe.	2	no.
23	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	5.22	SQM
24	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 jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.	9.3	SQM
25	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required : White Size 550x450 mm	2	EACH
	Add 3% For Pipe Line & Electricity	6111.00	Rs

कार्यपालन अभियंता
नगर पालिक निगम, भिलाई

सहायक अभियन्ता
नगर पालिक निगम, भिलाई


उप अभियन्ता
नगर पालिक निगम, भिलाई