

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

Name of work :-


जोम-5 मोडल 6 जोन कार्यालय में अग्रचालय संभारण कार्य /

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.(In all types of soils.)	5	cum
2	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.	2.5	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).	2.5	cum
4	Premium synthetic enamel paint	2.5	cum
5	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.On old work (one or more coats)	110	sqm
6	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 12.3.1 40 mm thick	21	sqm
7	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks	25	sqm
8	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.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.36	cum

9	Premium synthetic enamel paint	50	sqm
10	Removing following vitreous china sanitarywares carefully for re-use including stacking within 50 metres lead.		
a	Wash basin of all sizes and shapes each 30.50	1	each
b	16.53.2 Urinals of all sizes and shapes each 38.00	1	each
11	Providing and replacing broken vitreous china water closet (European type W.C. pan) including removing the broken water closet (European type W.C. pan) cutting and making good the walls and floors wherever required : 17.8.1 White pedestal type	1	each
12	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 : 18.17.1 White Size 550x450 mm	1	each
13	Providing and replacing broken vitreous china water closet squatting pan (Indian type) including removing the broken squatting pan and mortar, cutting and making good the walls and floors wherever required: 17.7.1 White Long pattern W.C. pan of size 580 mm	1	each
14	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. 12.7.1 Size upto 200x300mm	84	sqm
15	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead : 17.1.1 Thickness upto 15mm	20	sqm
16	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 kg/ sqm for receiving cement concrete floor including roughening cleaning etc complete.	14	sqm

17	Providing and replacing broken floor tile with 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 removing the broken tile and mortar, pointing the joints with white cement mixed with matching pigment etc., complete. 17.2.1 Size 300x300mm	20	sqm
18	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer	230	kg
19	Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), of purlins, rafters and trusses and including cutting to size and shape wherever required.	50	sqm


EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
BHILAI


ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI


Sub Engineer
Municipal Corporation
Bhilai (C.G.)