

MUNICIPAL CORPORATION BHILAI (C.G.)

DETAIL ESTIMATE

Name of work :- वार्ड क्र.52 सेक्टर 04 इस्पत भवन का विस्तारीकरण कार्य।

S.No.	Description and details of work	Qty.	unit
1	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	24.0	Cum
2	Providing and making 15mm thick cementplaster on the rough side of single or half brick wall mix	300.00	sqm
3	Providing and making 12mm thick cement plaster on the rough side of single or half brick wall of mix:	300.00	sqm
4	Providing and making 6mm thick cement plaster on the rough side of single or half brick wall of mix:	300.00	sqm
5	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 old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	3000.00	sqm
6	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.	2500.00	sqm
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.	10.0	Cum
8	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	600.0	kg
9	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	20.00	sqm
10	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.On old work (one or more coats)	600.00	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 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	10.0	Cum
12	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 cost of neat cement	135.00	sqm
13	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint	300.00	sqm
14	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.SS Grade 304	10.00	kg
15	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved...	120.00	sqm
16	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	162.00	sqm
17	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payme	80.00	Cum

18	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand	200.00	sqm
19	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	70.00	sqm
20	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	70.00	sqm
21	Providing and fixing factory made PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of specified size 59x24 mm and wall thickness 2 mm \pm 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws.	12.60	sqm
22	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.	12.60	sqm

EXECUTIVE ENGINEER
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ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI

SUB ENGINEER
MUNICIPAL CORPORATION
BHILAI