


**MUNICIPAL CORPORATION OF BHILAI**  
**NIT**


**कार्य का नाम :- जोन क्र 03 कार्यालय अंतर्गत लोकसेवा केन्द्र का  
संधारण कार्य।**


(As Per PWD Building SOR 01.01.2015 & Electric SOR 01.06.2020)

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	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., completeSize 300x300mm	50.0	Sqm
2	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).	0.46	Cum
3	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)Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	11.81	Cum
4	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	115.2	Sqm
5	Painting exterior surface with PREMIUM 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)	115.2	Sqm
6	White washing with lime to give an even shade.	115.2	Sqm
7	Painting on new work (two or more coats) to give an even shade with:	7.83	Sqm
8	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	115.2	Sqm
9	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers forfastening etc. complete with applying a priming coat of red oxide zinc chromate primer.Electric resistance or induction butt welded tubes Grade-250	200.00	Kg

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
10	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.	5.67	Kg
11	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). Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymercoated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	96.0	Sqm
12	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	2.16	Kg
13	Providing and fixing Gypsum board wall paneling consisting of frame work "W" / "U" / "L" sections made of G.I. sheet with zinc coating of grade 120 consisting of G.I. section, "W" profile (0.55mm thick ) having a knurled web of 51.55mm and two flanges of 26mm each with lips of 10.5 mm placed at 610mm center to center in perimeter channel having one flange of 20mm and another flange of 30mm with thickness of 0.55mm and web of length 27mm fixed on the floor and the ceiling with the nylon sleeves with fully threaded self-tapping drive all screws, and 12.5mm Gypsum board conforming to IS: 2095 - 1996: Part - I, fixed to 'W' profile with 25 mm countersunk ribbed head screws at 200mm center to center, joints of the boards are finished with specially formulated jointing compound and 48mm wide fibre tape to provide seamless finish all complete as per the drawing & directions of Engineer-in-charge.	50.0	Sqm
14	Add Extra For Water Work & Electrification Work 1.6.2020 As Per SOr Rate	1	Job

  
 कार्यपालन अभियन्ता  
 नगर पालिक निगम, भिलाई

  
 सहायक अभियन्ता  
 नगर पालिक निगम, भिलाई

  
 उप अभियन्ता  
 नगर पालिक निगम, भिलाई