

# MUNICIPAL CORPORATION OF BHILAI

NIT

जोन क्र. 05 क्षेत्रांतर्गत मतदान केन्द्रों का संधारण कार्य।

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

| S.N. | PARTICULARS OF ITEMS   | Quantity | UOM  | Rate    |
|------|--|----------|------|---------|
| 1    | Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.  | 0.45     | Cum  | 768.00  |
| 2    | Demolishing cement concrete including disposal of material within 50 metre lead. 1:4:8 or leaner mix   | 0.25     | Cum  | 329.00  |
| 3    | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.<br>In cement mortar.  | 1.50     | Cum  | 263.00  |
| 4    | Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.  | 5        | Each | 100.00  |
| 5    | Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead..   | 5        | Each | 66.50   |
| 6    | 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.<br>In all types of soils.   | 6.75     | Cum  | 185.00  |
| 7    | 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.<br>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).   | 0.68     | Cum  | 2659.00 |
| 8    | 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.<br>1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).  | 0.675    | Cum  | 4163.00 |
| 9    | 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 all complete: Thermo-Mechanically treated bars   | 47.25    | Kg   | 54.50   |
| 10   | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:  | 1.80     | Sqm  | 139.00  |
| (A)  | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.   | 4.80     | Sqm  | 202.00  |
| (B)  | Beams, lintels, cantilevers & walls  | 12.00    | Sqm  | 235.00  |
| (C)  | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)  | 9.38     | Cum  | 371.00  |
| 11   | 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.  | 0.72     | Cum  | 3263.00 |
| 12   | 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:<br>Cement Mortar 1:6 (1 cement : 6 coarse sand)  | 1.32     | Cum  | 3384.00 |
| 13   | 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:<br>Cement Mortar 1:6 (1 cement : 6 coarse sand)<br>+Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:   | 50.00    | Sqm  | 93.00   |
| 14   | Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)  | 50.00    | Sqm  | 103.00  |
| 15   | Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)   | 50.00    | Sqm  | 113.00  |
| 16   | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:<br>In Cement Mortar 1:5 (1 cement : 5 fine sand)   | 3.00     | Sqm  | 2318.00 |
| 17   | 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----- 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). PVC door shutter | 26.70    | Kg   | 67.50   |
| 18   | 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.   | 37.44    | Kg   | 75.00   |
| 19   | 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.  | 10.00    | Kg   | 467.00  |
| 20   | 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 204   |          |      |         |

| S.N. | PARTICULARS OF ITEMS   | Quantity | UOM   | Rate    |
|------|--|----------|-------|---------|
| 21   | 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 upto 300x300mm   | 5.00     | Sqm   | 692.00  |
| 22   | 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 upto 200x300mm | 6.00     | Sqm   | 587.00  |
| 23   | Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.                          | 5.00     | Sqm   | 963.00  |
| 24   | Chequered precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) : Dark shade using ordinary cement  | 5.00     | Sqm   | 518.00  |
| 25   | Carriage by mechanical transport upto 5 km lead:<br>Earth  | 5.00     | Cum   | 111.00  |
| 26   | Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.   | 15.00    | Cum   | 65.00   |
| 27   | Painting exterior surface with SMOOTH exterior emulsion paint manufactured with th cow dung processing 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)  | 100.00   | Sqm   | 79.00   |
|      | On old Work (One or more coats applied @ 0.83 ltr/ 10 sqm)   | 100.00   | Sqm   | 67.00   |
| 28   | Distemping with acrylic washable distemper manufactured with the cow dung processig to give an even shade.   |          |       |         |
|      | On new work (Two or more coats)  | 150.00   | Sqm   | 53.00   |
|      | On old work (Two or more coats)  | 150.00   | Sqm   | 30.00   |
| 29   | Painting on old work (two or more coats) to give an even shade with: Satin synthetic enamel paint  | 100.00   | Sqm   | 35.00   |
| 30   | Providing and applying 2mm thick ready mix exterior grade putty (Manufactured with cow dung processing) on walls to make the surface smooth and even.  | 20.00    | Sqm   | 101.00  |
| 31   | 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  |          |       |         |
|      | 40 mm thick  | 10.00    | Sqm   | 222.00  |
| 32   | 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.<br>1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).   | 0.90     | Cum   | 3552.00 |
| 33   | <b>NON SOR.</b><br>Slogan/Wall Writing   | 1680.00  | Sqft. | 60.00   |

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