

# MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड नं. 40 सिंह इंजीनियरिंग के पास (हनुमान मंदिर) सार्वजनिक पेयजल हेतु पानी टंकी सह वाटर फिज स्थापना कार्य।

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

| S.N. | PARTICULERS OF ITEMS  | Quantity | UOM   |
|------|---|----------|-------|
| 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.   | 0.43     | Cum   |
| 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.<br>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).  | 0.29     | Cum   |
| 3    | Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:<br>Cement Mortar 1:6 (1 cement : 6 coarse sand)   | 0.58     | Cum   |
| 4    | 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.   | 0.86     | Cum   |
| 5    | 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>1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).  | 0.29     | Cum   |
| 6    | 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.  | 390.00   | Kg    |
| 7    | Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)  | 2.88     | Sqm   |
| 8    | 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  | 1.44     | Sqm   |
| 9    | 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. Size upto 200x300mm                   | 2.88     | Sqm   |
| 10   | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank  | 250.00   | Litre |
| 11   | Supplying, installation, testing and commissioning of following size drinking water cooler storage type ISI marked, eco friendly non CFC refrigerant, water tank and cooler cabinet sheet material- stainless steel {grade AISI 304} with thickness >= 0.8 mm, with PUF insulation including all accessories connection etc complete as per specification.<br>150/150 Ltrs/hr | 1.00     | Each  |

Executive Engineer  
Municipal Corporation  
Bhilai

  
Assistant Engineer  
Municipal Corporation  
Bhilai

Sub Engineer  
Municipal Corporation  
Bhilai