

# MUNICIPAL CORPORATION OF BHILAI

## NIT

वार्ड क्र. 46 गणेश मंदिर के पास सामुदायिक भवन का संधारण एवं नयी सुविधाओं की व्यवस्था कार्य।

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

| S.N. | PARTICULARS 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.   | 3.60     | 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).  | 1.20     | Cum |
| 3    | 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).   | 2.880    | Cum |
| 4    | 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  | 288.00   | Kg  |
| 5    | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:   |          |     |
| (A)  | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.  | 18.00    | Sqm |
| (B)  | Columns, Pillars, Piers and likes- rectangular or square in shape   | 18.00    | Sqm |
| 6    | 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.   | 10.80    | Cum |
| 7    | 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<br>+ Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:  | 9.00     | Cum |
| 8    | 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)   | 3.60     | Cum |
| 9    | Providing and making 12mm thick cement plaster of mix:<br>In Cement mortar 1:4 (1 cement : 4 fine sand)   | 72.00    | Sqm |
| 10   | Providing and making 15mm thick cement plaster of mix:<br>In Cement mortar 1:5 (1 cement : 5 fine sand)   | 72.00    | Sqm |
| 11   | 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.   | 18.00    | Sqm |
| 12   | 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:<br>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) | 45.00    | Sqm |

| S.N. | PARTICULERS OF ITEMS  | Quantity | UOM  |
|------|---|----------|------|
| 13   | 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.<br>SS Grade 304 | 253.20   | Kg   |
| 14   | Cement art Mural work   | 36.00    | Sqm  |
| 15   | Human and other sculptures<br>(b) 2 to 5 feet   | 5        | Each |
| 16   | Add Extra For Electrification Works (As Per SOR)  | 69000.00 | LS   |

**Executive Engineer**  
Municipal Corporation  
Bhilai

*P. Singh*  
**Assistant Engineer**  
Municipal Corporation  
Bhilai

**Sub Engineer**  
Municipal Corporation  
Bhilai