

# MUNICIPAL CORPORATION OF BHILAI

## NIT

कार्य का नाम- वार्ड 63 सेक्टर 8 भिलाई होसन्ना चौक के समीप सार्वजनिक टीन शेड निर्माण एवं कांक्रिटीकरण कार्य।

As Per PWD Building SOR 01.01.2015

| 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.   | 10.95    | 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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).  | 16.98    | Cum |
| 3    | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level   | 10       | sqm |
| 4    | Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate..... 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).   | 1.25     | sqm |
| 5    | Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.   | 1200     | kg  |
| 6    | Providing corrugated G.I. sheet roofing including vertical/ curved surfaces fixed with galvanized iron, 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 including painting with primer and paint on overlapping of sheets complete excluding the cost of purlins rafters and trusses. (Zinc coating not less than 272 gms/sqm) | 126.99   | 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   | 4.73     | Cum |
| 8    | 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   | 120      | sqm |
| 9    | Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate..... 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).   | 47.25    | sqm |
| 10   | 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.  | 24.5     | sqm |
|      |  |          |     |

Asst. Engineer  
Municipal Corporation  
Bhilai(C.G.)

Sub Engineer  
Municipal Corporation  
Bhilai(C.G.)