

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :- वार्ड-06 प्रियदर्शनी परिसर कोसानगर गौ आश्रय स्थल में कैटल शेड निर्माण कार्य।

Pwd Building Sor 01.01.2015

| S.No. | Description and details of work | Qty. | Unit |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| 1 | Boring, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in cement concrete 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size),required for boring true to vertical line etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap): | 78.00 | Metre |
| 2 | 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. | 68.52 | 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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). | 6.45 | 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 | 387.00 | Kg |
| 5 | 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) | 30.72 | Cum |
| 6 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 66.40 | Sqm |
| 7 | 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. | 8790.08 | Kg |
| 8 | Supply and fixing of precoated 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 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. | 660.00 | Sqm |
| 9 | Painting on new work (two or more coats) to give an even shade with: Aluminium paint | 753.06 | Sqm |
| 10 | Excavation for all types and sizes of foundations, trenches and drains or forupto' 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil | 27.72 | Cum |
| 11 | Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). | 9.24 | Cum |
| 12 | super structureBrick 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) | 11.52 | Cum |


| S.No. | Description and details of work | Qty. | Unit |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| 13 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork | 1.92 | Cum |
| 14 | 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 259.20 | Sqm |
| 15 | Neat Cement punning. | 290.40 | Sqm |
| 16 | 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. | 12.00 | Sqm |
| 17 | Distemping with acrylic washable distemper to give an even shade: on new work.(two or more coats) | 290.40 | Sqm |
| 18 | Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint 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) | 290.40 | Sqm |
| 19 | Lettering with black Japan paint, per cm height. | 30000.00 | Sqm |



Executive Engineer
Municipal Corporation
Bhilai (C.G)



Asstt. Engineer
Municipal Corporation
Bhilai (C.G)



Sub. Engineer
Municipal Corporatio
Bhilai (C.G)