

MUNICIPAL CORPORATION OF BHILAI

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कार्य का नाम :- जोन-05 अंतर्गत जवाहर लाल नेहरू चिकित्सालय सेक्टर 09 में मुख्यमंत्री धनवंतरी सस्ती दवा दुकान निर्माण कार्य।

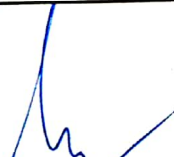
| S.N. | Item Code | PARTICULARS OF ITEMS | Quantity | UOM |
|------|-----------|---|----------|-----|
| 1 | 16.3.3 | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. | 14.40 | Cum |
| 2 | 16.17 | Dismantling G.I. sheet roofing including ridges hips, valleys and gutters etc. and stacking the material with 50 m lead. | 15.75 | Sqm |
| 3 | 16.43.2 | Demolishing cement concrete including disposal of material within 50 metre lead. | 4.95 | Cum |
| 4 | 1.1 | 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. Column Below Wall | 27.62 | Cum |
| 5 | 3.1.3 | 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. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Column Below Wall | 9.39 | Cum |
| 6 | 3.2.1 | 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). Column Footing G/B L/B | 13.602 | Cum |
| 7 | 3.12 | 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 Qty. Of RCC 100.00 Kg | 1360.2 | Kg |
| 8 | 7.4 | 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: Cement Mortar 1:6 (1 cement : 6 coarse sand) | 1.95 | Cum |
| 9 | 7.4 + 7.6 | 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: Cement Mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: | 10.74 | Cum |
| 10 | 2.1.1 | 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. | 20.40 | Sqm |
| (B) | 2.1.5 | Columns, Pillars, Piers and likes- rectangular or square in shape | 67.32 | |
| (C) | 2.1.8 | Beams, lintels, cantilevers & walls | 15.72 | Sqm |
| 11 | 1.18 | 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. | 31.28 | Cum |
| 12 | 11.2.2 | Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand) | 46.2 | Sqm |
| 13 | 11.8 | Providing and making 18mm thick cement plaster in two coats with under layer of 12mm thick plaster 1:5 (1 cement : 5 fine sand) and top layer of 6mm thick with cement plaster 1:3 (1 cement : 3 fine sand) finished rough with sponge. | 64.26 | Sqm |
| 14 | 3.13 | 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 form work. | 0.26 | Sqm |

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| 15 | 12.13.1 | Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and <u>matching pigments etc. complete. Size 600x600mm Skirting</u> | 51.93 | Sqm |
| 16 | 14.13 | Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even. As Per Qty. of 12 mm Thick Plaster | 46.20 | Sqm |
| 17 | 14.16.1 | 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: 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) | 80.00 | Sqm |
| 18 | 14.17.1 | Painting exterior surface with TEXTURED exterior paint of required shade 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 applied @ 3.28 ltr/10 sqm) over and including <u>priming coat of exterior primer applied @ 2.20kg/ 10 sqm</u> | 72.80 | Sqm |
| 20 | 9.11 | Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including <u>applying a priming coat of red oxide zinc chromate primer.</u> | 30.00 | Sqm |
| 21 | 9.31 | Providing and fixing mechanical device chain and crank operation for operating rolling shutters. | 1.00 | Set |
| 22 | 10.28.1 | Providing and fixing semi transparent polycarbonate compact sheet roofing of approved colour to make any normal shape of roofing / covering of any pitch and fixing with specially designed powder coated aluminium section with 60mm wide flange of standard design weighing not less than 1.1 kg/ m at spacing not more than 1.2 m centre to centre with EPDM gasket and silicon sealant on all four edges of aluminium section fixed with self drilling stainless steel screws all complete including aluminium edge angle 40 mm x 40 mm x3mm as per manufacture specification and as per direction of Engineer-in-Charge. | 42.75 | Sqm |
| 23 | Road 8.6 | Direction and Place Identification signs with size more than 0.9 sqm size board. (Providing and erecting direction and place identification retro- reflectorized sign as per IRC:67-2012 made of Micro prismatic grade type reflective sheeting vide clause 801.3, fixed over aluminum sheeting, 2 mm thick with area exceeding 0.9 sqm supported on a mild steel angle iron post 75mm x 75mm x 6mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cm x 45cm x 60cm, 60cm below ground level as <u>per approved drawing</u>) | 12 | Sqm |
| 24 | 12.65.2 | Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks | 115.00 | Sqm |

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| 25 | 10.12 | Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated 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 complete 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 | 57.75 | Sqm |
| 26 | 9.3.1 | Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. Electric resistance or induction butt welded tubes Grade-250 | 225 | Kg |

Add 10.00% For Electrification Work (As Per SOR 01.06.2020)

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| ion SOR ITEM | | | | |
| 1 | P-9 1.1.1 | Providing and fixing Glow sign board with all fitting and frame etc. complete. | 10.80 | Sqm |


EXECUTIVE ENGINEER
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ASSISTANT ENGINEER
MUNICIPAL CORPORATION
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SUB ENGINEER
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