



# NAGAR NIGAM BHILAI-CHARODA

## NIT

Name Of Work-Costruction of Shed at Hanuman Mandir Charoda Housing Board ward no-22(new ward no-23)

(AS PER PWD BUILDING S.O.R 01.01.2015)

| PAGE NO | PARTICULAR  | QTY     | UNIT | RATE    |
|---------|---|---------|------|---------|
| 1.1.1   | 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.  | 4.32    | cum  | 185.00  |
| 3.1     | 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.  |         |      |         |
| 3.1.2   | <b>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).</b>   | 20.72   | cum  | 2659.00 |
| 3.1     | 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.  |         |      |         |
| 3.1.5   | <b>1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).</b>   | 1.08    | cum  | 4073.00 |
| 9.3     | 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.  |         |      |         |
| 9.3.1   | Electric resistance or induction butt welded tubes Grade-250  | 1950.00 | KG   | 88.50   |
| 10.12   | 10.12 Supply and fixing of polymer precast 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. |         |      |         |
|         |   | 210.00  | sqm  | 693.00  |

|         |   |        |       |         |
|---------|---|--------|-------|---------|
| 10.16   | Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete : |        |       |         |
| 10.16.1 | Ridges plain (500-600mm)  | 24.35  | metre | 552.00  |
| 7.5     | <b>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:</b>  |        |       |         |
| 7.5.4   | <b>Cement Mortar 1:6 (1 cement : 6 coarse sand)</b>   | 3.96   | CUM   | 3263.00 |
| 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.   | 120.00 | cum   | 371.00  |
| 12.3    | 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.  | 200.00 | sqm   | 254.00  |
| 12.3.2  | 50 mm thick   |        |       |         |