



## NEPAL TELECOM WIRE LINE AND CUSTOMER SERVICE DIRECTORATE

CIVIL SECTION

### Bill of Quantity

Project: Store Shed construction works

Location: Thankot Store

| S.No | Description of work   | Unit | Quantity | Rate in NRs (without VAT) |          | Amount | NRs |
|------|---|------|----------|---------------------------|----------|--------|-----|
|      |   |      |          | In Figure                 | In Words |        |     |
| 1    | <b><u>Site preparation works</u></b><br>Preparation of the site by clearing out all the debris, cleaning the surface, cutting existing trees/bushes etc. and relocation of any electric poles if necessary to make site ready for setting out as per drawing and approval of Engineer.  | job  | 1        |                           |          |        |     |
| 2    | <b><u>RCC dismantling works</u></b><br>The Contractor shall dismantle any plain or reinforced concrete works as indicated in the drawings or as ordered by the engineer. The resulting material shall remain the property of the employer and all suitable materials shall be stockpiled for reuse purposes within a lead of 30 m. unsuitable materials shall be disposed off as directed by the engineer. Concrete / reinforced concrete dismantling shall include use of labour and proper tools and equipment, transporting, stockpiling and all incidental and provisions necessary to complete the works | M3   | 18.00    |                           |          |        |     |
| 3    | <b><u>E/W in excavation</u></b><br>Earth work in excavation on normal soil for foundation including disposal up to 10 m. lead & 1.5 m. lift all complete as per drawing, specification and approval of Engineer.  | M3   | 302.15   |                           |          |        |     |
| 4    | <b><u>One layer dry brick on flat soling</u></b><br>Supplying and laying of flat dry brick soling (one layer) in floor with first class chimney made bricks complete in true line and level as per drawing, specification and approval of Engineer.   | M2   | 963.22   |                           |          |        |     |

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| 5      | <b><u>PCC M15 works or in 1:2:4 ratio</u></b><br>Supply, mixing, placing compacting PCC(plain cement concrete ) M15 or in 1:2:4 ratio in foundation/floors including materials, labor, machine, carriage, curing etc, all complete as per drawing, specification and approval of Engineer .   | M3   | 21.55    |                           |          |        |     |
| 6      | <b><u>Brick work in cement sand mortar in 1:4</u></b><br>Providing and laying brick masonry using first class brick (chimney made) with cement sand mortar 1:4 including scaffolding, curing, filling, cleaning and raking out of motor joints, making ducts, recesses where required including all materials, labor, lead and lift all complete as per drawing specification and approval of Engineer. | M3   | 103.44   |                           |          |        |     |
| 7<br>a | <b><u>RCC works</u></b><br><b><u>PCC M20 works or in 1:1.5:3 ratio</u></b><br>Supply, mixing, transporting, placing, compaction, protection, leveling and curing of M-20 grade of concrete PCC or in 1:1.5:3 ratio ( for RCC works) for superstructure, foundation bases, beams, walls and slabs from ground to roof slab all complete as per drawing, specification and approval of Engineer .         | M3   | 180.90   |                           |          |        |     |
| b      | <b><u>MS Tor Steel Reinforcement (Fe 415)</u></b><br>Supply, cut, fabricate, transportation, place and tie, ribbed reinforcement steel bars of varius diameter (Fe415 ) including cost of 16 gauge black annealed binding wire, spacer bars, lapping, hooks, chair and support and lead and lift up to 3 th floor, all complete as per specification and approval of Engineer .                         | Kg   | 16426.34 |                           |          |        |     |

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| c    | <b><u>Ply board form works</u></b><br>Supply, fabricate, transportation, placing, fixing, centering and shuttering of plywood or ready made prefabricated board formwork for foundation, slabs, columns, beams and vertical or fair faced concrete finished walls , (with necessary provision of extension of reinforcement of wall tiles ) and other RCC works including nails , staging, propping support and bracings of steel pipes including lead and lift up to 3 th floor, all complete as per specification and approval of Engineer | M2   | 337.33   |                           |          |        |     |
| 8    | <b><u>MS base plate work</u></b><br>Supplying, fabricating and installation of 10 mm thick MS base plate on RCC column with threaded MS anchor rods (galvanized) all complete as per drawing, specification and approval of the Engineer   | Kg   | 5652.00  |                           |          |        |     |
| 9    | <b><u>16 dia MS nut and bolts (galvanized)</u></b><br>Supplying, fabricating and installation of 16 mm diameter MS nut and bolts (galvanized) with anchoring on RCC column all complete as per drawing, specification and approval of the Engineer   | Kg   | 1127.04  |                           |          |        |     |
| 10   | <b><u>MS iron works- Black pipes for truss and post</u></b><br>Supplying , fabrication and installation of MS black pipe for tubular truss of different diameter and thickness and necessary welding, grinding including metal primer painting and positioning and fixing with support all complete as per design drawing and specification and approval of engineer   | Kg   | 34619.01 |                           |          |        |     |

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| 11   | <b>12.5mm th. Cement sand plaster works in 1:4</b><br>Supplying, laying & fixing 1:4 plaster in wall, column, beam including supply of materials, labor, mixing, leveling, curing & scaffolding etc all complete as per drawing, specification and approval of the Engineer | M2   | 137.90   |                           |          |        |     |
| 12   | <b>3mm th. Cement punning works</b><br>3 mm thick cement punning works in wall, floor etc. with good finishing in perfect line and level including wetting the surface and curing the work all complete as per drawing, specification and instruction of site incharge.     | M2   | 137.90   |                           |          |        |     |
| 13   | <b>CGI colored sheet roofing works</b><br>0.50 mm th. colour corrugated galvanized iron sheet of approved colour roofing Works With J-hooks fittings ,washer, clamps and nailing all complete as per drawing, specification and instruction of site incharge                | M2   | 930.00   |                           |          |        |     |
| 14   | <b>Ridge cover works</b><br>Supplying fitting and fixing of .5 mm thick and 600 mm wide coloured G I plain sheet for ridge cover works With J-hooks fittings , washer, clamps and nailing all complete as per drawing, specification and instruction of site incharge.      | Rmt  | 46.50    |                           |          |        |     |
| 15   | <b>Back filling works</b><br>Earth work in filling in foundation trenches and floor with materials, from associated excavation including machine compaction in 15 cm layers with sprinkling water as per specification and approval of Engineer                             | M3   | 270.35   |                           |          |        |     |

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| 16   | <b>Enamel panting</b><br>Supply and applying one coat of primer and two or more coats of enamel paint of ( Asian Paints or equivalent) over wood and or metal surface including supply of materials, labor, cleaning the surface, preparation of the base , painting etc, all complete as per drawing, specification and approval of the Engineer  | M2   | 87.69    |                           |          |        |     |
| 17   | <b>Gutter works</b><br>Supplying fitting and fixing of .5 mm th. coloured G I plain sheet gutter of 150 mm wide including with clamps, hooks, washers, as per drawing, specification and approval of the Engineer  | Rmt  | 93.00    |                           |          |        |     |
| 18   | <b>PVC Pipes Fitting and Fixing Works</b><br>Providing and installing rigid PVC pipe for soil and waste disposal (tested to 6kg/cm2 for PVC pipe) with high density tapering grip bolt clamping, with approved clamps, cutting wall and floor etc,. making good to its original finish etc. all complete with testing and ready for operation as per drawings, specification and approval of Engineer. |      |          |                           |          |        |     |
| a    | 110 dia PVC pipe for rain water outlet   | Rmt  | 70.00    |                           |          |        |     |
| b    | 110 dia PVC 45 degree bend   | No   | 10.00    |                           |          |        |     |

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| c                      | 110 dia PVC 90 degree bend   | No   | 10.00    |                           |          |        |     |
| <b>19</b>              | <b>SITE CLEARANCE WORKS</b><br>Clearance of site by whispering of pitch road coverage, cutting of shrubs etc. all complete as per drawing, specification and instruction all complete. | job  | 1.00     |                           |          |        |     |
| Sub Total of Rs.       |  |      |          |                           |          |        |     |
| Add vat @ 13%          |  |      |          |                           |          |        |     |
| Total Rs.              |  |      |          |                           |          |        |     |
| <b>20</b>              | <b>PROVISIONAL ITEMS</b><br>Provision of insurance for the Contractor's all risk policy covering all requirements stipulated in section VII (GCC), clause 13.1                         | job  | 1.00     |                           |          |        |     |
| <b>Grand Total Rs.</b> |  |      |          |                           |          |        |     |

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