

## Public flood-resistant and gender-friendly latrines for people with

| Location: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Beledwayne     |       |       |       |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|-------|-------|
| S/N       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit           | QNTY  | Price | Total |
| 1.1       | Site clearance, setting out, mobilization and demobilization of labor, tools, equipment, temporary facilities, and all associated works necessary for construction of one latrine complete.                                                                                                                                                                                                                                                                                                                                | ls             | 1     |       |       |
| 1.2       | Excavation of pit, 1.3 m diameter and 3.0 m deep, including disposal of surplus excavated material                                                                                                                                                                                                                                                                                                                                                                                                                         | m              | 3     |       |       |
| 1.3       | Cast a circular reinforced concrete (RCC) wall in M10 concrete (1:3:6 mix), 100 mm thick, 3.30 m high (3.00 m below ground level and 0.30 m above ground level), with an external diameter of 1.30 m. The work includes fixing 5 No. 10 mm diameter steel bars evenly around the wall from the bottom to the top, tying the bars with binding wire, providing formwork, mixing and placing concrete, compacting, curing, removing the formwork, and all labor, materials, tools, and other work needed to complete the job | m <sup>3</sup> | 1.45  |       |       |
| 1.4       | RCC cover slab M15 grade, 1.3m diameter, 0.1m thick, including formwork, reinforcement, concreting, compaction, curing, and finishing                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>3</sup> | 0.133 |       |       |
| 1.5       | Excavation of foundation trenches 2mx2m and 0.2m width 0.20 deep                                                                                                                                                                                                                                                                                                                                                                                                                                                           | lm             | 4.8   |       |       |
| 1.6       | rubble stone foundation in cement mortar 1:6 (1 cement : 6 coarse sand) including hand packing, laying, bedding, and filling with mortar, and plastering the outside face complete as per drawing and engineer's direction                                                                                                                                                                                                                                                                                                 | m <sup>3</sup> | 0.6   |       |       |
| 1.7       | supply and insallation coupled WC for persons with disability complete with 3/4 GI pipe hand grapsand inserted the floor and connecting to the pit with pvc pipe                                                                                                                                                                                                                                                                                                                                                           | ls             | 1     |       |       |

|     |                                                                                                                                                                                                                                                                                         |                 |           |  |  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|--|--|
| 1.8 | PCC slab 1:3:6, 80mm thick, including mixing, placing, compacting, leveling, and curing and screeding                                                                                                                                                                                   | m <sup>2</sup>  | 4         |  |  |
| 1.9 | supply all materials and labour and construct wall cladding using red in colour corrugated iron sheets gauge 30 fixed to 4no. Local hardwood corner posts with 50x25mm treated timber horizontal rails at 0.8m c/c including cutting, nailing, and complete installation as per drawing | m <sup>2</sup>  | 16.5      |  |  |
| 2   | Supply and fixing of corrugated iron sheets gauge 34 red in colour on 2.0 m x 2.0m roof over 80x40 mm timber frame, complete with all accessories                                                                                                                                       | m <sup>2</sup>  | 4         |  |  |
| 2.1 | Supply and fixing of 150 mm timber fascia board, including cutting, nailing/screws and all necessary fixing accessories, complete in position                                                                                                                                           | pcs             | 2         |  |  |
| 2.2 | Supply and installation of CGI door including complete frame, ironmongery, and locksets on both inside and outside, fixed in position and complete with all accessories                                                                                                                 | pcs             | 1         |  |  |
| 2.3 | Supply and installation of 2 inch pvc vent pipe                                                                                                                                                                                                                                         | pcs             | 1         |  |  |
| 2.4 | construction of rubble stone access ramp with 1:12 slope for persons with disabilities including excavation hardcore filling rubble stone masonry cement sand plaster finish and 3/4 gi pipe handrails on both sides inserted in the ramp                                               | pcs             | 1         |  |  |
| 2.5 | supply and installation of 20l plastic jerrican hand wash fixed to wall on timber support with tap and with tray                                                                                                                                                                        | pcs             | 1         |  |  |
| 2.6 | Visibility artwork and numbering                                                                                                                                                                                                                                                        | pcs             | 1         |  |  |
|     | <b>subtotal of One public, gender and PWD friendly latrines latrine</b>                                                                                                                                                                                                                 |                 |           |  |  |
|     | Tax (5%) (B)                                                                                                                                                                                                                                                                            |                 |           |  |  |
|     | <b>Final Total (A + B)</b>                                                                                                                                                                                                                                                              | <b>Latrines</b> | <b>18</b> |  |  |