

**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM               | DESCRIPTION                                                                                                                                                                                                                                    | UNIT           | QTY.  | RATE | TOTAL PRICE |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|------|-------------|
|                    | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                |                |       |      |             |
|                    |                                                                                                                                                                                                                                                |                |       |      |             |
|                    | <b>CONCRETE PIT</b>                                                                                                                                                                                                                            |                |       |      |             |
|                    | <b>SITWORK</b>                                                                                                                                                                                                                                 |                |       |      |             |
|                    | <u>The contractor should visit the site before pricing:</u>                                                                                                                                                                                    |                |       |      |             |
| B-1.4.2.1/1        | Site Setting out & clearance, including leveling.                                                                                                                                                                                              | Job            | 1     |      | 0           |
|                    | Soil replacement and/or compaction depends on soil investigation report, site conditions and according to specifications, all to engineer approval.                                                                                            |                |       |      | Note        |
| <b>B-1.4.2.2</b>   | <b>EARTHWORK</b>                                                                                                                                                                                                                               |                |       |      |             |
| <b>B-1.4.2.2.1</b> | <b>EXCAVATION</b>                                                                                                                                                                                                                              |                |       |      |             |
|                    | <u>Excavation in any type of soil including all hard and rock layers, removal of concrete floor, temporary earthwork supports, dewatering and any work below the supports, dewatering and any work below the normal water table levels to:</u> |                |       |      |             |
| B-1.4.2.2.1/1      | To Strip Foundation (7*1.3*0.6)                                                                                                                                                                                                                | m <sup>3</sup> | 5.50  |      | 0.00        |
| B-1.4.2.2.1/2      | To Concrete pit                                                                                                                                                                                                                                | m <sup>3</sup> | 40.00 |      | 0.00        |
| B-1.4.2.2.1/3      | To Ramp and mastaba (7*.50)                                                                                                                                                                                                                    | m <sup>3</sup> | 3.50  |      | 0.00        |
| <b>B-1.4.2.2.2</b> | <b>BACKFILLING</b>                                                                                                                                                                                                                             |                |       |      |             |
| -                  | <u>Approved selected backfill from imported fill according to site soil report recommendation and subject to Engineer's approval including compaction</u>                                                                                      |                |       |      |             |
| B-1.4.2.2.2/1      | To Strip Foundation                                                                                                                                                                                                                            | m <sup>3</sup> | 2.00  |      | 0.00        |
|                    | <u>Selected material compacted in layers 25cm, relative density 95%, including compaction and the like, according to site soil report recommendation and subject to Engineer's approval</u>                                                    |                |       |      |             |
| B-1.4.2.2.2/2      | Under slabs (including Ramp and mastaba) (7*0.74)                                                                                                                                                                                              | m <sup>3</sup> | 5.50  |      | 0.00        |
| B-1.4.2.2.2/3      | Under Strip Foundation, 1m depth (7*0.6)                                                                                                                                                                                                       | m <sup>3</sup> | 4.50  |      | 0.00        |
|                    | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                     |                |       |      | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**  
**BUILDINGS WORKS - BILL NO. B-1.4.2**  
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| ITEM               | DESCRIPTION                                                                                                                                                                                                                                                | UNIT           | QTY.  | RATE | TOTAL PRICE |
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|                    | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                            |                |       |      |             |
|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                 |                |       |      |             |
| <b>B-1.4.2.3</b>   | <b>STRUCTURAL CIVIL WORKS</b>                                                                                                                                                                                                                              |                |       |      |             |
|                    | Structural works for the facility as specified, shown in the drawings and as directed by the Engineer:                                                                                                                                                     |                |       |      |             |
| <b>B-1.4.2.3.1</b> | <b>CONCRETE WORKS</b>                                                                                                                                                                                                                                      |                |       |      |             |
|                    | The rate shall include all testing and sampling, as required by Engineer.                                                                                                                                                                                  |                |       |      | Note        |
|                    | Add additives for the concrete under sewage drain water, additive type and specification to engineer approval according to site condition.                                                                                                                 |                |       |      | Note        |
|                    | Quantity of Reinforced concrete: (The rate shall include Material, workmanship, Curing, Formwork, cutting, bending, martial loading & unloading, fabrication.Quantity of steel bars shall be measured as BBS                                               |                |       |      | Note        |
| B-1.4.2.3.1/1      | Plain concrete Grade 15, up to 100 mm thickness blinding, Under Strip Foundation                                                                                                                                                                           | m <sup>3</sup> | 0.50  |      | 0.00        |
| B-1.4.2.3.1/2      | Plain concrete Grade 15, up to 100 mm thickness blinding, Under Concrete pit Foundation                                                                                                                                                                    | m <sup>3</sup> | 1.30  |      | 0.00        |
| B-1.4.2.3.1/3      | Reinforced concrete Grade 30, including formwork, Strip foundation, as per drawing                                                                                                                                                                         | m <sup>3</sup> | 1.50  |      | 0.00        |
| B-1.4.2.3.1/4      | Reinforced concrete Grade 30, including formwork, Concrete pit foundation (including raft and walls), as per drawing                                                                                                                                       | m <sup>3</sup> | 17.00 |      | 0.00        |
| B-1.4.2.3.1/5      | Reinforced concrete Grade 30, including formwork, Beams for pit cover, as per drawing                                                                                                                                                                      | m <sup>3</sup> | 0.25  |      | 0.00        |
| B-1.4.2.3.1/6      | Reinforced concrete Grade 25, including formwork, Lintel Beams, as per drawing                                                                                                                                                                             | m <sup>3</sup> | 1.00  |      | 0.00        |
| B-1.4.2.3.1/7      | Reinforced concrete Grade 25, including formwork, Grade Slab, thickness, 100mm thick, including allowance for openings, 100mm Smooth Leveled Cement screed Surface finish (including footrest), Grey color, quality to engineer's approval, as per drawing | m <sup>3</sup> | 1.00  |      | 0.00        |
|                    | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                 |                |       |      | <b>0.00</b> |

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|                | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                              |                |      |      |             |
|                | <b>CONCRETE PIT- CONT.</b>                                                                                                                   |                |      |      |             |
|                | <b>STRUCTURAL CIVIL WORKS - CONT.</b>                                                                                                        |                |      |      |             |
|                | <b>CONCRETE WORKS - CONT.</b>                                                                                                                |                |      |      |             |
| B-1.4.2.3.1/8  | Reinforced concrete Grade 25, including formwork, Concrete Slab for pit cover, 180mm thick, including allowance for openings, as per drawing | m <sup>3</sup> | 2.00 |      | 0.00        |
| B-1.4.2.3.1/9  | Reinforced concrete Grade 25, including formwork, Ramps and mastaba, as per drawing                                                          | m <sup>3</sup> | 1.5  |      | 0.00        |
|                | <b><u>SUNDRIES</u></b>                                                                                                                       |                |      |      |             |
| B-1.4.2.3.1/10 | Reinforced Concrete cover size 1000mm*250mm for concrete pit cover, as per drawing                                                           | Nr.            | 1.00 |      | 0.00        |
|                | <b>TOTAL FOR THIS PAGE</b>                                                                                                                   |                |      |      | <b>0.00</b> |

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|                  | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                                                                    |                |       |      |             |
|                  | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                         |                |       |      |             |
| <b>B-1.4.2.4</b> | <b>MASONRY WORKS</b>                                                                                                                                                                                                                                                                                                                                                               |                |       |      |             |
|                  | <b><u>UNIT MASONRY</u></b>                                                                                                                                                                                                                                                                                                                                                         |                |       |      |             |
|                  | <u>Cement bricks in courses with cement sand mortar (mortar designation 1:6, minimum brick strength =5N/mm<sup>2</sup>), outer surface should be clean including pointing, work vertical and horizontal joint thickness 20mm, fixings, sealants, grouts, allow for openings, recess &amp; arches on walls if required. All the work shall include coping of the curtain walls.</u> |                |       |      |             |
| B-1.4.2.4/1      | 400 mm thick wall, for Strip foundation.                                                                                                                                                                                                                                                                                                                                           | LM             | 11.00 |      | 0.00        |
| B-1.4.2.4/2      | 200 mm thick wall (55 m <sup>2</sup> + 19 M <sup>2</sup> )                                                                                                                                                                                                                                                                                                                         | m <sup>2</sup> | 74.00 |      | 0.00        |
| B-1.4.2.4/3      | 150 mm thick wall boundary under ramp & mastaba                                                                                                                                                                                                                                                                                                                                    | LM             | 13.00 |      | 0.00        |
|                  | <b><u>ABLUTION</u></b>                                                                                                                                                                                                                                                                                                                                                             |                |       |      |             |
|                  | <u>Construct wall fixed brick ablution, complete with all necessary work required to fulfill the job, civil work, finishing work (ceramic tiling up to 1000mm height), waterproofing, water supply connection, drainage (to nearest manhole), fixtures, .... Etc, to engineer approval.</u>                                                                                        |                |       |      |             |
| B-1.4.2.4/4      | ablutions of 3 wall fixed basins.                                                                                                                                                                                                                                                                                                                                                  | Job            | 1     |      | 0.00        |
|                  | <b><u>Ceramic Tiles</u></b>                                                                                                                                                                                                                                                                                                                                                        |                |       |      |             |

|             |                                                                                                                                                                                            |                |    |  |             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----|--|-------------|
|             | Supply and fix non-slip Ceramic tiles (40*40) inside the latrines and between the curtain walls and latrines, all the work shall include skirting (20 cm) with the same ceramic tile type. |                |    |  |             |
| B-1.4.2.4/5 | Ceramic Tiles                                                                                                                                                                              | m <sup>2</sup> | 15 |  | 0.00        |
|             | <b><u>Pavement</u></b>                                                                                                                                                                     |                |    |  |             |
|             | Supply and fix external pavement cement bricks (interlock) with 1.5-meter width.                                                                                                           |                |    |  |             |
| B-1.4.2.4/6 | Pavement                                                                                                                                                                                   | m <sup>2</sup> | 75 |  | 0.00        |
|             | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                 |                |    |  | <b>0.00</b> |

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|                  | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                   |      |      |      |             |
| <b>B-1.4.2.5</b> | <b>DOORS AND WINDOWS</b>                                                                                                                                                                                                                                                                                                                                                                                     |      |      |      |             |
|                  | <b><u>GENERAL NOTE:</u></b>                                                                                                                                                                                                                                                                                                                                                                                  |      |      |      |             |
|                  | * For opening direction refer to arch. D & W plan.<br>* Door stopper fixation (wall/floor) depend on the door location on wall.<br>* For door frame wide refer to approved wall thickness.<br>* lever handle to have returns in direction of door, stainless steel stain finish                                                                                                                              |      |      |      |             |
|                  | <b><u>METAL DOORS</u></b>                                                                                                                                                                                                                                                                                                                                                                                    |      |      |      |             |
| B-1.4.2.5/1      | DS01, one leaves powder coated steel hinged door. Galvanized steel frame (1.5mm thick) and leaf sheet (1.25mm thick) secured door, complete with:<br>• hidden hinges.<br>• door stopper.<br>• secured lock.<br>• soft closing/opening with handrail for PWD.<br>• stainless steel kick off plate<br>opening size 1000x2000mm. refer to schedule of Doors, color of the doors will be shared by the engineer. | Nr.  | 1    |      | 0.00        |
| B-1.4.2.5/2      | DS02, one leaves powder coated steel hinged door. Galvanized steel frame (1.5mm thick) and leaf sheet (1.25mm thick) secured door, complete with:<br>• hidden hinges.<br>• door stopper.<br>• secured lock.<br>• soft closing with hidden door closer.<br>• stainless steel kick off plate<br>opening size 800x2000mm. refer to schedule of Doors, color of the doors will be shared by the engineer.        | Nr.  | 3    |      | 0.00        |
|                  | <b><u>WINDOWS</u></b>                                                                                                                                                                                                                                                                                                                                                                                        |      |      |      |             |

|             |                                                                                                                                                                                                                                                                                |     |   |  |             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|--|-------------|
|             | <u>Powder coated Aluminum Window, Double glazed 6mm reflected solar control tempered glass Externally (gray, brown), 6 mm clear tempered glass internally, 12mm air gap complete with sealant, standard accessories.</u><br><u>Reflective percentage to architect approval</u> |     |   |  |             |
| B-1.4.2.5/3 | WG01, Hinged windows with horizontal louvers, overall size 300x300mm, as per drawing.                                                                                                                                                                                          | Nr. | 4 |  | 0.00        |
|             | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                     |     |   |  | <b>0.00</b> |

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|                    | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                                             |                |       |      |             |
|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                  |                |       |      |             |
| <b>B-1.4.2.6</b>   | <b>FINISHES</b>                                                                                                                                                                                                                                                                                                                                             |                |       |      |             |
| <b>B-1.4.2.6.1</b> | <b>INTERNAL FINISHES</b>                                                                                                                                                                                                                                                                                                                                    |                |       |      |             |
|                    | <u><b>Walls</b></u>                                                                                                                                                                                                                                                                                                                                         |                |       |      |             |
|                    | <u>25mm thick cement sand plaster mortar, mix 1:6 with all necessary accessories (steel mesh, corner bead, dash coat in all concrete) with smooth finish ready to receive paint, for internal walls, including beams &amp; columns projection.</u>                                                                                                          |                |       |      |             |
| B-1.4.2.6.1/1      | Plaster system to internal walls                                                                                                                                                                                                                                                                                                                            | m <sup>2</sup> | 51.00 |      | 0.00        |
|                    | <u>1.5 Meter height of Oil painting then: A prime coat, two undercoats of Nile, National, Almohandes, African paints or equivalent, undercoat to reach smooth finish (vertical &amp; horizontal) &amp; two coats of National, Almohandes, African Emulsion color paint or equivalent.</u>                                                                   |                |       |      |             |
| B-1.4.2.6.1/2      | W01, weatherproof polyurethane paint, color to engineer approval.                                                                                                                                                                                                                                                                                           | m <sup>2</sup> | 51.00 |      | 0.00        |
|                    | <u>Supply and apply heavy-duty, cold-applied elastomeric bituminous coating to concrete surfaces of the septic tank, rate to include thorough surface preparation, application of one (1) compatible primer, and one (1) full topcoats applied perpendicular to each other, all in accordance with manufacturer specifications and Engineer's approval.</u> |                |       |      |             |
| B-1.4.2.6.1/3      | heavy-duty, cold-applied elastomeric bituminous coating                                                                                                                                                                                                                                                                                                     | m <sup>2</sup> | 58.00 |      | 0.00        |
| <b>B-1.4.2.6.2</b> | <b>EXTERNAL FINISHES</b>                                                                                                                                                                                                                                                                                                                                    |                |       |      |             |
|                    | <u>25mm thick cement sand plaster mortar, mix 1:6 with all necessarily and accessories (steel mesh, corner bead, dash coat in all concrete) with smooth finish ready to receive finish, for external walls, including beams &amp; columns projection.</u>                                                                                                   |                |       |      |             |
| B-1.4.2.6.2/1      | Plaster system to external walls                                                                                                                                                                                                                                                                                                                            | m <sup>2</sup> | 75.00 |      | 0.00        |
|                    | <u>A prime coat, three undercoats of Nile, National, Almohandes, African paints or equivalent, color to engineer approval.</u>                                                                                                                                                                                                                              |                |       |      |             |
| B-1.4.2.6.2/2      | W01, weatherproof polyurethane paint, color to engineer approval.                                                                                                                                                                                                                                                                                           | m <sup>2</sup> | 75.00 |      | 0.00        |

|               |                             |                |       |  |             |
|---------------|-----------------------------|----------------|-------|--|-------------|
| B-1.4.2.6.2/3 | Protection Colorless Paint. | m <sup>2</sup> | 75.00 |  | 0.00        |
|               | <b>TOTAL FOR THIS PAGE</b>  |                |       |  | <b>0.00</b> |

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|                  | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>   |      |      |      |             |
|                  | <b>CONCRETE PIT- CONT.</b>                                        |      |      |      |             |
| <b>B-1.4.2.7</b> | <b>SPECIALTIES</b>                                                |      |      |      |             |
|                  | <u>Signage (Stainless steel or to engineer approval)</u>          |      |      |      |             |
| B-1.4.2.7/1      | Toilet Sign, project details sign                                 | Nr.  | 1    |      | 0.00        |
|                  | <u>Paint (Size to be selected according to engineer approval)</u> |      |      |      |             |
| B-1.4.2.7/1      | Logos - In latrines doors, Wall and Tank base                     | Nr.  | 6    |      | 0.00        |
|                  | <b>TOTAL FOR THIS PAGE</b>                                        |      |      |      | <b>0.00</b> |

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|                  | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                              |                |       |      |             |
| <b>B-1.4.2.8</b> | <b>PRE- ENGINEERED BUILDINGS</b>                                                                                                                                                                                                                                                                                                                                        |                |       |      |             |
|                  | <b>NOTE</b>                                                                                                                                                                                                                                                                                                                                                             |                |       |      |             |
|                  | <u>Contractors should allow for all requirements submitted by steel structure supplier which have not been considered without any variation.</u>                                                                                                                                                                                                                        |                |       |      |             |
|                  | <u>The rate shall include verification, members connection design, shear connection, plates, bolts, and welded, as per design, supply &amp; install.</u>                                                                                                                                                                                                                |                |       |      |             |
|                  | <u>Provide, Erect &amp; fix Steel Structural frame, complete with all necessary work required, steel members as per drawings, bolts, anchor bolts, plates, connections, welding, bracing, Light crème color Paint, with anti-rust paint (see details for steel works in the structure drawings), the rate shall include fixation and all accessories, as following:</u> |                |       |      |             |
| B-1.4.2.8/1      | RHS (80*40*2) For Roof sheeting.                                                                                                                                                                                                                                                                                                                                        | LM             | 16.00 |      | 0           |
|                  | <u>C01, Corrugated Zinc sheet 0.5 mm thick, complete with fascia, Powder coated White color Paint, with anti-rust paint, thermal insulation layers (fiber glass 5cm density 12 kg/m3) as per drawings to architect approval, the rate shall include fixation and all accessories, for roof.</u>                                                                         |                |       |      |             |
| B-1.4.2.8/2      | For toilets roof sheeting.                                                                                                                                                                                                                                                                                                                                              | m <sup>2</sup> | 15.00 |      | 0.00        |
|                  | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                              |                |       |      | <b>0.00</b> |

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|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |       |      |             |
| <b>B-1.4.2.9</b>   | <b>MECHANICAL WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |      |             |
| <b>B-1.4.2.9.1</b> | <b>PLUMBING INSTALLATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |       |      |             |
|                    | <b><u>WASTE, DRAINAGE &amp; VENT INSTALLATION</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |             |
|                    | Supply & installation of UPVC sch40 pipes & fittings according to the ASTM standard (FABCO or approved equal) for waste and drainage pipes embedded in concrete slab, suspended on slab, hanged exposed, or layed underground. Price shall include all types of fittings, roof vents, supports, hooks, labling, warning detectable tape, stainless steel fasteners and all excavation and quarrying. All to be done according to specifications, drawings, and approval of the Engineer. |      |       |      |             |
| B-1.4.2.9.1/1      | Ø50 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LM   | 30.00 |      | 0.00        |
|                    | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |       |      | <b>0.00</b> |

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|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                 |      |      |      |             |
|                    | <b>MECHANICAL WORKS - CONT.</b>                                                                                                                                                                                                                                                                                                                                            |      |      |      |             |
| <b>B-1.4.2.9.2</b> | <b>SANITARY FIXTURES AND ACCESSORIES</b>                                                                                                                                                                                                                                                                                                                                   |      |      |      |             |
| B-1.4.2.9.2/1      | Supply and install of water brass bibb, shall be from local market brand to be approved by engineer. The rate shall include connection to water supply system and all necessary accessories. All shall be done according to the drawings, specifications and approval of the engineer.                                                                                     | Nr.  | 1    |      | 0.00        |
| B-1.4.2.9.2/2      | Supply & installation of UPVC Hand Washing drain (FABCO or approved equal) with all connections, excavation, complete with all needed elbow and all types of fittings. All to be done according to the drawings, specifications and approval of the Engineer.                                                                                                              | Nr.  | 1    |      | 0.00        |
| B-1.4.2.9.2/3      | Supply & installation of 110 mm diameter UPVC floor drain (FABCO) or approved equal with 15cm X 15cm square chrome plated cover (high quality), and multi-inlet adjustable trap. The rate shall include excavation and backfilling for all connection with drainpipes and fixtures. All to be done according to the drawings, specifications and approval of the Engineer. | Nr.  | 1    |      | 0.00        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |   |  |             |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|--|-------------|
| B-<br>1.4.2.9.2/4 | Supply & Installation of Best Quality Vitreous China Floor mounted toilet for disabled, white color, from Ideal standard or approved equal. <b>Price shall include all fixation and supporting accessories, handrails inside the latrine</b> , fittings, hard solid seats with soft close cover, the price includes connection to drainage system, and all civil works related to fixation. All to be done according to the drawings, specifications and approval of the Engineer. | Job | 1 |  | 0.00        |
| B-<br>1.4.2.9.2/5 | Supply & installation of Best Quality Vitreous China Eastern Style water closet (Squatting pan) W.C white color, from Ideal standard or approved equal. Price shall include all fixation and supporting accessories, fittings, the price includes connection to drainage system, and all civil works related to fixation. All to be done according to the drawings, specifications and approval of the Engineer.                                                                   | Nr. | 3 |  | 0.00        |
|                   | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |   |  | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**

**BUILDINGS WORKS - BILL NO. B-1.4.2**

**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM               | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                  | UNIT | QTY.  | RATE | TOTAL PRICE |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------------|
|                    | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                                                                                                              |      |       |      |             |
|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |      |             |
|                    | <b>MECHANICAL WORKS - CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |             |
| <b>B-1.4.2.9.3</b> | <b>DOMESTIC HOT AND COLD-WATER SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |             |
|                    | <u>Supply &amp; installation of type PPR pipes (PN20) from TECHNO or approved equal made for domestic hot &amp; cold-water distribution pipes, the work shall include all required types of fittings, valves, required flow direction signs, hangers and all needed accessories. All shall be done as per drawings, specifications and the approval of the Engineer. All the sizes below represented the outer diameter.</u> |      |       |      |             |
| B-<br>1.4.2.9.3/1  | Ditto but 25mm                                                                                                                                                                                                                                                                                                                                                                                                               | LM   | 10.00 |      | 0.00        |
| B-<br>1.4.2.9.3/2  | Ditto but 32mm                                                                                                                                                                                                                                                                                                                                                                                                               | LM   | 14.00 |      | 0.00        |
|                    | <b><u>MISCELLANEOUS WORK</u></b>                                                                                                                                                                                                                                                                                                                                                                                             |      |       |      |             |
|                    | <b><u>WATER TANKS</u></b>                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |             |
|                    | Supply & installation of food graded 1000 liters PVC water tank, inlet connection, outlet connection, overflow pipe, all required valves & accessories including 1.5-meter height brick tank base plastered and painted. All shall be done according to the drawings, specifications & the approval of the Engineer.                                                                                                         | Job  | 1     |      | 0.00        |
|                    | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |      | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**  
**BUILDINGS WORKS - BILL NO. B-1.4.2**  
**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM               | DESCRIPTION                                                                                                                                                                                                                                                                                                                                | UNIT | QTY. | RATE | TOTAL PRICE |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------------|
|                    | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                            |      |      |      |             |
|                    | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                 |      |      |      |             |
|                    | <b>MECHANICAL WORKS - CONT.</b>                                                                                                                                                                                                                                                                                                            |      |      |      |             |
| <b>B-1.4.2.9.4</b> | <b>HVAC SYSTEM</b>                                                                                                                                                                                                                                                                                                                         |      |      |      |             |
|                    | -                                                                                                                                                                                                                                                                                                                                          |      |      |      |             |
|                    | <b><u>CENTRIFUGAL WALL MOUNTED FANS</u></b>                                                                                                                                                                                                                                                                                                |      |      |      |             |
|                    | <u>Supply &amp; installation of Centrifugal Fan with wiring, Support, electric and control devices &amp; connection, disconnect switch, vibration isolator, flexible connection with all necessary accessories as specified and shown on drawings. as specified and shown on drawings and specifications, the fan shall be with IP 45.</u> |      |      |      |             |
| B-1.4.2.9.4/1      | Ditto but Centrifugal Wall Type Supply fan with Air Flow rate of [50] cfm.                                                                                                                                                                                                                                                                 | Nr.  | 4    |      | 0.00        |
|                    | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                 |      |      |      | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**  
**BUILDINGS WORKS - BILL NO. B-1.4.2**  
**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                          | UNIT | QTY. | RATE | TOTAL PRICE |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------------|
|                     | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                                                                                                                      |      |      |      |             |
|                     | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                                           |      |      |      |             |
| <b>B-1.4.2.10</b>   | <b>ELECTRICAL WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |      |             |
| <b>B-1.4.2.10.1</b> | <b>LIGHTING FIXTURES PROVISION</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |      |      |             |
|                     | <u>Supply, install, connect, test and commission the following light fixtures: (The price include fixing of fixtures, tube/bulb and electronic control drive from well know brand) and with specifications as shown in lighting fixtures drawing. The price shall include all ancillary works according to the drawing &amp; specs. The brand of Lighting Fixtures shall be (ALLRIGHT, ONE LIGHT or approved equal). Comprising:</u> |      |      |      |             |
| B-1.4.2.10.1/1      | Type (2)                                                                                                                                                                                                                                                                                                                                                                                                                             | Nr.  | 2    |      | 0.00        |
| B-1.4.2.10.1/2      | Type (5)                                                                                                                                                                                                                                                                                                                                                                                                                             | Nr.  | 4    |      | 0.00        |
|                     | <b><u>LIGHTING CONTROL</u></b>                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |      |             |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |   |  |             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|--|-------------|
|                | Supply, Install, connect, test and commission the following switch 10A/240V/50HZ (MK/LEGRAND or approved equal) as specified and as listed in the manufacturer's list according to the approved submittal. The price including wiring, conduits, conduits fittings, metal boxes and ancillary works according to the drawing & specifications (Conduits/CONCEPT-UAE or approved equal). (Wires ALSHARQ Cables or approved equal). Comprising: |     |   |  |             |
| B-1.4.2.10.1/3 | One way one gang weatherproof switch.                                                                                                                                                                                                                                                                                                                                                                                                         | Nr. | 6 |  | 0.00        |
|                | <b>DISCONNECT SWITCH</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |     |   |  |             |
| B-1.4.2.10.1/4 | Supply, Install, Connect, Test and Commission disconnect switch with enclosure, 20A Breaker.                                                                                                                                                                                                                                                                                                                                                  | Nr. | 1 |  | 0.00        |
|                | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |     |   |  | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**

**BUILDINGS WORKS - BILL NO. B-1.4.2**

**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                            | UNIT | QTY. | RATE | TOTAL PRICE |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------------|
|                     | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b>                                                                                                                                                                                                                                                                                                                                                        |      |      |      |             |
|                     | <b>CONCRETE PIT- CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                             |      |      |      |             |
|                     | <b>ELECTRICAL WORKS - CONT.</b>                                                                                                                                                                                                                                                                                                                                                                                        |      |      |      |             |
| <b>B-1.4.2.10.2</b> | <b>MEP SYSTEMS OUTLETS PROVISION</b>                                                                                                                                                                                                                                                                                                                                                                                   |      |      |      |             |
|                     | Supply, install, connect, test and commission the following outlets of variant MEP systems including wiring, flexible cable, conduits, conduits fittings, metal boxes and ancillary works according to the drawing & specifications (Conduits, Cables/Wires of approved brand). Comprising:                                                                                                                            |      |      |      |             |
| B-1.4.2.10.2/1      | Lighting fixtures outlets points via wires of cross section 3x2.5 mm2 copper wires and wiring accessories as stated in load schedules and drawings via 20mm PVC Conduit, or as per drawing and specifications, for the main circuit/sub circuit up to the distribution panel. The control of this circuit is from any kind of switch, dimmer or controller. Maximum No of wires with in each 20mm conduits is 6 wires. | Nr.  | 6    |      | 0.00        |
|                     | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                                             |      |      |      | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**

**BUILDINGS WORKS - BILL NO. B-1.4.2**

**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM              | DESCRIPTION                                                     | UNIT | QTY. | RATE | TOTAL PRICE |
|-------------------|-----------------------------------------------------------------|------|------|------|-------------|
|                   | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b> |      |      |      |             |
|                   | <b>CONCRETE PIT- CONT.</b>                                      |      |      |      |             |
| <b>B-1.4.2.11</b> | <b>SOAKAWAY PIT</b>                                             |      |      |      |             |

|              |                                                                                                                                                                                                                                                                                                                                                                                                        |     |   |  |             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|--|-------------|
| B-1.4.2.11/1 | <u>Soak away pit, size 2500x1500mm (depth to be decided on site up to porous earth or sand layer), including Excavation, backfill, reinforced concrete removable cover, brick wall in (1:3) C/S mortar for all boundaries with filtration holes, gravel with different sizes. piping work, Heavy-duty cast-iron cover 600x600mm, and any other work to fulfill the job, as per structural details.</u> | Job | 1 |  | 0.00        |
|              | <b>TOTAL FOR THIS PAGE</b>                                                                                                                                                                                                                                                                                                                                                                             |     |   |  | <b>0.00</b> |

**BILLS OF QUANTITIES/PRICING SCHEDULES**  
**BUILDINGS WORKS - BILL NO. B-1.4.2**  
**FOUR DOORS VIP LATRINE (LAT-4) - CONCRETE PIT**

| ITEM | DESCRIPTION                                                     | UNIT | QTY. | RATE | TOTAL PRICE |
|------|-----------------------------------------------------------------|------|------|------|-------------|
|      | <b>BILL NO. B-1.4.2: FOUR DOORS VIP LATRINE (LAT-4) - CONT.</b> |      |      |      |             |
|      | <b>CONCRETE PIT- SUMMARY</b>                                    |      |      |      |             |
|      | TOTAL OF PAGE B-1.4.2-1/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-2/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-3/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-4/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-5/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-6/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-7/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-8/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-9/16                                      |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-10/16                                     |      |      |      | 0.00        |
|      | TOTAL PAGE B-1.4.2-11/16                                        |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-12/16                                     |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-13/16                                     |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-14/16                                     |      |      |      | 0.00        |
|      | TOTAL OF PAGE B-1.4.2-15/16                                     |      |      |      | 0.00        |
|      | <b>TOTAL FOR THIS PAGE</b>                                      |      |      |      | <b>0.00</b> |