

TECHNICAL REQUIREMENTS FOR MOBILE TOILETS

Item No	DESCRIPTION	Evaluation criteria
1	Cabin	Should be lightweight, compact, sturdy design, and should have user-friendly functionality.
2	Cabin	Provide for maximum ventilation
3	Cabin	Anti-slip floor surface for improved safety
4	Cabin	Size: L: 1m X W: 1m X H: 1m95cm
5	Cabin	Fabric of cabin: EPS 50MM
6	Cabin	Equipped with Sanitary, Tissue rolls and Waste Bins
7	Cabin	Outer door should be equipped with lock and key.
8	Cabin	Resistant to cyclonic weather conditions
9	Septic Tank	Working Capacity: 1500 lts
10	Septic Tank	Overall Dimensions: as from 925mm x 2225mm x 1200mm
11	Septic Tank	<p>INLET (IN): Piping from house OUTLET (OUT): Piping to the absorption pit. The piping should have a slope of 2% minimum. The incoming piping should be fitted with an air vent pipe (above roof), minimum diameter 75mm. The septic tank should be protected by a heavy duty reinforced concrete slab which is NOT supported by the septic tank if same is installed in flooded areas / high water table, driveways and areas where heavy load may occur. Whenever a septic tank needs to be emptied for maintenance, it should be refilled with water immediately, so as to avoid risk of collapse of the septic tank due to external pressures (soil and or high water table). The septic tank should be installed in a horizontal position and level.</p>
12	Wash Hand Bassin	Hand Washing Station should be basic and portable. With its compact size, it should easily fit inside most portable restrooms for easy transport.
13	Wash Hand Bassin	Sink shall be equipped with one tap hole and overflow hole.
14	Wash Hand Bassin	Equipped with soap dispenser
15	Wash Hand Bassin	Includes drain plugs
16	WC Pan and Cistern	WC Pans and cisterns shall be standard height with incorporating flush system and waste tanker. The waste tank shall be easily removed and replaced by a clean and empty one.

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17	Electical Safety	<p>All electrical installation shall be conform to BS7671:2008+A3:2015 standard.</p> <p>The Contractor shall appropriately size the electrical cables which shall be installed in cable trays/electrical PVC conduits/PVC trunkings for a neat fixation of the cables and protected from any mechanical damage. The electrical cables shall be multicore power cables [L (Brown), N (Blue) and E (Green/Yellow)] consisting of PVC insulation for the copper conductor and a PVC sheath that will enclosed all the insulated conductors. Any electrical cable to be installed underground/buried shall be armoured and installed in high pressure PVC sleeves.</p> <p>Any electrical installation to be made by the Contractor shall be coordinated with the CWA. The electrical installation shall be protected by an appropriately sized upstream Residual Current Device (rated 30mA) and Circuit Breaker which shall be housed in a Distribution Board of minimum Ingress Protection IP65 and Impact Protection IK09.</p>
18	Supplier experience in the field	<p>To provide:</p> <ul style="list-style-type: none"> (a) CIDB Report. (b) company profile and past experience (b) average annual monetary value of services provided over the last three years (c) experience in services of a similar nature and size, and details of services presently provided or contractually committed; and clients who may be contacted for further information on those contracts; (d) qualifications and experience of key site management and technical personnel proposed for the Contract;