

**TECHNICAL SPECIFICATION OF MOBILE TOILET WITH 10 TOILETS  
( 5 + 5= 10 SEATERS)**

**SUPER STRUCTRE**, Nos. of Toilet Cubicals 10 Nos., Platform/Base frame : 6.90m(L) X 2.9m (W) x 2.1m (H) approx made with suitable M.S. Channel frame worked intermediate cross support sets shall be suitably welded and fix on chassis, Toilet Cubical Size 1.0 m(L) X 1.0 m(W) X 2.0 m(H) approx. (outside). Toilet Base floor :

The M.S angle frame shall be suitably welded and fixed on above platform/ base frame with stainless steel 304 grade plate on top including cutting & making hole for 1 WC pan including providing & fixing one no. ISI marked SS Lavatory Pan of size with integral type foot rests and the floor should have suitable slope (Indian Cabin-8 Nos. EWC Cabin – 2 Nos., Walkway : Suitable support and FRP chequered plate on top suitably reinforced below with M.S. frame and should be foldable type, Ladder : 2 Nos. Ladders fixed type with MS frame work with pipe handle bar, Anti-skid Fiber Chequered plate on steps.-Foldable, Walls & Partition : The walls shall be made with 40mm thick **PUFF** having density of 36+2kg/m<sup>3</sup> sandwiched panel clad with **PPGI sheets** of minimum thickness of 0.5mm on both sides, and shall be fixed with bottom with suitable U-Track & moulded PVC side corners or other anti-corrosive suitable Joinery material., Door and Door frame :

The door shall be made with 40mm thick **PUF** having density of 36+2kg/m<sup>3</sup> sandwiched panel clad with PPGI sheets of minimum thickness of 0.5 mm on both sides the door shutter shall be of 635mm wide & centre folding shall be provided with 02nos. aldrops One each at inside & outside, 01No. Tower bolts at the center in side and hand less hall be provided on both the sides., Roof : The roof shall be made with 30/60 mm puff sandwiched panel clad with 0.5 mm thick ribbed PPGI sheet on top and plane inside with reqd. slope with suitable side projections & fixed with suitable fasteners., Ventilation : Sufficient suitable opening above the each door & grills /louvers in each cubical for cross ventilation as reqd.

**TRAILER SPECIFICATION (UNDER-CARRIAGE)** Chassis & Turn Table : Four Wheeled Chassis made from sizes ISMC-100 and cross members of C-Sections of ISMC-75, and turntable made from ISMC-100., Tow Bar : Detachable, connected with turn table made with suitable M.S. Channel frame work, Tow Eye Size Spring cushion eye, 50 mm, Suspension : Semi elliptical leaf spring set for four wheels, Axle : Number: 02, size: 100 X 100 mm M.S. sq./round, Hub : Number: 04, Material: Cast Steel , Wheels : 4 Nos of reputed brand, Mounting accessories: Tool box with base tool kit & jack etc.

**SLUDGE TANK** : 1500 liters (approx.) fitted with necessary frame work and required supports with chassis frame, Material : 2.5 mm Stainless steel 304 grade,

**WATER TANK** : 1000 liters (approx.) fitted with necessary frame work and required supports and should covered properly, Material HDPC., Fittings Water filling point at front of the toilet van, PVC water line with tap from water tank to all toilet compartments.

**LIGHTING ARRANGEMENT**: Total 16 Nos. wall mounted power saver LED fixtures as per requirement separate electric junction box for switch, MCB & wire spool for electricity connection, with necessary safety provisions. Standard ISI approved switches, wires and accessories

**PAINT WORK on chassis** : Two coats of anti-corrosive P.U. base primer. Two coats of P.U. shade as per choice. Numbering, Male female logo, design as approved by authority,

**Accessories** : One no. S.S twin hook on back/ inside of door of each cubicle. One no. 15mm dia PTMT Tap with reqd Piping etc of each cubicle. Separate space for gents and ladies washbasins is provided with mirror and towel stand and soap stand made from S.S quality Fe 304 grade washbasin at back.(18"x12"size)- 2no

**Warranty** : The supply shall be guarantee/ warrantee for a period of one year against any manufacturing defect and the firm shall be responsible for any replacement / repair during the warranty period free of cost and within shortest possible time.