



# Rate contract for Supply, installation & maintenance of Modular Toilets & Bio- Toilets



## **RANCHI MUNICIPAL CORPORATION**

Kutchury, Ranchi-834001

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email: [support@ranchimunicipal.com](mailto:support@ranchimunicipal.com), website: [www.ranchimunicipal.com](http://www.ranchimunicipal.com)

Letter No:2698

Date: 04/12/17

### **VEY SHORT TENDER NOTICE**

The Municipal Commissioner, Ranchi Municipal Corporation invites proposals from reputed agency or firm or manufacturer having similar experience for Supply & Installation of pre-fabricated/ pre engineering Modular Toilets, Bio-Toilets including civil, electrical, sanitary and waste management as per drawing in bid document with operation and maintenance for three years which can be renewed further based on performance. The Bidders have to quote Unit Rate for each items inclusive all taxes which will be valid for a period of one year which can be renewed further based on the performance of firm and quality of product.

The Bid Document is to be submitted in two sealed covers (Technical & Financial) and addressed to the Municipal Commissioner, Ranchi Municipal Corporation, Ranchi on or before 1400 hrs on 12 /12/2017.

The detailed Bid document can be downloaded from Website <http://www.ranchimunicipal.com> from 05 /12/2017. A document fee of Rs. 5000/- shall be paid in the form of demand draft in favour of Municipal Commissioner, Ranchi Municipal Corporation along with Bid Documents. Otherwise downloaded Tender document shall not be considered. Other details can be seen in the Bid document.

Sd/-

Municipal Commissioner  
Ranchi Municipal Corporation

Memo No. ....

Date .....

Copy To : Mr. Amit, GIS Specialist for publication of this notice in local edition of daily newspapers.

Sd/-

Municipal Commissioner  
Ranchi Municipal Corporation

**::SCHEDULE OF EVENTS::**

S.no	Events	Date & Time	Venue
1	Publication of Bid Documents on Website	05/12/2017	
2	Last date & Time of Submission of Bid	12/12/2017 upto 2.00 pm	RMC OFFICE
3	Opening of Technical Bid	12/12/2017 at 4.00 pm	MUNICIPAL COMMISSIONER CHAMBER, RMC
4	Opening of Financial Bid	13/12/2017 at 4.00 pm	MUNICIPAL COMMISSIONER CHAMBER, RMC
5	Announcement of Successful Bidder	14/12/2017 at 4.00 p.m	MUNICIPAL COMMISSIONER CHAMBER, RMC
6	Agreement with Successful Bidder	15/12/2017	MUNICIPAL COMMISSIONER CHAMBER, RMC

- 1) If any date specified herein is a holiday, then the next working day will be considered for the activity and the time will remain the same.
- 2) The Schedule indicated above is tentative and RMC may change any or the entire schedule under intimation to all bidders.

**A. INTRODUCTION**

Ranchi Municipal Corporation (RMC) in its endeavours under Swachh Bharat Mission to improve the city's public amenities and to enrich the city's aesthetics, sanitation and hygiene invites Responsive Bids for the Supply, Installation & Maintenance of modular toilets, bio-toilets under rate contract for a period of one year covering following aspects

- (i) The bidders can bid in consortium for operation and maintenance for three years. Only one consortium partner is allowed.
- (ii) Operation and Maintenance to be done for 12hrs/day.

**B. OBTAINING OF DOCUMENTS**

The RFP document can be downloaded from the RMC website [www.ranchimunicipal.com](http://www.ranchimunicipal.com) from the dates mentioned. A demand draft for an amount of Rs.5,000 (Rupees Five thousand only) drawn on any Nationalized/ Scheduled Bank in India in favour of Municipal Commissioner, Ranchi Municipal Corporation and payable at Ranchi needs to be submitted along with the proposal towards the cost of document fee.

**C. VALIDITY OF PROPOSALS**

The Proposal shall be valid for a period of not less than 180 days from the Proposal Due Date. RMC reserves the right to reject any bid which does not meet the requirement.

**D. SELECTION PROCESS**

The Authority has adopted a Single Stage – Two Rounds selection process (collectively the “Selection Process”) in evaluating the Proposals comprising technical (pre-qualification) and financial bids to be submitted in two separate sealed envelopes. The bidders who qualify the Technical Bid stage will automatically qualify for the Financial

Round. Based on this, a list of L1 Bidders for each items category shall be prepared against the submitted financial bid.

**E. AMENDMENT IN TENDER DOCUMENTS**

RMC may modify the Bid Document by issuing an addendum/ corrigendum before Proposal Due Date. Any addendum/ corrigendum thus issued shall be part of this Bid Document and shall only be hosted on the official website of the RMC.

**F. LATE PROPOSALS**

Any Proposal received after the time and date of the Proposal Due Date shall not be accepted and summarily rejected.

**G. BIDDERS' RESPONSIBILITIES**

G.1 Each Bidder is expected to examine carefully the contents of all the documents provided and consisting of this Bid Document. Failure to comply with the requirements of this Bid document will be at the Bidders' own risk.

G.2 It would be deemed that prior to the submission of the Proposal, the Bidder has made a complete and careful examination of requirements and other information set forth in this Bid document;

G.3 Made a complete and careful examination of the various aspects of the Project. RMC shall not be liable for any inadvertent mistake or error or neglect by the Bidder in respect of the above.

G.4 Each Bidder shall submit only 1 (one) bid in response to this NIT. Submission of more than 1 (one) bid by any Bidder shall be sufficient ground for disqualification of the Bidder.

G.5 The Bidder shall be responsible for all costs associated with the preparation of its Proposal and its participation in the Bidding Process. RMC will not be responsible nor in any way liable for such costs, regardless of the conduct or outcome of the Bidding Process.

**H. CONFIDENTIALITY**

Information relating to the examination, clarification, evaluation, and recommendation for the Bidders shall not be disclosed to any person not officially concerned with the process. RMC will treat all information submitted as part of Proposal in confidence and would require all those who have access to such material to treat the same in confidence. RMC will not divulge any such information unless it is ordered to do so by any authority that has the power under law to require its disclosure which is required for the purposes of evaluation of the Proposals submitted by the Bidders.

**I. NOTIFICATION**

The Selected Bidder would be declared and notified in writing by RMC. Letter of Intent (LOI) to the Selected Bidder shall be issued.

**J. RMC RIGHT TO ACCEPT OR REJECT PROPOSAL**

J1. RMC reserves the right to accept or reject any or all of the bids without assigning any reason and to take any measure as it may deem fit, including

J2. RMC reserves the right to invite fresh bids by issuing a fresh notice at any stage without liability or any obligation for such invitation and without assigning any reason.

J3. RMC reserves the right to reject any Bid if:

- At any time, a material misrepresentation is made or uncovered for a Bidder or any of its members; or

- The Bidder does not respond promptly and thoroughly to requests for supplementary information required for the evaluation of the bid; or
- The Bid is not accompanied by documents and annexure required to be submitted in accordance with this Bid document; or
- Failure to comply with the requirements of the Bid document; or
- Any Bid that is received after the Proposal Due Date; or
- Any bid that is not accompanied by the Bid Processing Fee and/or Earnest Money.
- The above would lead to disqualification of the Bidder. If the Bidder is a consortium, then the entire consortium would be disqualified/ rejected. If such disqualification/ rejection occurs after the Financial Proposals have been opened and the Selected Bidder gets disqualified/rejected, RMC reserves the right to take any such measure as may be deemed fit in the sole discretion of RMC, including annulment of the bidding process, inviting other Bidder(s) for negotiation, inviting all qualified Bidders for negotiations. Notwithstanding the above, RMC may debar / blacklist any of the Bidder(s) for their misleading or false representations in the forms, statements etc. for the period to be decided by RMC.
- In case, the Selected Bidder fails to execute the Agreement after issue of LOI, RMC reserves the right to invite the second eligible Bidder (-) for discussions/negotiations or may also decide to annul the Bidding Process or may invite fresh bids for the work. In case the Selected Bidder fails to execute the Agreement within specified timelines or fails to submit the Bank Guarantee in terms of the Bid document, the entire Bid Security submitted by the Selected Bidder shall be forfeited by the RMC.
- The EMD of unsuccessful Bidders will be returned as promptly as possible after the declaration of the selected bidder.
- Notwithstanding anything contained in the Bid document, if there is only one Bidder complying with the conditions of the Technical Bid evaluation and is declared "Qualified" after completion of such evaluation, RMC may at its own discretion relax the norms of evaluation and pre-qualify the next best bidders.

#### **K. ELIGIBILITY CRITERIA**

- Average Turnover of INR 50 lakh in the past 3 years of the bidder or one or both of the consortium/JV members, in the relevant field will be considered. Copy of audited balance sheet or certificate from Auditor towards such financial performance to be attached.
- Experience of similar nature in Sanitation at least 2 projects for minimum 3 years. Proof of such experience to be attached.
- Preference will be given to presence in Ranchi. Proof to be attached.

- A Bidder shall be a private, or public legal entity, or a combination of them in the form of association(s) including Joint Venture (JV). In the case of a JV/ consortium, (i) all parties shall be jointly and severally liable, (ii) the number of partners shall be limited to 02 (two) and (iii) the proposed lead partner shall be clearly specified. Proof in the form of a power of Attorney in favour of the lead member to be furnished.
- The bidder (members of JV/consortium/its Directors/ Partners) should not have been blacklisted by any other ULBs/Govt. Bodies/PSUs in India. An Undertaking to this effect may be submitted at the time of submission of bid
- The eligibility criteria listed in herein shall apply to the Bidder, including the parties constituting the Bidder, i.e., its proposed partners, subcontractors or suppliers for any part of the Contract including related services. In addition, the lead partner shall have to fulfil the criteria listed in the Bid Document.
- For the Financial eligibility criteria, financial credentials of the Lead member to be used.
- All Bids must be submitted, duly signed by the Bidder (or the Lead Member authorized by each consortium member to sign the Bid on behalf of the consortium).

#### **L. EARNEST MONEY DEPOSIT (EMD)**

- The bid should be accompanied by Earnest Money Deposit of INR 50,000.00 (Fifty Thousand only). The EMD shall be kept valid throughout the period of 45 (forty five) days beyond the Proposal Validity Period including any extensions thereto and would be required to be extended further if so required by RMC. Any extension of the validity of the EMD as requested by RMC shall be provided to RMC, a minimum of 7 (seven calendar) days prior to the expiry of the validity of the EMD, being extended. When an extension of the Bid Validity Period is requested, Bidders shall not be permitted to change the terms and conditions of their Bids. RMC reserves the right to reject the bid submitted by any Bidder who fails to extend the validity of the EMD in line with the provisions of this clause.
- The EMD shall be in the form of a Demand Draft issued by a Nationalized or Scheduled Bank in favour of the Municipal Commissioner, Ranchi Municipal Corporation, payable at Ranchi. RMC shall not be liable to pay any interest on the EMD so made and the same shall be interest free. It shall be the responsibility of the Bidder to extend the validity of the EMD instruments as and when required. Non-renewal of the same shall result into cancellation of bid of the bidder.
- The EMD of unsuccessful Bidders will be returned by RMC, without any interest, as promptly as possible upon acceptance of LoI by the Selected Bidder or when the Bidding Process is annulled by the RMC. RMC shall reject the bid which does not include the EMD as a part of Technical Bid. RMC shall reject the bid, if the bid submitted by the Bidder is declared non-responsive/ non-qualified/conditional by RMC; or if the bid is not as per the Format(s) provided in the Bid document.

- The EMD will adjusted into performance security for successful bidders.

**The entire Bid Security/EMD shall be forfeited in the following cases:**

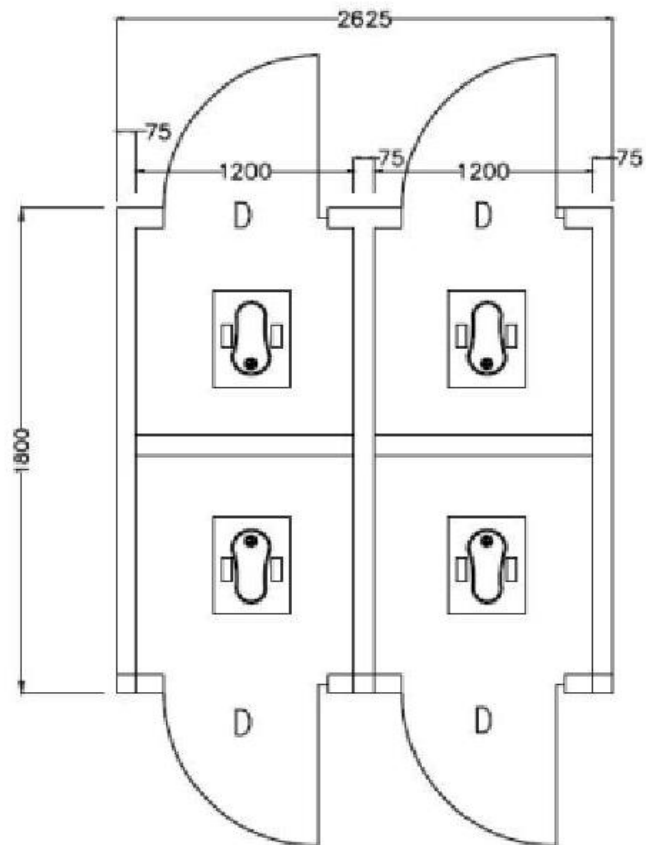
- a) If the Bidder withdraws its bid;
- b) If the Bidder withdraws its Proposal during the interval between the Proposal Due Date and expiration of the validity period of the bid;
- c) If the Selected Bidder fails to submit the DD in favour of RMC or fails to sign the Agreement within the stipulated time.
- d) If the Selected Bidder fails to meet any other pre-requisite for signing of Agreement as per the terms of this RFP.

**M. SCOPE OF WORK**

- The bidder shall install the modular toilets, bio-toilets at the designated site identified by RMC.
- The bidder shall install, operate and maintain the modular toilets, bio-toilets.
- The cabin shall be of pre-fabricated/pre engineering structures including civil, electrical, sanitary and waste management provisions as per requirements.
- The bidder shall certify the structural safety of the installation and barring force majeure, accidents, vandalism the bidder shall make good any structural faults in the installation, if any at the earliest.
- The bidder shall carry out the installation in a safe and responsible manner without any inconvenience or danger to the public.
- The cleaning operation should be done at fixed intervals as per minimum specific schedule prescribed thereof by RMC administration and in case of high patronization additional number of cleaning activity should be ensured.
- Cleaning materials will be supplied by the successful bidders

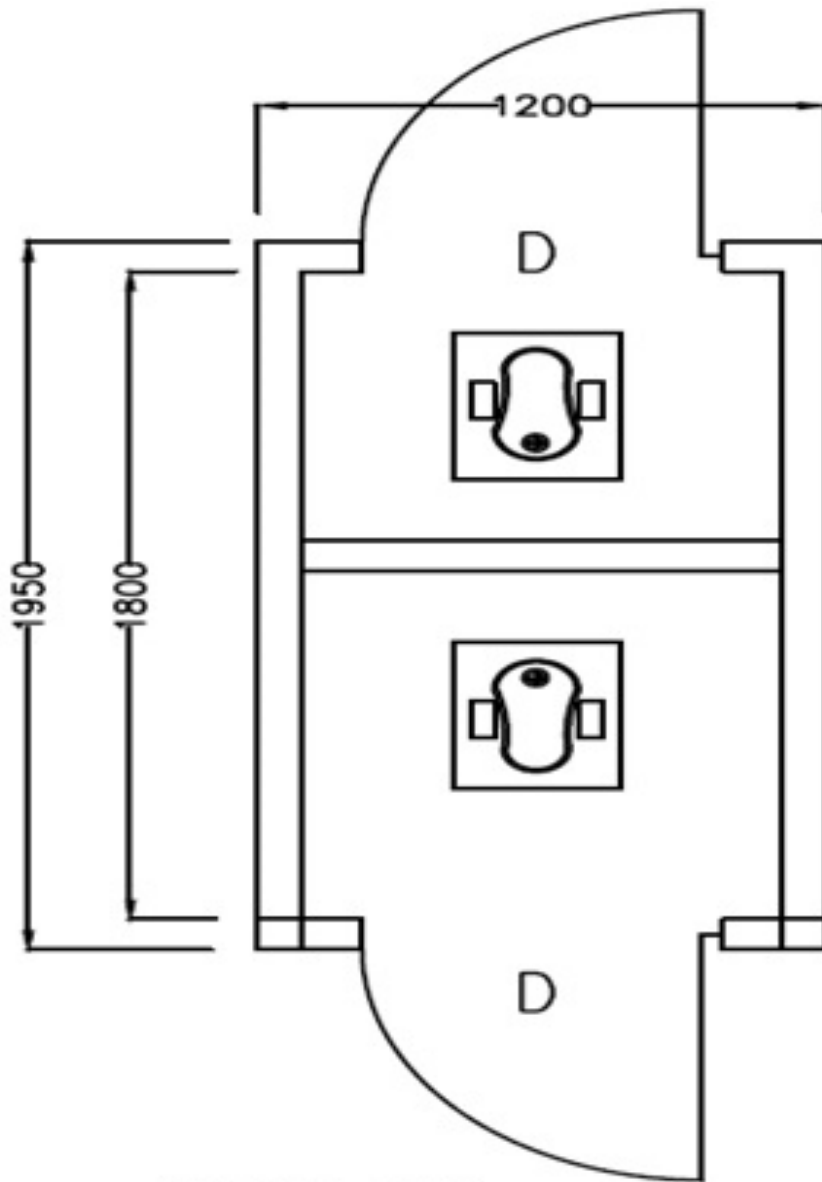
MODULAR TOILETS, BIO-TOILETS SPECIFICATION AND DESIGN

Four Compartment.



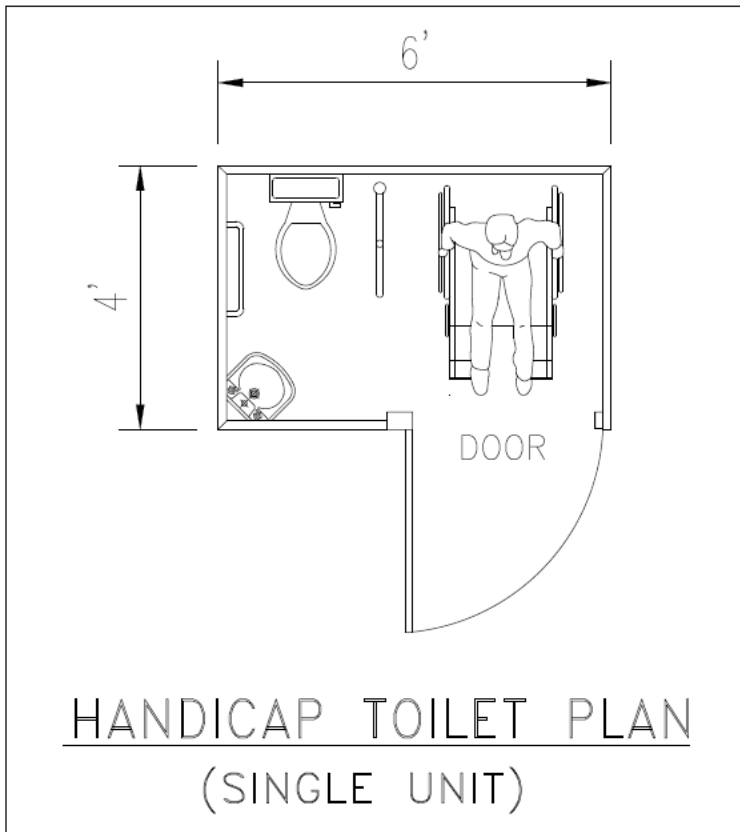
Modular Toilet





LAYOUT PLAN

Modular Toilet Two Compartments



## **Technical Specifications**

Pre-engineered structure of 0.6mm zero spangle skin (250 MPa strength) made of 120 GSM, powder coated, cold rolled sheet for wall and roof sandwich panel. EPS filled sandwich panel thickness 40mm & density 16 Kg per m<sup>3</sup>. Structure Corner Pillars made of 1.6 mm zero Spangle skin passed 120 GSM, powder coated, cold rolled sheet.

Maximum wind load capacity of structure 35 M/S. The bottom most panels used in inner wall made of Stainless Steel (grade 304) for the height of two feet.

Flooring : Ceramic tiles of any reputed brand of size 300 mm X 300 mm

Plumbing & Sanitary : Stainless steel/ceramic wash basin, water tap, IWC/EWC (as applicable), conventional urinal pot.

Electrical :Providing and fixing of internal electrical wiring and fittings with modular switch of any reputed brand with CFL .

Door :40mm Thick, made of 0.6mm GP Powder Coated steel.

Louver :Front & Back side Louver panel of 0.8mm GP Powder coated sheet.

Water Tank :Overhead water tank of capacity 200 Lts and frame & foundation made of tubular structure 25mm X 25mm X 2mm.

Toilet Structure ht :2180 mm (excluding foundation structure)

Waste management :Leech-Pit & Soak – Pit.

Foundation :Civil work for 200mm plinth height.

#### SPECIFICATION FOR DIFFERENTLY ABLED FRIENDLY MODULAR TOILET

Dimension : 6X4 feet

Height :2020 mm

SS inside bottom Panel : 125 mm

Sandwich panel (roof & wall) :40mm

Door size :962mm X 1790mm X 40mm

Waste management : Conventional

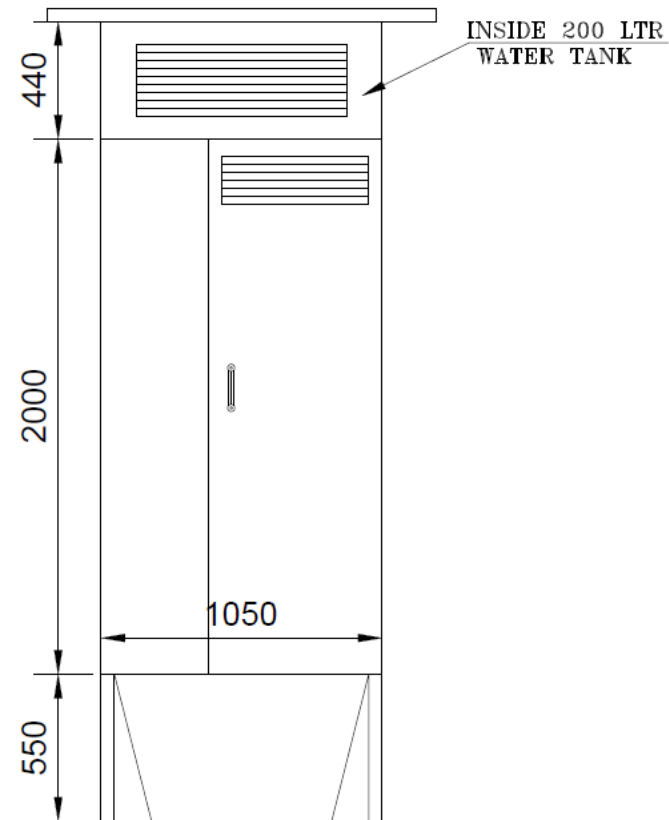
Concealed electrical & Plumbing:Provision given

Ventilation :Four side louvre panel

Height of the basin : adequate for disabled

Provision for water tank :available

Ramp : 5-7 feet with SS railing



BIO -TOILET

#### TECHNICAL SPECIFICATION

- 1) Front column – 3 pcs ( MS 30\*30\*1.2\*2000 mm)  
2 pcs ( MS 30\*30\*1.2 – 1950 mm)
- 2) Wall system – As per your requirement  
30 mm puff panel or High pressure Laminated panel
- 3) Base will be fitted with your tank by M-16 bolt.
- 4) Top angle – GI 1 mm. fitted with 8 mm bolt.
- 5) Floor – tank cover + 16 mm board + Al chequered plate 3 mm thickness.
- 6) From inside extra protection 1 ft. Al covering from inside.
- 7) Door size – as per your requirement.
- 8) Flashing – Aluminum sheet 0.5 mm thickness.
  - a) Door flashing.
  - b) Corner flashing.
  - c) Top flashing.
  - d) Inside corner flashing.

- 9) Al - C type puff panel casing.
- 10) Roof - As per your requirement puff panel.
- 11) Louver fitted at the back side 200 \* 600 mm.

For toilet with overhead water tank :

- 1) Column size front - 2500 mm  
Back - 2450 mm
- 2) Louver will be fitted at the front side.
- 3) 200 lt. water tank to be rectangular type.

Inside fixtures

- 1) Squat pan
- 2) Water cistern
- 3) FRP wash basin
- 4) Bib cock
- 5) Two way bib cock
- 6) Soap dispenser
- 7) Hooks
- 8) Bottle trap
- 9) Coupling
- 10) Extension nipples
- 11) Connecting pipes
- 12) Door lock , latches , handles and hindges

The dimensions mentioned above is illustrative. However it may change as per the requirement of the site, availability of the space & latest available technology.

## **N. PROPOSAL SUBMISSION**

Envelope 1: Technical Bid containing the following:

- a) Bid Processing Fee Demand Draft
- b) Earnest Money Deposit – Demand Draft
- c) Bidder Information including company profile
- d) Proof of Similar Experience
- e) Valid Licence, Certificates etc
- f) Proof of presence in Ranchi (if any)
- g) Audited balance sheet for past 3 years/Certificate from Auditor for revenue generation through Advertising.
- j) Copy of PAN Card & GST
- k) Undertaking – Not blacklisted by State Govt/ Central Govt/ ULBs.

Envelope 2: Financial Bid Envelope 2 should contain only the duly filled in Financial Bid of the Bidders. The financial bid should not be conditional.

## **O. SEALING AND MARKING OF PROPOSAL**

The Bidder shall seal each of the envelopes duly marking each envelope as “TECHNICAL BID” and “FINANCIAL BID” as the case may be.

The Bidder shall put the 2 (two) separate envelopes containing the Technical Bid and Financial Bid respectively in a single outer envelope and seal the outer envelope.

**FORMAT OF FINANCIAL PROPOSALS**

<b>Item No.</b>	<b>Item Name</b>	<b>Comprehensive Price inclusive Taxes &amp; Three Years O&amp;M (Per Unit Rate in INR)</b>
1	Two Seater Modular Toilets (M&F)	
2	Four Seater Modular Toilets (M&F)	
3	Two Seater Bio Toilets (M&F)	
4	Four Seater Bio Toilets (M&F)	

Note : Rate will be valid for one year.