

Notice of Invitation for Tender

1. The Brihanmumbai Mahanagarपालिका (BMC) is operating a sewage treatment plant with tertiary treatment at Colaba Wastewater Treatment Facility
2. In line with its stated objective to provide a healthier and improved environment for the citizens of Mumbai while minimizing the impact of wastewater on the natural environment achieved by improving the quality and reliability of the waste water collection, treatment and disposal infrastructure, BMC envisages to further improve the quality of the effluent from the existing treatment plant. The aim is to treat the effluent to achieve the potable water quality and reuse the same.
3. a) The Brihanmumbai Mahanagarपालिका invites e-Tenders in a three packet system (Packets A, B, & C) from Parties having requisite experience in the field, and financial and organisational competence for the design, construction, operation and maintenance **of 12 MLD Advanced Tertiary Treatment Plant (ATTP) on pilot basis for Recycle and Reuse of water for direct potable purposes at Colaba Wastewater Reuse Treatment Facility with O & M for 15 (Fifteen) years**, on lump sum basis and the same will be displayed on the Mahatenders portal.
4. In addition, design, construct, operate and maintain a 0.1 MLD capacity pilot / demonstration prototype plant replicating the proposed ATTP plant to demonstrate the actual working of the plant and collect the real life data. The prototype should be a movable type mounted on a container and taken to other places / plants if desired.
 - b) The Contract period for Design-Build is 27 (Twenty Seven) months inclusive Monsoon
5. Parties that can demonstrate suitable experience in the design, construction, operation and maintenance of similar types of works, having a financial background as specified below, are invited to tender for this work by submitting a completed Tender Submission. The detailed qualification criteria required to be met are set out in the Instructions to Tenderers. The qualification criteria are given below:

a) Financial Criteria-

Average annual construction turnover of the last 5 years shall not be less than INR - 150 Crore.

An escalation rate of 10% p.a. can be applied to annual turnover for past years to arrive at current year turnover value.

b) Technical Criteria-

- (i) Relevant experience for similar work involving treatment of wastewater for indirect or direct potable reuse in India or globally with proven performance
- a. At least one similar work with minimum value of 175 INR Crore and minimum 8 MLD capacity with Minimum of 2 year of continuous comprehensive O&M
OR
 - b. At least two similar works with minimum value of 115 INR Crore each and minimum 5 MLD capacity each with Minimum of 2 year of continuous comprehensive O&M
OR
 - c. At least three similar works with minimum value of 90 INR Crore each and minimum 4 MLD capacity each with Minimum of 2 year of continuous comprehensive O&M
- * Where 'Similar Work' means design, construction and commissioning of reuse sewage treatment plants for treating sewage upto Tertiary Treatment level for indirect or direct potable reuse utilizing Ultrafiltration membrane (UF) and Reverse Osmosis (RO) membrane technology in operational plant, commissioned after 2015.

6. Eligibility:.

- a) Joint Venture (JV) of maximum 2 firms will be allowed in this tender with Lead Partner satisfying the technical qualification criteria.

b) Wholly owned Indian subsidiaries of foreign agencies will be allowed to claim the technical and financial experience of their parent firm subject to the submission of the requisite documentary evidence with the bid in Packet 'B'

7. Bidders may obtain further information from the office of the Corporation at:

Office of the Deputy Chief Engineer (Water Supply Projects),
Consultancy Cell,
Brihanmumbai Municipal Corporation ,
Engineering Hub Building, 1st floor, Dr E Moses Road,

Worli Naka, Worli, Mumbai - 400 018 INDIA.

Telephone No.: Shri S S Deshpande AE (WSP)CC- +91 9225218035

Email: dychecc01@gmail.com

8. A soft copy of complete set of bidding documents (each set consists of Volumes I, IIA, IIB, and III may be purchased online by interested bidders upon payment of a non-refundable fee of Indian ₹ 10,400/-plus applicable GST. For purchasing the bidding documents, the bidders will have to get online enrolment for e-tendering process and obtain login credentials to participate in the online bidding process. The details of the same are available on portal(<https://mahatenders.gov.in>).
- b) For registration enrolment for digital signature certificates and user manual, please refer to respective links provided on (<https://mahatenders.gov.in>). Vendors can get digital signature from any one of the Certifying Authorities (CA) licensed by controller of certifying authorities namely Safecrypt, IDRBT, National Informatics Center, TCS,CUSTOMS,MTNL,GSFC and e-Mudhra CA.
- c) Blank Bidding documents shall be downloaded from portal (<https://mahatenders.gov.in>) from 16.09.2022 at 11.00 A.M. to 13.10.2022 upto 02:00 P.M. after payment of ₹ 10,400/-plus applicable GST by e-tendering process from approved banks under section "Payment of Tender Fees"
9. Bids must be accompanied by 90% of Bid Security of ₹2,07,00,000/- paid through online payment gateway of GOM on URL <https://mahatenders.gov.in> and the balance 10% of Bid Security ₹ 23,00,000 /- shall be paid by way of D.D. payable to BMC as part of packet A. Further original D.D. shall be submitted in the office of Ch.E. (WSP) after submission of bids & before the opening of packet A, failing to which bidder shall be considered non-responsive & 10% of Bid Security will be forfeited.
10. E-tenders shall be uploaded at stipulated date and time and Packet 'A' & 'B' of bids will be opened on the next working day at 16.30 PM. The Packet 'A' & 'B' shall contain all duly certified credential documents, filled up forms& schedules, undertakings and other information etc. required as stipulated in the tender as per e-tendering process and "Item data" shall contain duly online filled 'Pricing Schedules'.
11. Only the technical packets 'A' & 'B' will be opened on above mentioned portal in the office of The Deputy Chief Engineer (Water Supply Projects), (Consultancy

Cell) at address mentioned at Clause No.3above in the presence of bidder's authorised representatives who choose to attend. The price packet will be opened after technical evaluation, on a date intimated to bidders.

In the event of specified date of opening of bids being declared as holiday for the BMC, bids shall be opened on next working day. Bidders should note that timing of downloading/ submission/ opening of tender shall be considered as per <https://mahatenders.gov.in> web time only.

12. Bids shall remain valid for a period of 180 days after the deadline date for bid submission.
13. The BMC reserves the right to cancel the e-tenders before submission/opening of e-tenders, postpone the e-tenders submission/opening dates and to accept/reject any or all e-tenders without assigning any reason thereof.
14. The details are available on portal (<https://mahatenders.gov.in>).e-Tender
15. Payment in Indian Rupees only.
16. The dates and time for uploading e-Tender & opening of the e-Tender are as under:

Event	Date	Day	Time
The e-Tender sale will start from	16.09.2022	Friday	11.00Hrs
The last date of e-Tender fees	13.10.2022	Thursday	14.00 Hrs
Site Visit	23.09.2022	Friday	11.30 Hrs
The pre-tender meeting	27.09.2022	Tuesday	15.00 Hrs
Submission of e-Tender	13.10.2022	Thursday	14.00 Hrs
Submission of Physical Bid Security	14.10.2022	Friday	14.00Hrs
Packet 'A' Opening	14.10.2022	Friday	16.30Hrs
Packet 'B' Opening	14.10.2022	Friday	16.30 Hrs

If there are any changes in the dates the same will be displayed on the Mahatenders portal.

Sd/- 30.08.2022
Chief Engineer (WSP)