

**BRIHANMUMBAI MUNICIPAL CORPORATION**  
**(Sewerage Operation Department)**

**Subject :** Rehabilitation of Versova WWTF - Treatment of Sewage water by Bio-Remediation Technology.  
Tender ID-2025\_MCGM\_1191169\_1 due on 14.07.2025

**MINUTES OF PRE-BID MEETING HELD ON 01<sup>st</sup> JULY 2025 &  
REPLY TO THE QUERIES RECEIVED**

The pre-bid meeting for the subject work was held on 01.07.2025 at 11:00 AM under the chairmanship of Ch.E.(S.O.) in his chamber at 1<sup>st</sup> Floor, Engineering Hub Building, Dr. E'Mozes Marg, Worli, Mumbai – 400 018.

Following BMC Engineers were present.

- |                        |                       |
|------------------------|-----------------------|
| 1. Shri. S. S. Valanju | - Dy.Ch.E.(S.O.)E.S.  |
| 2. Shri. B. W. Bamble  | - Dy.Ch.E.(S.O.)W.S.  |
| 3. Shri. K. B. Patil   | - E.E.Mech.(Sew.)W.S. |
| 4. Shri. U. S. Doke    | - A.E.(S.O.)E.S.      |
| 5. Shri. D. W. Modak   | - A.E.(S.O.)E.S.      |

The prospective bidders/participants present at the meeting are listed in Attendance Sheet attached to these minutes

At the outset, Ch.E.(S.O.) welcomed the prospective bidders/participants to the pre-bid meeting and encouraged the participants to seek clarifications and ask questions, if any. All the queries of the bidders were responded and all the bidders were requested to submit their queries to the respective sections via email by the end of the day.

The queries received via emails and during the Pre-Bid meeting and via email to this section are as reproduced below.

**Subject :** Rehabilitation of Versova WWTF - Treatment of Sewage water by Bio-Remediation Technology.

Tender ID- 2025\_MCGM\_1191169\_1 due on 14.07.2025

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
1	Section 2	Clause No. A - Eligibility Criteria, 1.3	Similar Experience “Treatment of concentrated sewage in drains / concentrated sewage in Ponds / STPs in respect of reduction in BOD, COD, TSS and pH levels by Bioremediation Technology for continuous one year (12 months) inclusive of all seasonal conditions.”	We have a work completion certificate for Bio-remediation and Improvement of Water Bodies. Kindly consider this as relevant experience under the specified clause.	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
2	Section 10	Clause No. Sr. no. 11 Product Cerification, ii	<p>Product Cerification :</p> <p>ii. The bidders must have carried out the following tests recommended by IITR on the proposed microbial product:</p> <p>SN. Name of the Test / Toxicity Studies</p> <ol style="list-style-type: none"> <li>1. Fresh Water Algae and Cyanobacteria Growth Inhibition Test</li> <li>2. Fish Acute Toxicity Test</li> <li>3. Fish Embryo Acute Toxicity Test</li> <li>4. Daphnia Magna Reproduction Test</li> <li>5. Fish Early Life Stage Toxicity Test</li> </ol> <p>iii. The above said tests must be carried out from the Research Laboratories of Govt. of India or other Govt. approved Institutes like Indian Institute of Toxicology Research (IITR), Council of Scientific and Industrial Research (CSIR) etc. and the bidder shall upload all the reports in Packet 'B'.</p> <p>iv. If the bidder Fails to submit above mentioned reports/certificates/papers in Packet 'B', the offer of bidders will be treated non-responsive.</p>	<p>Product certification</p> <p>A) We Have product certification from National Toxicology Centre (NTC), Including:</p> <ol style="list-style-type: none"> <li>1. Alga, Growth Inhibition Test</li> <li>2. Acute Oral Toxicity Study in Mouse.</li> <li>3. Ecotoxicity Test after 72 Hours Exposure to Soil Microbes</li> <li>4. Daphnia SP., Acute Immobilisation Test and Reproduction Test</li> <li>5. Fish Short Term Reproduction</li> </ol> <p>B) We also have certification from USEPA for:</p> <ol style="list-style-type: none"> <li>1. The Short-term chronic toxicity to the water flea, Ceriodaphnia dubia.</li> </ol> <p>C) In addition, we have certification from National Research Centre Consulting Service for Virus Researches and Bioassays (NRC) Egypt</p> <ol style="list-style-type: none"> <li>1. Bacteriological Report</li> <li>2. Toxicity Report</li> <li>3. Identification of Microbial Isolates</li> <li>4. Survival Time Report</li> <li>5. Antimicrobial Report</li> <li>6. Contaminants Reduction Result in Wastewater</li> </ol> <p>Note: Kindly consider the above product certifications for compliance with the specified requirements.</p>	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
3	Section 11, Specifications	Clause B- Existing Site Details of Versova WWTF	Existing Site Details of Versova WWTF	....BMC should consider revising the BOQ estimations in the current tenders based on the actual flow consumption recorded during execution in the first call...	Tender Condition Prevails
4	Section 1 - E-Tender Notice & Section 2 - Eligibility Criteria	Clause B - Bid Capacity	"Contract period" in the table "01 years (Inclusive of all seasonal conditions.)"	At Page No.: 10, under the Bid capacity section, "N" has been defined as "Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year) For every intervening monsoon 0.33 shall be added to N." Kindly clarify whether the project is for including the monsoon period or excluding the monsoon period?	Contact period is including monsoon period
5	Section 14- List of Approved Banks	Page No.: 154 – 156,	List of approved banks (Table)	List of approved banks (Table) Axis Bank Limited, is not mentioned in the Approved list of Bank. Kindly amend.	Sufficient data and details are already provided, kindly refer Annexure-L of tender document
6	Section 2- Eligibility Criteria	Clause No. 1.2 Financial Capacity	"To ascertain this, tenderer(s) shall furnish / upload the financial statement (Audited Balance sheet) duly certified by Chartered Accountant."	In this regard, we would like to inform you that, audited balance sheet duly certified by Chartered Accountant for the year 2024-25 is under progress. We can submit a draft balance sheet for 2024-25 for your kind perusal. We would like to request you to kindly accept the same.	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
7	Section 11 Specifications	Clause F-Product Certification	The bidder must have carried out the following tests recommended by IITR on the proposed microbial product: 1. Fresh Water Algae and Cyanobacteria Growth Inhibition Test 2. Fish Acute Toxicity Test 3. Fish Embryo Acute Toxicity Test 4. Daphnia Magna Reproduction Test 5. Fish Early Life Stage Toxicity Test	We already have the test report of “Fish Acute Toxicity” from CSIR-IITR. We have also started remaining tests mentioned in the tender clause in “Indian Council of Agriculture Research (ICAR)”. The reports are yet to come. The ICAR has also issued one certificate to us declaring that the test process is on and so far no toxicity has been found in any of the category. We would like to request you to kindly consider the same and we will submit the complete test report as soon we will get it from ICAR (Expected till August 14, 2025)	Tender Condition Prevails
8	Section 11 Specifications	Clause E-Sub-Clause 13	“All the requisite arrangements, including water and electricity .....conditions of the tender.”	Considering the short project duration (1 year), we would like to request you to kindly provide us the electricity connection for the smooth execution of the project. As per our previous experience in taking electricity connection from the State Electricity Board, it is very time taking process and also may not be executed within the project time frame. Without electricity, the setting of Generator costs 10 times more than the regular electrical connection. Kindly consider this request and amend as per the requirement.	Tender Condition Prevails
9	Section 1 - E-Tender Notice	Header Data	Submission of Packet A, B & Packet C (Online) - “14.07.2025 up to 16:00 Hrs”	We would like to request you to kindly extend the bid submission deadline from 14.07.25 to 14.08.25. This additional time will enable us to prepare a more thorough and competitive proposal, incorporating all technical and financial aspects as per the tender requirements.	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
10	Section 9- General Conditions of Contract	Clause No. 83	JOINT VENTURE (Not Applicable)...	<p>In Maharashtra, according to the guidelines set forth by the CVC for tenders surpassing ₹10 crore, Joint Ventures (JVs) are typically permitted. In earlier bidding processes conducted by the department, a comparable category of work involving JVs was accepted. Why is this not the case this time?</p> <p>The reason is that the previous agencies are now the only eligible entities allowed to participate, and no other agency should qualify for the Bid apart from these.</p>	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
11	Section 2- Eligibility Criteria	Clause No. 1.3	Similar Experience“Treatment of concentrated sewage in drains / concentrated sewage in Ponds / STPs in respect of reduction in BOD, COD, TSS and pH levels by Bioremediation Technology for continuous one year (12 months) inclusive of all seasonal conditions.”	In the Previous tender called it was mentioned like:-“Similar work shall mean, the completed or ongoing works in respect of “Treatment of sewage in drains /Ponds in respect of reduction in BOD, COD, TSS and pH levels by Bioremediation Technology”.There was no clear condition of “continuous one year (12 months) inclusive of all seasonal conditions.”Why are these conditions now?As per the NMCG Guidelines, It is Clear mentioned that “ Bioremediation treatments are generally avoided during the monsoon season in National Mission for Clean Ganga (NMCG) guidelines due to the potential for increased runoff and dilution of pollutants, which can negatively impact the effectiveness of bioremediation processes. High water flow and volume during monsoons can wash away the bioremediation agents or disrupt the microbial activity necessary for pollutant breakdown.”The department is showing a preference for the prior three agencies, which have solely operated and possess experience certificates from MCGM in previous tenders.The Bioremediation Process is a treatment procedure lasting nine months within a year, with interventions occurring during the monsoon season. Therefore, the conditions should be reassessed if the department is not favouring its preferred agencies.	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
12	Section 2- Eligibility Criteria	Clause No. 1.3	Similar Experience “Treatment of concentrated sewage in drains / concentrated sewage in Ponds / STPs.	The treatment of sewage in Sewage Treatment Plants (STPs) is permitted in this area; however, the capacity is not specified. If it is equivalent to the bioremediation treatment in drains, then it should not be competitive. This is due to the significant expenses associated with the construction, operation, and maintenance of STPs with similar capacities. Therefore, this should be modified to allow for one completed project or one currently ongoing project of a similar nature with an aggregate capacity of no less than 10 MLD.	Tender Condition Prevails
13	-	-	-	Non-Governmental Organizations (NGOs) affiliated with the Central Government, which have successfully executed similar projects in the past, should be permitted to take part in the tender. And the issued certificate should be considered for the qualification criteria.	Tender Condition Prevails
14	Section 7- Scope of Work	Clause No. 5	Periodic testing of the sewage samples before and after treatment from BMC Dadar Laboratory or any other NABL accredited Laboratory approved by BMC.	This project is substantial and extremely sensitive; it is subject to monitoring, and payments are made solely based on reports from laboratories accredited by BMC Dadar Laboratory or any other NABL accredited Laboratory approved by BMC. These are private laboratories and are susceptible to fabrication. Why are there no mandatory government institutions involved, such as IITs or NITs, serving as a third-party monitoring agency?	Tender Specification is self-explanatory



Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
15	Section 7- Scope of Work	Clause No. 5	Periodic testing of the sewage samples before and after treatment from BMC Dadar Laboratory or any other NABL accredited Laboratory approved by BMC.	<p>Why is Faecal Coliform not considered a primary parameter here?</p> <p>Faecal coliform concentrations are utilized to evaluate the efficiency of wastewater treatment processes and to pinpoint sources of environmental contamination. The detection of these bacteria in water signifies a possible faecal contamination, indicating an increased risk of the presence of harmful pathogens.</p> <p>The National Green Tribunal (NGT) has intervened concerning elevated faecal coliform levels in the Ganga and Yamuna rivers, especially during the Maha Kumbh. A report from the Central Pollution Control Board (CPCB) disclosed concerning levels of faecal coliform bacteria, surpassing established standards by a considerable margin, raising alarms about public health and the risk of waterborne diseases.</p>	Tender Condition Prevails
16	Section 9- General Conditions of Contract	Clause No. 83	JOINT VENTURE (Not Applicable)...	In Past tenders, JVs were accepted. Why is this not the case this time? Please allow so other agencies can qualify for the Bid for more competitive.	Tender Condition Prevails
17	Section 2- Eligibility Criteria	Clause No. 1.3	Similar Experience "Treatment of concentrated sewage in drains / concentrated sewage in Ponds / STPs in respect of reduction in BOD, COD, TSS and pH levels by Bioremediation Technology for continuous one year (12 months) inclusive of all seasonal conditions."	The department has expressed a preference for the previous agencies, which have exclusively operated and hold experience certificates from MCGM in earlier tenders. The Bioremediation Process is a treatment method that spans nine months within a year, with interventions taking place during the monsoon season. Consequently, the conditions should be reevaluated if the department does not support its preferred agencies.	Tender Condition Prevails

Query No.	Bid Section No.	Bid Clause No.	Existing Clause	Queries	Remark
18	-	-	-	Non-Governmental Organizations (NGOs) affiliated with the Central Government, which have successfully executed similar projects in the past, should be permitted to take part in the tender. And the issued certificate should be considered for the qualification criteria.	Tender Condition Prevails
19	Section 7- Scope of Work	Clause No. 5	Periodic testing of the sewage samples before and after treatment from BMC Dadar Laboratory or any other NABL accredited Laboratory approved by BMC.	Government institutions, such as IITs or NITs, should appoint a third-party monitoring agency. In past project, payments are exclusively processed based on reports from laboratories accredited by BMC, including Dadar Laboratory or any other NABL-accredited laboratory sanctioned by BMC.	Tender Specification is self-explanatory
20	Section 7- Scope of Work	Clause No. 5	Periodic testing of the sewage samples before and after treatment from BMC Dadar Laboratory or any other NABL accredited Laboratory approved by BMC.	Faecal Coliform Should be considered here.	Tender Condition Prevails

The meeting was concluded with vote of thanks to the chair.

Sd/-  
U. S. Doke  
**A.E.Mech.(S.)E.S. – I**

Sd/-  
D. W. Modak  
**A.E.Mech.(S.)E.S. – II**

Sd/-  
K. B. Patil  
**E.E.Mech.(Sew.)W.S.**

Sd/-  
S. S. Valanju  
**Dy.Ch.E.(S.O.)E.S.**

Sd/-  
B. W. Bamble  
**Dy.Ch.E.(S.O.)W.S.**

Sd/-  
P. M. Desai  
**Ch.E.(S.O.)**