

BRIHANMUMBAI MUNICIPAL CORPORATION
(Sewerage Operation Department)

Subject : Rehabilitation of Malad WWTF - Treatment of Sewage water by Bio-Remediation Technology.
Tender ID-2024_MCGM_1084227_1 due on 03.10.2024

**MINUTES OF PRE-BID MEETING HELD ON 20th SEPT. 2024 &
REPLY TO THE QUERIES RECEIVED**

The pre-bid meeting for the subject work was held on 20.09.2024 at 11:00 AM under the chairmanship of Ch.E.(S.O.) in his chamber at 1st Floor, Engineering Hub Building, Dr. E' Mozes Marg, Worli, Mumbai – 400 018.

Following BMC Engineers were present.

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|--------------------------|----------------------|
| 1. Ms. P. D. Saraf | - Dy.Ch.E.(S.O.)W.S. |
| 2. Shri. S. S. Valanju | - Dy.Ch.E.(S.O.)E.S. |
| 3. Shri. K. B. Patil | - A.E.(WWTF)W.S. |
| 4. Shri. U. S. Doke | - A.E.(S.O.)E.S. |
| 5. Shri. D. W. Modak | - A.E.(S.O.)E.S. |
| 6. Shri. A. G. Choudhari | - S.E.(S.O.)E.S. |
| 7. Shri. G. P. Bandre | - S.E.(S.O.)E.S. |
| 8. Shri. S. M. Khetmal | - S.E.(Malad WWTF) |

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.

The queries received via emails and during the Pre-Bid meeting are reproduced below.

Malad WWTF

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|---|---|---|--|---|
| 1. | A) Eligibility Criteria: 1.For Regular, Routine and Maintenance works: 1.1.Technical Capacity : | (i) The tenderer shall be the Manufacturer of the microbial products they intend to offer for the subject work. AND (ii)The tenderer in their own name should have satisfactorily executed the work of similar nature ... | Being specialised work as well allowed in previous specialised tenders too, kindly allow Authorized representative having MoU with Indian/Foreign manufacturer wherein Bidder (Auth representative)or Manufacturer should have executed the work of similar nature. In line with previous tenders for Bandra and Worli and others works, we respectfully request that the authority allow an authorized representative, who holds a valid Memorandum of Understanding (MoU) with an Indian or Foreign manufacturer, to qualify for this tender. We seek your kind consideration to permit the bidder (authorized representative) or the manufacturer to demonstrate the required experience in executing similar works of a specialized nature. This would ensure alignment with past precedents and maintain fair competition for | M/s. Accord Watertech & Infrastructure Pvt. Ltd. | Tender Condition prevails. Refer corrigendum I |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|--|---|--|
| | | | qualified representatives and manufacturers." | | |
| 2. | Section 11 Specifications: B1 & D. Scope of Work: Sr. No. 1 | 1. Determination of baseline values of inlet sewage parameter. | Baseline Data: Are there any historical data on the inlet sewage parameters that can be shared before the commencement of the work? If not, what is the expected timeline to determine the baseline values. | M/s Accord Watertech & Infrastructure Pvt. Ltd. | Tender specification is self-explanatory. |
| 3. | Section 11 Specifications: K. Testing | Sr. No. 1 to 5 | Testing Frequency: How often will the sewage samples be tested before and after treatment? Is there a predefined schedule? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 4. | Section 11 Specifications: K. Testing | Sr. No. 4 | Accredited Labs: Can we select from the institutions like IIT, VJTI, NEERI, or NABL-accredited labs, or will BMC assign the testing institutions? | M/s Accord Watertech & Infrastructure Pvt Ltd. | Tender specification is self-explanatory. |
| 5. | Section 11 Specifications: C. Desired Outflow Parameters And J. Timeline for Achieving Desired Results | Entire Clause | Acceptance of Testing Reports: What are the acceptance criteria for the test reports submitted by these institutions? Will the client verify them independently? Is there any TPI in place for verification of testing? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|----------------------------|--|---|--|
| 6. | Section 11 Specifications: C. Desired Outflow Parameters, J. Timeline for Achieving Desired Results And O. Penalty | Entire Clause | Effluent Quality Targets: There are already predefined outflow parameters (BOD, COD, TSS, and pH), is there any flexibility if technology constraints or external conditions affect the outcomes? Since there could be several possible scenarios and several varying outcomes? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 7. | Section 10 Special Instructions to Bidders - Sr. No. 11 AND Section 11 Specifications: E. Technical Specifications F. Eco-Toxicity Certificate And H. Declarations to be provided | Entire Clause | Microbial Product Supply: Is there any requirement to provide samples of microbial products or bio-culture for prior approval before deployment? If so, what is the approval process? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender Condition is self-explanatory. |
| 8. | Section 11 Specifications: A. Objective B. Existing Site Details | Entire Clause | Existing Infrastructure: Is there any existing electromechanical infrastructure at the site that can be leveraged for microbial dosing, or is the contractor required to | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|---|---|---|---|--|
| | D. Scope of Work E. Technical Specifications | | install the entire infrastructure? | | |
| 9. | Section 11 Specifications: A. Objective B. Existing Site Details D. Scope of Work E. Technical Specifications | Entire Clause | Is there any set distance after which the product infrastructure needs to be repeated or it is at contractors discretion? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 10. | Section 11 Specifications: D. Scope of Work | | Online Monitoring System: What are the specifications for the state-of-the-art online monitoring system to be installed at the outlet of the WWTF? Will BMC provide the required equipment for this system, or is the contractor responsible? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 11. | Section 11 Specifications: D. Scope of Work N. Payment Term: Sr. No. 2 : Phase B | The bills shall be accompanied with the laboratory test reports | Data Transmission: What will be the method for transmitting real-time monitoring data to BMC or other authorities? Are there any security or encryption requirements for the data? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 12. | Section 9: General | Not applicable | Escalation and Adjustments: Will there be any price escalation | M/s Accord Watertech & | Tender condition is self-explanatory. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|---|----------------------------|--|--|--|
| | Conditions of Contract: Clause 79: Price Variation | | clauses for materials, manpower, or equipment costs over the two-year contract period? | Infrastructure Pvt Ltd | |
| 13. | Section 11 Specifications: E. Technical Specifications F. Eco-Toxicity Certificate And H. Declarations to be provided | Entire Clause | Permits and Approvals: What regulatory approvals (if any) need to be obtained by the contractor, particularly related to environmental and safety standards? Will the BMC assist in obtaining these permits? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 14. | Section 11 Specifications: O. Penalty | Entire Clause | NGT Norm Compliance: What are the consequences if the treated sewage fails to meet the specified NGT norms during any periodic testing? Will there be an opportunity for corrective measures? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 15. | Section 10 Special Instructions to Bidders And Section 11 Specifications: E. Technical Specifications | Entire Clause | Site Visit: Is a site visit scheduled as part of the pre-bid process to better understand the conditions at the WWTF? Will contractors have unrestricted access to the site during the project? | M/s Accord Watertech & Infrastructure Pvt. Ltd | Tender specification is self-explanatory. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|--|---|--|
| 16. | Section 10 Special Instructions to Bidders | Entire Clause | Operating WWTF: Since this is a rehabilitation project, will the said WWTF remain operational during the implementation of the bioremediation treatment, or will there be downtime? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 17. | Section 11 Specifications: O. Penalty | Entire Clause | Non-Compliance Penalties: What are the penalties for not meeting the prescribed effluent discharge parameters or other contractually agreed outcomes? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 18. | Section 11 Specifications: N.Payment Term | Entire Clause | Incentives for Early Completion: Are there any incentives for early completion or overachievement of the desired effluent quality parameters? | M/s Accord Watertech & Infrastructure Pvt Ltd | Tender specification is self-explanatory. |
| 19. | Section 2: Eligibility Criteria A) Eligibility Criteria 1.1 Technical Capacity OngoingWorks | In case of ongoing works to be considered, the bidder must have received the payment bills of 50% of the contract sum for the work / works executed last day of the month previous to the one in which bids are invited. | Why MCGM is not following its own guidelines for preparing the tender documents. Why there is a deviation from the SBD. Since this project bid not being floated for the first time, why there is a condition of 50% payment received of ongoing work. In recent time MCGM has floated a tender for the first time i.e., Rehabilitation of Love Grove WWTF, Worli and Bandra WWTF - | M/s. Aquachem Enviro Engineers Pvt. Ltd. | Tender condition prevails. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|---|--|--|-----------------------------------|
| | | | <p>Treatment of Sewage Water by Bioremediation Technology. (Ref: 2024_MCGM_1074598_1) ,on page number 10," In case of ongoing works to be considered, the bidder must have received the payment bills of 80% of the contract sum for the work / works executed last day of the month previous to the one in which bids are invited."</p> <p>Please remove consideration of ongoing work norm from the released tender document and ask only 100% completed works only.</p> | | |
| 20. | <p>Section 2: Eligibility Criteria A) Eligibility Criteria 1.2 Financial Capacity Turnover</p> | <p>Achieved an average annual financial turnover as certified by 'Chartered Accountant' equal to Rs.17.64 Cr. in last three (3) financial years immediately preceding the financial year in which bids are invited.</p> | <p>Since MCGM has already asked the 3,09,00,800/- turnover in the old [(Bid No: 7200032417) Bid published on 07.06.2022 and its CORRIGENDUM & ADDENDUM – IV] tender then it is our humble request pls consider it again for the same tender.</p> <p>When we compare the current tender to the prior one, the flow required in the technical qualification criterion has been reduced (From i.e., as per OLD tender technical criteria of Bid No:</p> | M/s. Aquachem Enviro Engineers Pvt. Ltd. | Tender condition prevails. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|--|--|---|
| | | | 7200032417, Three work of 60 MLD, Two work of 80 MLD and one work of 115 MLD, To and as per new tender of Tender ID: 2024_MCGM_1084227_1, Three work of 40 MLD, Two work of 50 MLD and one work of 80 MLD) while the financial requirements have increased (which you can see in the adjacent columns), which does not explain the qualifying parameters under which MCGM is releasing these bids. | | |
| 21. | Section 15: Appendix and Proforma VIII | In the current tender MCGM has asked for Proforma VIII - Memorandum of Understanding between Manufacturer & Authorised Representative. | According to tender condition, the bidder must be a manufacturer or an authorised dealer to participate in the said tender. If the bidder is not a manufacturer but an authorised dealer, then manufacturer's experience shall be considered for the bidder. i.e., we humbly ask that the experience certificate from the authorized dealer's manufacturer be also taken into consideration. | M/s. Aquachem Enviro Engineers Pvt. Ltd. | Tender condition prevails. Refer corrigendum I |
| 22. | Section 2: A) Eligibility Criteria- 1.3 Similar Experience | Similar Experience: For assessing the technical capacity; Similar work shall mean, the completed or ongoing works in respect | Similar Experience: For assessing the technical capacity; Similar work shall mean, the completed or ongoing works in respect of "Treatment of concentrated | M/s. Aquachem Enviro Engineers Pvt. Ltd. | Tender condition prevails. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|---|--|--|--|---|
| | | of “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. | sewage in river/ sewer network/ canal 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. | | |
| 23. | Section 1: E-Tender Notice EMD GST | EMD and Estimated Cost are inclusive of GST i.e. why turnover value i.e. calculated on the inclusive cost of GST | GST should not be taken into account for assessing any financial condition, such as turnover, EMD, or solvency | M/s. Aquachem Enviro Engineers Pvt. Ltd. | Tender condition prevails. |
| 24. | Section 2- A) Eligibility Criteria: Clause 1.1 (i) and (ii) | (i) The tenderer shall be the Manufacturer of the microbial products they intend to offer for the subject work. AND (ii) The tenderer in their own name should have satisfactorily executed the work of similar nature.. | The tenderer shall be the authorized dealer / service provider of the manufacturer of microbial products they intend to offer for the subject work. AND The tenderer shall submit the MOU between the manufacturer and the authorized dealer / service provider. The manufacturer’s experience of satisfactory execution of similar nature work shall be considered. | M/s Bharat Construction | Tender condition prevails. Refer corrigendum I |
| 25. | Section 6: Instructions to | Asked to Submit Attested Scanned copy of the valid | Kindly Clarify | M/s. Bioxgreen Technology Pvt. Ltd. | Tender condition is self-explanatory. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|---|--|---|
| | Applicants: Part B, Note 1, Page 34 | registration certificate in Electrical category shall be uploaded with the tender along with the undertaking from registered Electrical Contractor stating his willing to carry out the tender work. | | | |
| 26. | Section 1: E-Tender Notice EMD | The Bidders will have to provide Earnest Money Deposit through the payment gateways while submitting the bids. The Bid shall be summarily rejected if it is not accompanied by the Earnest Money Deposit. The e-tender is available on Brihanmumbai Municipal Corporation portal (http://portal.mcgm.gov.in) | We request to provide Bank details of MCGM for payment of EMD through RTGS/NEFT as an additional option as we have faced difficulty in the portal link earlier. | M/s. Bioxgreen Technology Pvt. Ltd. | Tender condition prevails. |
| 27. | Section 2, Eligibility Criteria, Clause 1.1 (i) & (ii) | The tenderer shall be the manufacturer of the microbial products they intend to offer for the subject work. AND The tenderer in their own name should have satisfactorily executed the work of similar nature... | Kindly amend the clause to: The tenderer shall be the authorized representative of the manufacturer of the microbial products they intend to offer for the subject work. AND The tenderer can claim the qualification by doing a technical | M/s. Gypsum Structural India Pvt. Ltd. | Tender condition prevails. Refer corrigendum I |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|---|--|-----------------------------------|
| | | | tie up in form of MOU with the technology provider who has the said qualifications. | | |
| 28. | Section 2, Eligibility Criteria, Clause 1.1 (ii) | In case of ongoing works to be considered, the bidder must have received the payment bills of 50% of the contract sum for the work / works executed last day of the month previous to the one in which bids are invited. | Kindly amend the clause to: In case of ongoing works to be considered, the bidder must have received the payment bills of 80% of the contract sum for the work / works executed last day of the month previous to the one in which bids are invited. | M/s. Gypsum Structural India Pvt. Ltd. | Tender condition prevails. |
| 29. | Section 2: 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." | Kindly allow for experience of having done bioremediation in river for 12 months | M/s. Gypsum Structural India Pvt. Ltd. | Tender condition prevails. |
| 30. | Section 7: Scope of work Sr. No. 3 | Supply of microbial product/bio-culture, allied material, dosing system and deployment of required manpower, etc. | Kindly allow for use of foreign culture. | M/s. Gypsum Structural India Pvt. Ltd. | Tender condition prevails. |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|--|--|---|--|
| 31. | Section 2: A) Eligibility Criteria- 1.3 Similar Experience | For assessing the technical capacity; Similar work shall mean, the completed or on-going works in respect of "Treatment of concentrated sewage in drains / of concentrated sewage in Ponds / STPs in respect of reduction in BOD, COD, TSS and of pH levels by Bioremediation Technology for continuous one year (12 months) inclusive The of all seasonal conditions. | For assessing the technical capacity; Similar work shall mean, the completed or on-going works in respect of "Treatment of concentrated sewage in river and canal work only, 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. | M/s. Sophisticated Industrial Materials Analytic Labs Pvt. Ltd. | Tender condition prevails |
| 32. | Section 15: Appendix and Proforma VIII | In the current tender MCGM has asked for proforma VIII | According to tender condition, the bidder must be a manufacturer or an authorised dealer to participate in the said tender. If the bidder is not a manufacturer but an authorised dealer, then manufacturer's experience shall be considered for the bidder. It is a kind request from us that the experience certificate from the authorized dealer's manufacturer be also taken into consideration. | M/s. Sophisticated Industrial Materials Analytic Labs Pvt. Ltd. | Tender condition prevails Refer corrigendum I |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|---|---|--|---|----------------------------------|
| 33. | Section 2: Eligibility Criteria B) Eligibility Criteria 1.3 Financial Capacity Turnover | Achieved an average annual financial turnover as certified by 'Chartered Accountant' equal to Rs.17.64 Cr. In last three (3) financial years immediately preceding the financial year in which bids are invited. Tender ID: 2024_MCGM_1084227_1 | Kindly consider the turnover condition from prior tender (Bid No: 7200032417) Bid published on 07.06.2022 and its CORRIGENDUM & ADDENDUM IV Which was released and executed or currently under execution. In order to allow fair competition If not, it omits to specify the qualifying conditions that MCGM is using to announce the tender. | M/s. Sophisticated Industrial Materials Analytic Labs Pvt. Ltd. | Tender condition prevails |
| 34. | Section 6: Instructions to Applicants - Important Directions Page No. 48 | 4. Notwithstanding Joint Venture is not allowed in the instance tender. | Kindly Allow Joint Venture | M/s. Sophisticated Industrial Materials Analytic Labs Pvt. Ltd. | Tender condition prevails |
| 35. | Section 2: Eligibility Criteria C) Eligibility Criteria 1.4 Financial Capacity Turnover | Achieved an average annual financial turnover as certified by 'Chartered Accountant' equal to Rs.17.64 Cr. In last three (3) financial years immediately preceding the financial year in which bids are invited. | Kindly consider the turnover condition from prior tender (Bid No: 7200032417) Bid published on 07.06.2022 and its CORRIGENDUM & ADDENDUM - IV Which was released and executed or currently under execution. In order to allow fair competition. If not, it omits to specify the qualifying conditions that MCGM is using to announce the tender. | M/s Vertex Engineers Pvt. Ltd. | Tender condition prevails |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--|---|--|--------------------------------|--|
| 36. | Section 15: Appendix and Proforma - Proforma VIII | In the current tender MCGM has asked for Proforma VIII - Memorandum of Understanding between Manufacturer & Authorised Representative. | According to tender condition, the bidder must be a manufacturer or an authorised dealer to participate in the said tender. If the bidder is not a manufacturer but an authorised dealer, then manufacturer's experience shall be considered for the bidder. i.e., we humbly ask that the experience certificate from the authorized dealer's manufacturer be also taken into consideration. | M/s Vertex Engineers Pvt. Ltd. | Tender condition prevails Refer corrigendum I |
| 37. | Section 2: A) Eligibility Criteria- 1.3 Similar Experience | Similar Experience: For assessing the technical capacity; Similar work shall mean, the completed or ongoing works in respect of "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. | Similar Experience: For assessing the technical capacity; Similar work shall mean, the completed or ongoing works in respect of "Treatment of concentrated sewage in river/ sewer network/ canal 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 | M/s Vertex Engineers Pvt. Ltd. | Tender condition prevails |

| Sr. No. | Tender Clause reference | Provision in Tender Clause | Query Raised | Name of the Bidder | Response |
|---------|--------------------------------|--|---|--------------------------------|----------------------------------|
| 38. | Section 1: E-Tender Notice EMD | EMD and Estimated Cost are inclusive of GST i.e. why turnover value i.e. calculated on the inclusive cost of GST | GST should not be taken into account for assessing any financial condition, such as turnover, EMD, or solvency. | M/s Vertex Engineers Pvt. Ltd. | 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
AE (WWTF) W.S.

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

Sd/-
P. D. Saraf
Dy.Ch.E.(S.O.) W.S.

Sd/-
P. S. Gavali
Ch.E.(S.O.)