

MINUTES OF TENDER COMMITTEE MEETING OF PRE-BID

Tender ID: 2021_MPCB_747747_1

**Supply, Installation, Commissioning and Operation & Maintenance Services
Of Mobile Continuous Automated Air Quality Monitoring Station for Calibration of
Sensors and Ozone Monitoring for Maharashtra Pollution Control Board**

Date & Time: 24th December 2021 at 1100 Hrs.

Venue: Online meeting through Microsoft Teams.

Committee Members:

MPCB :	JD (APC), SROHQ, CAO, LO, MPC Board, Mumbai
CPCB :	Mr. S K Sharma, Scientist D, CPCB, Delhi
MAHAGENCO:	Mr Vivek P. Ghodmare, Superintending Chemist, Mahagenco
NEERI:	ER. (MRS) Padma S. Rao, Sr.Principal Scientist, APC Division, NEERI, Nagpur

Agenda: Pre-bid meeting for the e-tender: "Supply, Installation, Commissioning and Operation & Maintenance Services of Mobile Continuous Automated Air Quality Monitoring Station for Calibration of Sensors and Ozone Monitoring for Maharashtra Pollution Control Board (Tender reference no: MPCB/JD(APC)/Mobile Calibration Van/2021-22, Tender ID: 2021_MPCB_747747_1)

The pre-bid meeting was held online through VC to resolve the queries raised by the different bidders, following bidder were present in the pre-bid meeting:

1. M/S Acoem Ecotech Industries Pvt. Ltd.
2. M/S Chemtrols Industries Private Limited
3. M/s. Envea India Pvt. Ltd.
4. M/S Analyser Instrument Co. Pvt. Ltd.

The Committee clarified the queries received in writing / raised by the bidders and same are recorded. The Queries raised by above bidder with tender committee remarks are placed at ***Annexure – I.***

The committee has also decided that, pre-bid minutes of the meeting should be treated as part of the Tender Conditions of e-tender and shall be binding to both, MPCB and Bidders.

The committee has also decided that, the queries received after the deadline as per the tender condition / and after pre-BID meeting, shall not be considered for reply & e-tender bidding.

The meeting ended with vote of thanks to the chair.

Annexure – I

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
1		6.1	<p>CRITERIA FOR MINIMUM ELIGIBILITY AND BID RESPONSIVENESS: The bidder should be a manufacturer, or an authorized agent must have supplied, manufactured, installed, commissioned minimum One (01) nos. of mobile ambient air quality monitoring station in their existing tenure and must have commissioned minimum Five (05) nos. of CAAQMSs with 05 parameters in the last five years and should be in satisfactory operation.</p>	<p>Please consider revised as follows: The bidder should be a manufacturer, or an authorized agent must have supplied, manufactured, installed, commissioned minimum One (01) nos. of mobile ambient air quality monitoring station in their existing tenure and must have commissioned minimum Five (05) nos. of CAAQMSs with 05 parameters in the last five years and should be in satisfactory operation.</p>	<p>No Change in Tender Conditions</p>
2		3.7	<p>PROJECT COMPLETION SCHEDULE: The successful bidder is required to complete the supply, installation, commissioning and testing of the equipment's at MPCB designated locations within FOUR (4) months of receipt of the LoA.</p>	<p>Please consider revised as follows: The successful bidder is required to complete the supply, installation, commissioning and testing of the equipment's at MPCB designated locations within Six (6) months of receipt of the LoA.</p>	<p>No Change in Tender Conditions</p>

Signature
21/11/2018

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
3		8	<p>PAYMENT TERMS: (b) For Bids in Indian Rupees: (i) 80% percent payment shall be made against delivery, installation, commissioning and on acceptance as per Purchase Order at site.</p>	<p>Please consider revised as follows: (i) 80% percent payment shall be made against delivery as per Purchase Order at site.</p>	<p>No Change in Tender Conditions</p>
4		9	<p>LIQUIDITY DAMAGES AND PENALTY: 1) Delivery of equipment: For any delay in delivery beyond THREE (3) months from the date LoA / Work Order, MPCB reserves the right to charge an LD (Liquidated Damages) at the rate of 2% of the total order value for the delay of every week or part thereof, subject to a maximum of 10% of the total supply contract value. Beyond which, without any prejudice MPCB may cancel the order in part or full. On such cancellation of the order, Implementation/ performance Security will be liable for forfeiture.</p>	<p>Please consider revised as follows: 1) Delivery of equipment: For any delay in delivery beyond Five (5) months from the date LoA / Work Order, MPCB reserves the right to charge an LD (Liquidated Damages) at the rate of 0.5% of the total order value for the delay of every week or part thereof, subject to a maximum of 10% of the total supply contract value. Beyond which, without any prejudice MPCB may cancel the order in part or full. On such cancellation of the order, in addition to any other remedy available under the Work Order the EMD, Implementation/ performance Security will be liable for forfeiture.</p>	<p>No Change in Tender Conditions</p>


 26/11/2024

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
5			MULTI POINT GAS CALIBRATION SYSTEM: (vi) Calibration using permeation tubes for which at least two chambers based Permeation system has to be provided.	Please consider revised as follows: As per CPCB guidelines, now permeation tubes is not required. Calibration is done by calibration cylinder.	NO CHANGE: Specifications remain unchanged
6			(vii) The Permeation System should be capable to accept permeation tubes up to 6 cm in length and 2cm in diameter with user selectable temperature setting of 40 OC and 50 OC.	Please consider revised as follows: As per CPCB guidelines, now permeation tubes is not required. Calibration is done by calibration cylinder.	NO CHANGE: Specifications remain unchanged
7	7	3.2.1.5	The successful bidder would bear the insurance, repairs and maintenance of the vehicles during the O&M period. However, MPCB will bear the cost of fuel and oil, as per requirement.	We understand that the fuel required for the movement of Mobile van will be provided by MPCB. Is the fuel/oil required for 5 KVA DG Set is also provided? Please confirm. Also what if 5KVA capacity is not sufficient?	Fuel for DG set required to run during power outages will be provided by MPCB against logbook records. MPCB's requirement is to ensure continued operations even in case of power outage in a/c environment. 5KVA specification is a minimum suggested rating. If the bidder feels that DG set with higher and better rating / specifications may be required, the bidder may quote the same. No extra weightage will be given.

Signature
21/11/2019

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
8	7	3.2.1.9 & 3.2.1.10	<p>O & M of CAAQMS Analysers and Mobile Vehicle: Operation & Maintenance of Automated Air Quality Monitoring Systems along with Mobile Vehicle for a period of five (5) years from the date of commissioning of the station, which can be extended up to three (3) years at the mutually agreed rates and terms & conditions.</p> <p>Warranty support services for Automated Air Quality Monitoring Systems for a period of ONE (1) year from the date of commissioning and FIVE (5) years of comprehensive AMC after completion of warranty period.</p>	<p>We understand that the tender scope is for supply of Vans & then for its O&M for 5 Years from the date of commissioning. But in point No. 10 the CAMC is asked for the 5 years, after the completion of warranty period. Please confirm, whether bidder have to provide O&M services or CAMC services? We understand that the bidder will have to insure, maintain and repair all the vehicles during O & M period of 5 years, including driver's salary and other remuneration.</p>	<p>Both O&M Services and CAMC services to be provided</p>
9	7	3.2.1.11	<p>Data & Report of data pertaining to MCAAQMV to MPCB</p>	<p>We understand that the Data generated by these vans will be submitted to MPCB as per their format and also will be transferred to MPCB server using online transfer. Kindly confirm that this data transfer needs to be done on existing data server & data collection software, at MPCB or the bidder have to supply server & its software, with this van supply?</p>	<p>Server will be provided by MPCB Software responsibility will be that of the successful bidder.</p>


24/12/2017

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
10	9	3.5	PROVISION OF TRAINING: The contractor shall provide the training of minimum two weeks to at least 3 (the number will be mutually decided between MPCB and Successful Bidder) staff members of the board, at each of the location of the deployment of CAAQMS.	As we understand that all these 7 Nos. of Vans need to supply at Head office Mumbai, so the training will be done at Mumbai head office only, in one batch. Kindly confirm.	Initial deliveries to be made at HO, however, locations of VANS may be changed in future. Training has to be provided at HO
11	22	6.4.1	Evaluation of Technical Bid Organisation Certification ISO 9001; ISO 14001	Any points will be given to the bidder who have ISO17025:2015 certification for their facility. By this certification facility, those service providers may provide a better quality of services in terms of calibration. Kindly confirm.	NO CHANGE.
12	47 & 50	Annexure 2 Technical Specification	A distance of around 1.5 meter should be maintained between two sampling heads of PM2.5 and PM10samplers.	As per the suggested drawing at Page 50, the distance between both inlets is not 1.5 meter. Therefore kindly confirm that the bidder should have to follow the drawing given at Page No. 50.	The drawing is for illustrative purposes only and NOT TO SCALE. The required distance of 1.5 mtr has to be maintained as specified in the RFP
13	48	Annexure 2 Technical Specification	(i) Multipoint calibration using automatic dilution system for the calibration of SO2, NO, CO, NH3 and BTEX analyser.	The multipoint calibration system is needed for this Ozone analyser only, So there will be no need of such dilution system for SO2, NO, CO, NH3 & BTEX analyser.	NO CHANGE: Specifications remain unchanged
14	48	Annexure 2 Technical Specification	(v) Gas Phase Titration (GPT) with O3 generator having 100% converter efficiency for conversion of NO to NO2.	GPT system is required to check the converter efficiency for conversion of NO to NO2, in NOx analyser. So there will be no need of GPT system in the Calibration system. Please confirm.	NO CHANGE: GPT should be provided as specified in RFP.
15	48	Annexure 2 Technical Specification	(vi) Calibration using permeation tubes for which at least two chambers based	The specified permeation tube in the tender under the mentioned clauses of calibration facility is not applicable for Ozone analyzer's	NO CHANGE: Specifications remain unchanged

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21/11/2017

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
16	48	Annexure 2 Technical Specification	Permeation system has to be provided. (vii) The Permeation System should be capable to accept permeation tubes up to 6 cm in length and 2cm in diameter with user selectable temperature setting of 40°C and 50°C. Presentations by the Bidders	calibration. The Ozone analyzer will be calibrated by Ozone generator. So it is our request to exclude this clause from the Tender document.	NO CHANGE. Specifications remain unchanged
17	22	6.4.1		Thanks for detailed explanation & table for the marks for Technical evaluation. Kindly also define the marking system for the Presentation on Execution & Support.	The Framework for evaluation of the presentation by the bidders is as follows 1. Understanding of the Scope of Work: Max Marks 3 2. Challenges envisaged / Identified for execution and their mitigation strategies: Max Marks 3 3. Proposed O&M methodology and resource deployment: Max Marks 5 4. Proposed CAMC methodology: Max Marks 4 5. Proposed reporting and Project Handover: Max Marks 3 6. Value Additions / differentiators that will benefit MPCB: Max Marks 2 Bidders are advised to make Powerpoint slides pertaining to ONLY the points mentioned above. Time for each presentation: 20 mins. The presentations dates will be announced later


24/11/2019

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18			Price Bid Format	Please clarify if we can submit the quotation in split currency. As per the price bid format, we under only one single currency can be used for submitting the quotation, either Indian Rupees / any Foreign currency.	Bidders can give prices in split currency
19			Price Bid Format	Price bid format for O&M for vehicle as well as for the analyzers is not provided in the tender specifications.	The Price Bid format asks for O&M price as well. A combined price for CAMC and O&M is asked for.
20		Annexure 5	EMD Amount & Mode of Payment: ₹ 10,00,000.00 (Rupees Ten Lakhs Only) through Online Payment Modes i.e. Net Banking, Debit Card, Credit Card and NEFT/RTGS during Bid Preparation Stage.	Please confirm, if EMD in form of BG is accepted.	EMD will be accepted only through the Options as provided by the govt e-tender (https://mahatenders.gov.in/hicgep/app). EMD through Bank Guarantee WILL NOT be accepted. Bidders are required to pay the Tender fees and EMD as a single sum. Bidders are specifically advised to make the payment well in advance before the final bid submission date. MPCB will not be responsible for any issues faced by the bidders in making the payment.
21		EXHIBIT -4: MANUFACTURER'S DECLARATION ABOUT TECHNICAL COMPLAINT	This declaration must be on the letterhead of each the Manufacturer, must be signed by a person competent and having the power of attorney to bind the Producer, and must be included by the Bidder in its bid as specified in the Instructions to Bidders	We understand this declaration is to be provided by the Bidder on his letterhead giving 100% compliance on the technical specifications of the tender and dully signed by the Bidder's representative holding the valid Power of Attorney.	The clause is self-explanatory.


22/12/2024

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22			<p>The bidder should be a manufacturer or an authorized agent listed in the scope of work and must have supplied, manufactured, installed, commissioned minimum two (02) nos. of mobile ambient air quality monitoring vans in their existing tenure and must have commissioned minimum 05 nos. of CAAQMS stations with 08 notable parameters in the last three years and should be in satisfactory operation.</p>	<p>Please note in the last three years or more there has not been any single required / tender from any SPCB / CPCB for mobile ambient air quality monitoring vans, hence getting satisfactory performance for the same will not be possible, please accept satisfactory certificates for CAAQMS only for this requirement.</p>	<p>The clause is for supply installation and commissioning of Min ONE (1) mobile ambient air quality monitoring vans in their existing tenure and minimum 05 nos. of CAAQMS stations with 08 notable parameters in the last three years and should be in satisfactory operation. NO CHANGE in the clause</p>
23		<p>PAYMENT TERMS: (b) For Bids in Indian Rupees: (i) 80% percent payment shall be made against delivery, installation, commissioning and on acceptance as per Purchase Order at site.</p>	<p>Complete system will be delivered which is built at our factory. There are no work at site for Mobile Monitoring Vans. All work: Chassis building at our factory. Van will be registered in the name of MPCB. We suggest delivery challan / MPCB inspection report of Mobile Van / Chemtrols internal inspection report to be part of negotiating document of LC</p>	<p>NO CHANGE.</p>	


24/11/2017