

## **MINUTES OF TENDER COMMITTEE MEETING OF PRE-BID**

Tender ID: 2022\_MPCB\_815502\_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:** 13<sup>th</sup> July 2022 at 1130 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/2022-23, Tender ID: 2022\_MPCB\_815502\_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:

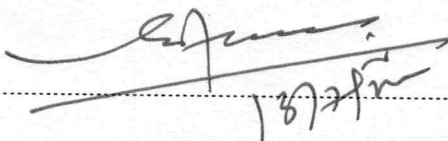
1. M/s. Envea India Pvt. Ltd.
2. M/S Analyser Instrument Co. Pvt. Ltd.

The Committee clarified the queries received in writing / raised by the bidders and same are recorded. The Queries raised by bidders 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.

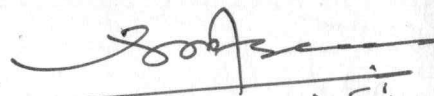
The committee has also decided that, the queries received after the deadline as per the tender condition / and after pre-BID meeting, shall not be considered for reply & e-tender bidding.

The meeting ended with vote of thanks to the chair.

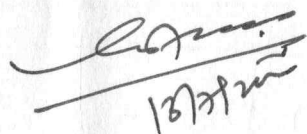


### Annexure – I

Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
1	7	3.2.1.2	Supply of 7 numbers of BS-VI certified vehicle frame model TATA Winger or its equivalent	Please consider TATA LPT712 instead of TATA Winger or its equivalent because space of vehicle will be less to keep petrol generator, AC outdoor(2 Nos.), UPS battery and it will be congested for analyzer maintenance purpose. So we suggest you to consider TATA LPT 712 for the same.	NO CHANGE
2	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.	Is the fuel/oil required for 5 KVA DG Set is also provided? Please confirm. Also what if 5KVA capacity is not sufficient? Who will provide the driver	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. The Driver and Cleaner and any other manpower requirement will be fulfilled by the Successful Bidder at their own cost and should be provided for.

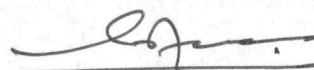
  
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Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
3	7	3.2.1.9 & 3.2.1.10	O & M of CAAQMS Analysers and Mobile Vehicle: Operation & Maintenance of Automated Air Quality Monitoring Systems along with Mobile Vehicle for 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. 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.	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.	Both O&M Services and CAMC services to be provided
4	48	Annex 2, Multi Point Gas Calibration System, subclause 1 point (vi)	MULTI POINT GAS CALIBRATION SYSTEM: (vi) Calibration using permeation tubes for which at least two chambers based Permeation system has to be provided.	We request MPCB to consider calibration gas cylinders instead of permeation bench. Latest CPCB guidelines stipulate that gas cylinders should be used for calibration. Also, permeation benches are difficult to handle (and maintain).	NO CHANGE. Specifications remain unchanged. However, the permeation tubes is required in Multi gas calibration system As per CPCB's Technical
5	48	Annex 2, Multi Point Gas Calibration System, subclause 1 point (vii)	(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.	We request MPCB to consider calibration gas cylinders instead of permeation bench. Latest CPCB guidelines stipulate that gas cylinders should be used for calibration. Also, permeation benches are difficult to handle (and maintain).	Specifications for Continuous Ambient Air Quality Monitoring (CAAQMS) Station (Real Time) dated July, 2019
6			Price Bid Format	Please clarify if we can submit the quotation in split currency.	Bidders can give prices in split currency

  
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Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
7	25	Clause 9	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, in addition to any other remedy available under the Work Order the EMD, Implementation/ performance Security will be liable for forfeiture.	We request MPCB to kindly consider the following liquidated damages (Excluding O&M charges) : Minimum : 0.5% per week Maximum : 5% per week	NO CHANGE
8	25	8.3 (b) payment Terms for Bids in Indian currency	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.	We request MPCB to kindly consider the following payment charges: 80% against delivery & 20% after installation and commissioning	NO CHANGE.
9	12	3.7 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 <b>FOUR (4)</b> months of receipt of the LoA. The warranty support period will begin from the date of Certificate of Operation by MPCB and will be in force for ONE (1) year. The warranty support period will begin from the date of Certificate of Operation by MPCB and will be in force for ONE (1) year.	It is customized item. Please accept supply of equipment in MPCB location in 6 months & installation & commissioning in 2 months	NO CHANGE

  
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Sr. No.	Page No	RFP clause	RFP Condition	Clarifications sought for	MPCB Response
10	18	5.6.2	Earnest Money Deposit (EMD)	Please confirm can we submit EMD in form of BG. Also provide your Bank details and BG format.	NO CHANGE
11	-	-	-	We are an SSI MSME Unit registered with NSIC. Please confirm as per govt. MSME guidelines EMD exemption is provided or not.	NO CHANGE
12	48	MULTI POINT GAS CALIBRATION SYSTEM sub point 1 (i)	Multipoint calibration using automatic dilution system for the calibration of SO2, NO, CO, NH3 and BTEX analyser	As per specifications, only O3 analyser is required so Multipoint calibrator for SO2, NO, CO, NH3, BTX not required	NO CHANGE As per CPCB's Technical Specifications for Continuous Ambient Air Quality Monitoring (CAAQMS) Station (Real Time) dated July, 2019
13	19	Point 6 SUBMISSION OF TECHNICAL BID: COVER - 1 (6.1)	CRITERIA FOR MINIMUM ELIGIBILITY AND BID RESPONSIVENESS: 3. 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 08 notified parameters in the past FIVE (5) years and should be in satisfactory operation.	Please modify clause 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 Three (03) nos. of CAAQMSs with 05 notified parameters in the past FIVE (5) years and should be in satisfactory operation.	MPCB to decide
14	22	6.4.1	Presentations by the Bidders		The Framework for evaluation of the presentation by the bidders is as follows 1. Understanding of the Scope of Work: <b>Max Marks 3</b> 2. Challenges envisaged / Identified for execution and their mitigation strategies: <b>Max Marks 3</b> 3. Proposed O&M methodology

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					<p>and resource deployment: <b>Max Marks 5</b></p> <p>4. Proposed CAMC methodology: <b>Max Marks 4</b></p> <p>5. Proposed reporting and Project Handover: <b>Max Marks 3</b></p> <p>6. Value Additions / differentiators that will benefit MPCB: <b>Max Marks 2</b></p> <p>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</p>

