

MINUTES OF PRE-BID MEETING FOR Tender ID: 2024_MPCB_1037787_1

Selection of Agency to (i) Supply Handy VOC Samplers, (ii) Setting up of Online VOC Monitoring Stations at Six (06) Locations, and provide various related services including comprehensive O & M Contract (Tender ID: 2024_MPCB_1037787_1)

The pre-bid meeting was held offline/ online/ through VC on 22/03/2024 at 11.00 AM to resolve the queries raised by the different bidders, following bidder were present in the pre-bid meeting:


1. M/s. Swan Technical Services Private Limited., Hyderabad (Physically present)
2. M/s. Casella Country Business Manager (Physically present)

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.

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26/3/2024

RFP for Selection of Agency to (i) Supply Handy VOC Samplers, (ii) Setting up of Online VOC Monitoring Stations at Six (06) Locations, and provide various related services including comprehensive O & M Contract (Tender ID: 2024_MPCB_1037787_1)

Minutes of Meeting of Pre-bid Conference held on 22/03/24 and MPCB response to the queries from Prospective Bidder					
Sr. No.	RFP Page No	RFP Clause No	Description in RFP	Clarification Sought	MPCB Response
1	16	Section-1 Instructions to Bidder Pt. 4.4	The Successful Bidder will have to complete the one time supply, testing, training and handover of the Handy VOC Samplers to MPCB within THREE (3) months of LoA.	Request to MPCB to extend contract tenure upto 07 months from the date of Work order.	NO CHANGE IN THE CLAUSE
2	17	Section-1 Instructions to Bidder Pt. 4.11	Bidders are required to submit an Earnest Money deposit (EMD) online for an amount of INR 30,00,000 (INR Thirty Lakh Only) [DS6]Please refer RFP for the payment of the same.	Request for EMD Exemption for MSME, As per Amendment to the Rule 170(i) of General Financial Rules (GFR), 2017	NO CHANGE IN THE CLAUSE
3	24	Section-1 Instructions to Bidder Pt. 4.25 Pre-Qualification Criteria (PQ 4)	Project Experience A AND Project Experience B	Request for Project Experience of A & B should be combined/Merged for similar works like CAAQMS with BTEX experience as BTEX are VOC's measured based on similar technology did with any PCB.	REQUEST ACCEPTED. Experience for Similar works like CAAQMS with BTEX will be considered valid for Project Experience B
4	35	Section-1 Instructions to Bidder Pt. 4.31 Price & Information	The Bidder MUST quote for both the types of products along with its associated services i.e. (a) Handy VOC Sampler (b) Online VOC Monitoring Stations, along with Warranty, CAMC and Operation and Maintenance of Online VOC Monitoring Stations. In case a bidder fails to quote for any of the services, their bid will be considered as non-responsive and will not be considered for evaluation.	Request to exclude bidding both items MUST. Please clarify whether the budget is combined for project A & B?	NO CHANGE IN THE CLAUSE. Budget question irrelevant.
5	36	Section-1 Instructions to Bidder Pt. 4.32 (2) Payment Terms	For Bids in Indian Currency: 80% against CoOP and 20% against 30 days of trouble free operations	Request for 90% payment Against supply and 10% against submission of CoOP	NO CHANGE IN THE CLAUSE



6	37	Section-1 Instructions to Bidder Pt. 4.33 (2) Payment Terms	For Supply - Delay beyond 3 months: 1% of the order value for the delay of each week or part thereof For Handy Sampler - Rs. 2000/- per day of non-working For Online Monitoring Station: Rs. 10000/- per day of non-working	As requested above contract tenure to be extended up to 07 months and penalty amount to be reduced to 0.5% each week of delay. For Handy samplers: Request to reduce it for 500/- per day of non-working. For online monitoring station: Request to reduce it for 1000/- per day of non-working (due to unforeseen challenges)	For Handy Sampler - Rs. 1000/- per day of non-working For Online Monitoring Station: Rs. 5000/- per day of non-working
7	48	Section II Point 6: Installation and Commissioning	Erection and setting up the Shelter as per MPCB requirement	Please clarify the scope of works of civil RCC platform for shelter is under bidder or MPCB? Please clarify the scope of works of Internet connectivity for the PC shelter is under bidder or MPCB? Request following Detector life cycle	Both the works are under scope of the Successful Bidder
8	68	Section II Point 6.2.3 (3)	Detector Life cycle: 10 years	PID: 2 years Quantum Cascade Laser: 5 Years	NO CHANGE IN THE CLAUSE



9	24	Section-1 Instructions to Bidder Pt. 4.25 Pre- Qualification Criteria (PQ 4)	Project Experience A AND Project Experience B	<p>Request to remove the cap on individual projects orders values and allow total compounding values for the last 7 years orders experience on similar works. For Project A - handy samplers getting high value orders very difficult hence allow either Project A or B values into consideration.</p> <p>If we are bidding on behalf of OEM request to accept OEM Experience.</p>	<p>OPTION 1: Project Experience A: Changed to Minimum supply of 20 Qty of VOC Samplers Project Experience B: No change</p> <p>OPTION 2: Collective Project experience by value (i.e. for VOC Handy Samplers + Online VOC Monitoring Stations) to be acceptable as follows</p> <p>One Single order of min Rs. 11 Crores OR Two Orders of min Rs. 7 Crores each OR Three Orders of min Rs. 6 Crores each (Marking system will be adjusted to reflect the same)</p>
10	17	Section-1 Instructions to Bidder Pt. 4.11	Bidders are required to submit an Earnest Money deposit (EMD) online for an amount of INR 30,00,000 (INR Thirty Lakh Only) [DS6] Please refer RFP for the payment of the same.	Request for EMD to be paid as Bank Guarantee	NO CHANGE IN THE CLAUSE



11	24	Section-1 Instructions to Bidder Pt. 4.25 Pre- Qualification Criteria (PQ 4)	a) Bidders shall submit copy of work order/ contract agreement mentioning the relevant scope of Work. b) Completion Certificate from the client OR In case of on-going project, a Go-Live Certificate along with partial completion certificate from the client on client's letter head mentioning the relevant scope of Work, having received the payment matching the 'Minimum Project Value' of the partially completed project.	Documentary submission for project experience along with Purchase Order, we request you consider the Installation & Commission Certificate / Tax Invoice along Payment receipts / Project Completion Certificate from client for past experience.	NO CHANGE IN THE CLAUSE
12	71	Section II Point 6.2.4: Min Tech Specification Meteorological System	The entire meteorological sensor should be certified/ traceable to World Meteorological Organization (WMO) and software should also have certification from the appropriate International Agency	As per the specification, meteorological* sensors are to be certified or traceable to WMO, however, we would like to bring to your notice that WMO doesn't certify any meteorological sensors nor any of them are traceable to WMO. To ensure a quality product from a reputed make, MPCB can request for self-declaration from manufacturer/supplier meeting WMO guidelines and also the calibration equipment's used to calibrate these sensors at factory are NIST/MD traceable or any international agency.	Suggestion accepted. Clause to read " Self declaration from OEM is acceptable
13	51	Section II General Guidelines	The Successful Bidder would arrange for a security of the site and equipment's through appointment for security agency (providing at least one security guards 24 x 7) throughout the day and Night.	Please note that CAAQMS requires the least manual interference and visits at day time itself are sufficient to keep the system operational. Hence we request to consider the security of the site and equipment's through an appointment for a security agency (providing at least one security guard for 8 hrs during the night time). So kindly confirm and clarify the security guard requirement.	NO CHANGE IN THE CLAUSE
14	56	6.1	Minimum Tech specifications for Handy VOC Sampler	Please remove the Touchscreen requirement for VOC Handy Sampler. Maintenance of touch screen is costly.	NO CHANGE IN THE CLAUSE



15	128	ANNEX II Commercial Bid Format			CAMC cost mentioned MUST include Operation and Maintenance cost as well.
16				<p>OEMs MUST HAVE own service and factory calibration center WITHIN India and bidder must have service center within Maharashtra.</p> <p>It will be bidders responsibility to collect and send instrument to OEM and deliver back to RO MHPCB at their own cost within or outside warranty up to 10 years.</p>	<p>Clause to be added:</p> <p>OEMs MUST HAVE own service and factory calibration center WITHIN India and bidder must have service center within Maharashtra.</p> <p>It will be bidders responsibility to collect and send instrument to OEM and deliver back to respective RO MHPCB at their own cost within warranty and 5 year CAMC period</p>
17	15	Section-1 Instructions to Bidder Pt. 4.4	large number of specific Volatile Organic Compounds (VOCs) /odour /NH3 emitted from various types of industries, there is a need to monitor and quantification of the same on a continuous basis.	VOC are large family define the compounds list and Odour has both volatile organics and Sulphur based odours, request MPCB to define the compounds list to measure	List Attached as Annexure-1
18	58	Section II Point 6.2 (6)	Gas Analysers (VOC /Odour/ NH3)	Request TEC to provide list of VOC & Odour gas compounds to measure with GC	List Attached as Annexure-1
19	68	Section II Point 6.2.3 (1)	Working Principal: GC-FID,ECD & UV spectroscopy. Automatic Gas Chromatograph with programmable gradient of the oven temperature Automatic Gas Chromatograph with programmable gradient of the oven temperature	Please accept GC-PID for VOC & Sulphur compounds and Quantum Cascade Laser technology for NH3 compounds	NO CHANGE IN THE CLAUSE
20	68	Section II Point 6.2.3 (2)	Detectors: Flame Ionisation Detection, Electrochemical Wet Cell detection, UV Spectroscopy.	Photo Ionization Detection, Quantum Cascade Laser.	NO CHANGE IN THE CLAUSE



21	68	Section II Point 6.2.3 (4)	Detection Range: VOC odour 0.05 to 45 µg/m ³ or 10 ppt to 15 ppb for Tri-methylbenzene and Benzene Sulphur odour components : 0 to 100 ppb NH ₃ : 0-100 ppm	Request to accept VOC(Benzene): 0.1 to 60µg/m ³ Sulphur odour components: 0-100 ppb NH ₃ : 0-100 ppm Request to accept	NO CHANGE IN THE CLAUSE
22	68	Section II Point 6.2.3 (5)	Detection limit: VOC odour: 10 ppt or lower for Tri-methylbenzene and Benzene Sulphur odour components : DES and DMS < 150 ppt (0.15 ppb), DMDS, MM and EM < 50 ppt (0.05 ppb), H ₂ S and SO ₂ option < 5 ppb NH ₃ ≤ 0.2 ppm	VOC(Benzene): 0.4µg/m ³ Sulphur: 0.2 ppb	NO CHANGE IN THE CLAUSE
23	24	Section-1 Instructions to Bidder Pt. 4.25 Pre-Qualification Criteria (PQ 2)	The average annual turnover of the bidder for the last three (03) audited financial years should be more than INR 4.50 Crs (F.Y 2020-21, FY 2021-22, FY 2022-23)	PQ2 – Request Average Turnover to be reduced to 4.0 Cr in last 03 audited F.Y.	For wider participation the last three (03) audited financial years average annual turnover should be more than INR 4.00 Crs (F.Y 2020-21, FY 2021-22, FY 2022-23)



ANNEXURE - 1: List of VOCs and Odours	
1	Acetaldehyde
2	Acrolein = Propenal
3	Propanol
4	Acetone
5	Acetonitrile
6	Methyl Ter Butyl Ether (MTBE)
7	Metharolein (2-Methyl Propenal)
8	Methanol
9	Methyl Vinyl Ketone (MVK)
10	Methyl Ethyl Ketone (MEK)
11	2-Pentanone (MPK)
12	N-Pentanal
13	3-Pentanone
14	N-Hexanal
15	1,3 Butadiene
16	N-Butanal (Butyraldehyde)
17	Isopropyl Alcohol
18	Methyl-methacrylate
19	2-Hexanone (MBK)
20	Benzene
21	Toluene
22	Ethylene
23	Xylene
24	Sulphur dioxide
25	Ammonia (NH ₃)
26	Methyl-Mercaptan
27	Ethyl-Mercaptan
28	Di-Methyl-Sulfide
29	Di-Methyl-Di-Sulfide
30	Di-Ethyl-Sulfide
31	Napthalene
32	Hydrogen Sulphide

