

## Minutes of Meeting

**Sub: Pre bid meeting w.r.t. e-tendering for supply, Installation & commissioning and operation and maintenance service of Continuous Ambient Air Quality Monitoring Stations (CAAQMS)**

**Ref:** .e-Tender notice no. MPCB /JD(APC)/01/2016-17 (e-Tendering 398)

**Date and time:-** 15/07/2016 at 2:00 pm.

**Venue:-** Conference Hall, MPCB, Kalpataru Point, 4<sup>th</sup> Floor, Sion, Mumbai.

As per the tender Schedule, a pre-Bid meeting with the prospective bidders was held at MPCB, conference hall in presence of Tender Evaluation Committee constituted by the Board vide reference no. MPCB/APC/CAAQMS/Tender/B-2806 dtd : 14<sup>th</sup> July 2016. The list of Bidders representative present in the pre-bid meeting is enclosed at **Annexure- I**

SO-APC division welcomed all the committee members and the representative from the various suppliers to the pre-bid meeting and gave brief introduction about the procurement of CAAQMS for Mumbai and Navi Mumbai. After brief introduction from the committee members and the representative of the suppliers, the form of questionnaires submitted in respect to Tender document by the vendors were taken up for clarification. The committee was also informed about the training Session conducted to vendors on online submission of pre-bids during 11 am to 1.30 pm today.

The MPCB requested to add disclaimer page to the tender document as same was missing while uploaded on the website.

Clause no. of Tender doc.	Details as per Tender Doc.	Corrections / amendments
<b>Technical</b>		
Clause 2.1	Invitations for Bids.	No Change.
Clause no. 3.1(online UPS),specification(Volume II)	10 KVA UPS(battery backup time)	It was confirmed that, 4 hrs battery backup is required.
Clause no. 3.2(online UPS),specification(Volume II)	05 KVA UPS(battery backup time)	It was confirmed that, 2 hrs battery backup is required.
Clause no. 7(B) of technical specifications (volume II)	USEPA approval for NH3 analyzer	USEPA approvals not required.
Clause no. 7(B)(13) of technical specifications (volume II)	Rise and Fall time	Rise and Fall time shall be same as response time for NH3 analyzer.
Clause no. 1 & 8 of Volume I of section II.	Installation of equipments and details of project	No clarification is required. It shall be as per tender description.

	structure.	
Clause no. 2 of Volume I of section II & the corresponding data sheet in annexure I of volume II.	2.1 type: 3 nos split type roof mounted 5 star rating AC with an automatic timer.	Outdoor unit of air conditioner to be fixed on roof top or any other suitable place.
Clause no 4 & (J) Air Quality analysis system & Multi calibration system of technical specifications of volume I: Scope of work	Description as per 4.6 of Tender	No change,
Clause no.8 & : Weather monitoring sensors of technical specifications	Wind speed, wind direction, Ambient temperature, relative Humidity etc.	No change,
Clause no 7 of tender notice	The Documents (Annexures) to be uploaded to technical envelope online.	List of the document to be uploaded online (see page no 8), clause no 7 of <u>section -A</u> ,shall be as mentioned below: Attachments to be up loaded: I,2,3,3A,4,5,6,7,8A,8B,8C,9,11,12 of Attachments mentioned at Section – III (Form of Techno Commercial Bid) and Annexure-I of volume-II (Technical Specification).
1.9.1 technical specification volume II	Security cabin	Optional, Cost should be quoted separately.
Clause no 2.5.1 of section I (ITB)	The bidder should be manufacturer as listed in the scope of work-----	Should be manufactured, supplied, tested and commissioned min. 6 number of stations either container based or otherwise in any, during last 3 years period which should be in a satisfactory operation.
Clause no 6.5 of (ITB)	Currency to be quoted for bidding	No change.
Clause no 14	Performance security	No change.
Clause no 15 of section VI (SCC)	Performance security	No change.
Clause 37 of section 5 (GCC)	Taxes and duties	As per tender condition
Clause 6.5 of section VI (SCC)	Equipment to be supplied from foreign country	As per tender condition
Clause 13.2 (a), (b) (SCC)	Payment of goods and services from abroad.	As per tender condition
<b>Commercial</b>		

ITB/4.4, point no 3	Bid security submission	EMD shall be submitted online as per tender notice (page no 3). Option of bank guarantee for EMD not accepted by the committee.
ITB/6.3 note I and attachment II	Summary of bid prize, the O & M cost _____	O & M cost shall be 12% as mentioned in note I of clause 6.3
Prize bid schedule/ form of financial bid section 4 of volume I	Uploading of attachment 1,2,3 and 3 A.	To be uploaded online (pdf format) as per tender document.
IFB-Clause 2.5,	O & M personnel's.	Project Engg.-1no., Technician-1 each/Station, Data Processor-1 at central data centre at MPCB-HQ.

- The pre-bid queries communicated by M/s.Environment SA, M/s. Thermo Fisher scientific, M/s. Chemtrols Industries Pvt. ltd and M/s. Techno Energy Engineering private limited, Nagpur were clarified by the committee.
- The committee has also clarified the oral submissions made in the meeting. M/s Nevco Pvt. Ltd has requested the committee to consider open path measurement technology for procurement. Committee has informed that, this measurement technology is not notified in national ambient air quality standards 2009.
- Regional officer, Navi Mumbai informed that, the site selection for installation of one CAAQMS in CEPI area in Navi Mumbai is completed and same is submitted to JD APC, Section.

It was also decided that, no any queries will be considered for clarification after concluding of this pre-bid meeting i.e. on dtd : 15.07.2016.The above amendments and corrections are part of the original tender document published in the website.

The meeting was adjourned with the vote of thanks to the Chair.