

Minutes of Pre-Bid Conference (PBC) held on 17-10-2023 for proposed procurement of "Automatic Bomb calorimeter" – 4 No.

As scheduled (PBC) has been conducted on 18-10-2023 for proposed procurement of Automatic bomb calorimeter.

Chairpersons / Members of the Technical Sub Committee (TSC) present during PBC including domain experts present during PBC:-

1. Dr. Pratyay Basak, Chairperson
2. Dr. Jithender Reddy, Member
3. Shri D V Rao, Member
4. IO/PL – Dr T V Rao
5. Dr.A.G.Rao, Chair, DEEE

Representatives of the following firm attended the PBC:

1. M/s MH Enterprises, Hyd firm has participated in Pre Bid Meeting)
2. M/s Orbit Technologies Pvt Ltd

Query raised by M/s MH Enterprises (representing M/s. Advance Research Instruments Comp) and response of CSIR-IICT:

SI No.	Existing Specifications	Query of the firm	Response of CSIR-IICT
1.	Oxygen combustion vessel (Bomb): The calorific bomb having internal volume 250ml.	The calorimeter bomb having internal volume 250 ml, but the firm has asked to increase the volume to 300 ml	The consumption of oxygen will be more if volume increases, accordingly we have given 250 ml specification. Hence the requested change cannot be accepted.
2.	Fixed Type of bomb and Bucket system to increase number of samples analysis & to reduce time on manual work.	The firm has suggested to amend the specification of fixed type of bomb to removable bomb.	IICT needs fixed bomb as the time taken for analysis of the sample is lower in comparison with the removal bomb. The hydro pressure testing could be carried even in the fixed type of bomb model also. We are doing this testing for our existing bomb calorimeter. The material of calorimetric of bomb should be halogen (corrosion) resistant, hence, requested change cannot be accepted.
3.	Bomb washing should be	The firm has suggested to amend that bomb	IICT needs to process more number of samples in a day

	<p>automatic to avoid tedious and time consuming operation for operator to be able to handle more equipments for more productivity. Rinse tank with nitrogen gas cylinder and regulator should be provided for automatic cleaning aof bomb after analysis.</p>	<p>should be removable and washing should be manual for better life of bomb.</p>	<p>as per the demand. Automatic washing only can serve the purpose of carrying out high number samples in a day. The manual washing will take more time and permissible as per our requirement. hence, requested change cannot be accepted.</p>
4	<p>Quick Twist Lock System:</p>	<p>Quick lock feature is an unnecessary feature which has no application and is not required.</p>	<p>Safety of the instrument and person operating the same is highly essential. During the analysis, pressure is developed in the bomb and as a safety measure, the quick twist locking system is very much required. In addition to this, quick twist lock system automatically stops the instrument if someone lifts the lid by mistake while using the instrument. Hence, requested change cannot be accepted.</p>
5	<p>Analysis time: less than 10 minutes in isoperibol (from pressing of start button to the end of the analysis cylce)</p>	<p>The suggested to amend the specification of analysis time: 10-15 min.</p>	<p>It is absolutely essential that more number of samples have to be analysed in day to cater to the demand of the clients. In this regard, analysis of the sample within 10 minutes is essentially required, hence, requested change cannot be accepted.</p>

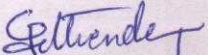
Query raised by M/s. Orbit Technologies Pvt. Limited, and response of CSIR-IICT:


Though representative of the firm participated in PBC they did not raise any specific query and informed that tendered specifications are acceptable for them.

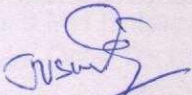
Points clarified by CSIR-IICT Team during PBC:

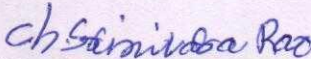
The participating firms informed that they do not have problem with any other point of tendered specifications and requirements. Participating bidders have been informed during PBC by the **Technical Sub Committee (TSC)** that **post PBC there will not be any change** in tendered specifications and requirements and a copy of this minutes shall be uploaded in **CPPP** for information and reference of all the participating bidders..

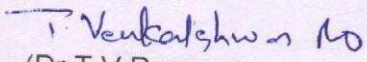
All bidders are requested kindly to take a note of clarifications given in this minutes with reference to the tendered specifications subsequent to PBC held on 17.10.2023, before they start submitting their online bids through CPPP.

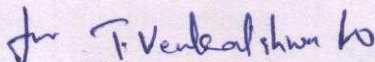

(Dr. Jithender Reddy)
Member

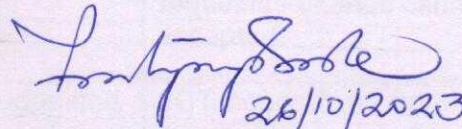

(Shri D V Rao)
Member


(Sh J VSN/Murthy)
Domain expert/user


(Sh Ch Srinivasa Rao)
Domain expert/user


(Dr T V Rao)
IO


(Dr A G Rao)
HOD, DEEE


26/10/2023
(Dr. Pratyay Basak)
Chairperson