

Minutes of Pre-Bid Conference (PBC) held on 07-09-2023 for proposed procurement of "TGA-DTA"
- 1 No.

As scheduled (PBC) has been conducted on 07-09-2023 for proposed procurement of TGA-DTA.

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

1. Dr. N Lingaiah, Chairperson
2. Dr. Sreepriya V, Member
3. Dr. Pratyay Basak, Member
4. Dr. Jithender Reddy, Member
5. Shri D Venkateshwar Rao, Member
6. IO/PL - Dr. Sumana Chenna

Representatives of the following firm attended the PBC:

1. Mr. Sunil Kumar, Sales Manager, M/s PerkinElmer India Pvt. Ltd
2. Mr. Satya G. M/s Basil Bio Solutions (OEM M/s Mettler Toledo, India Pvt. Ltd)

The following points were discussed during the PBC:

Query raised by M/s Perkin Elmer India Pvt. Ltd and response of CSIR-IICT:

Query-1: Furnace operating temperature up to 1000°C and the furnace working temperature up to 1100°C both are same the specification may be removed.

Response: Chairman is given clarification that to do TGA analysis (sample operating) at 1000°C temperature the furnace should be above 1000°C (preferably furnace working temperature up to 1100°C). The firm representative accepted explanation given by the chairmen.

Query-2: Platinum, Alumina pans are reusable and aluminium are not reusable. Aluminium pans may be removed from specifications.

Response: Chairmen has given clarification that even though Aluminium pans are not reusable still they should be supplied for single time usage and storage. The firm representative accepted explanation given by the chairmen

Query-3: Three gas inlets for system reactive and gas inert gases with individual MFCs of each flow rate up to 200ml/min. optimum flow required for our system is 20 ml/min.

Response: Chairmen agree with the firm representative and the committee decided that to change specifications as 200ml/min or better.

Query-4: Video recording of sample should be removed

Response: The committee has decided to remove camera from tender specifications.

Query-5: TGA-DTA with future upgradable option to be interfaced with FTIR/GC/GCMS for outlet gas mixture composition analysis

Response: Chairmen explained the interface means, there should be provision for connecting TGA-DTA gas outlet to the FTIR/GC/GCMS to analyze the eluted gases. The firm representative understood the explanation given by the chairmen

Query raised by M/s Mettler Toledo, India Pvt. Ltd and response of CSIR-IICT:

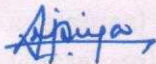
Query-1: During PBC the firm raised a query that the video recording of sample should be removed

Response: The committee has decided to remove camera from tender specifications.

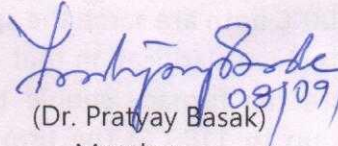
Points clarified by CSIR-IICT Team during PBC:

The firms informed that they do not have problem with other points of tendered specifications and requirements. Participating bidders have been informed that points raised by them during PBC will be examined by CSIR-IICT's **Technical Sub Committee (TSC)** constituted for the purpose of procurement of said equipment and **post PBC changes** in tendered specifications and requirements to be agreed after due consideration of the same by TSC, if any, will be uploaded in **CPPP** as part of **revised/amended tendered specifications**.

Minutes of the PBC with changes agreed (if any) will be uploaded in due course at **CPPP** for information and reference of prospective bidders on or before **12.09.2023**. All bidders are requested kindly to take a note of changes in tendered specifications subsequent to PBC held today, i.e. 07-9-2023 before they start submitting their online bids through **CPPP**.



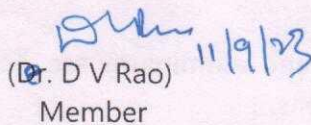
(Dr. Sree Priya Vedantam)
Member



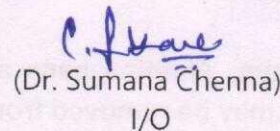
(Dr. Pratyay Basak)
Member



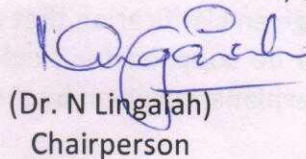
(Dr. Jithender Reddy)
Member



(Dr. D V Rao)
Member



(Dr. Sumana Chenna)
I/O



(Dr. N Lingajah)
Chairperson

Participating Bidders Representatives (Firm Name and Signature of representative participating in the PBC):

1. Mr. Sunil Kumar, Sales Manager, M/s PerkinElmer India Pvt. Ltd
2. Mr. Satya G. M/s Basil Bio Solutions (OEM M/s Mettler Toledo, India Pvt. Ltd)

Revised Specifications/Corrigendum

File Ref. No. PUR/IICT/DMS/499/23-24 Dt 07.09.2023

With discussions with representative and TSC the following modification are incorporated and same bidders may be taken note of these additions/changes

Tender specifications: Sl.No.8: Gas inlet with MFCs: 3 gas inlets (N₂, CO₂ and CH₄) with individual MFCs, (each flow rate up to 500 ml/min) and including fittings.

Revised specification: Gas inlet with MFCs: 3 gas inlets (N₂, CO₂ and CH₄) with individual MFCs, (each flow rate up to **200 ml/min or better**) and including fittings.


Tender specifications: Sl. No.14: one Personal computer (as per specification)

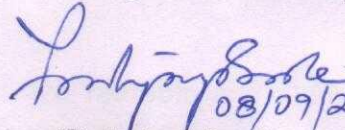
Revised specification: Two Personal computer (as per specification). One for data acquisition and processing from TGA-DTA instrument. Other one for data collection and processing from the same TGA-DTA instrument.


Tender specifications: Sl.no. 11: Camera for video recording of samples up to 1000°C@10FPS AMD-Rayzen 9 or Inlet i-9, 32" UHD Display 16 GB DDR4 graphics card (4GB, GDDR5)

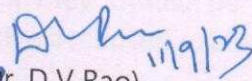
Revised specification: The committee has decided to remove camera from tender specifications.

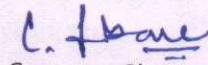
All the other tender terms remains unchanged. Bidders may please submit their bids accordingly.

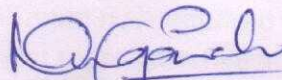

(Dr. Sree Priya Vedantam)
Member


(Dr. Pratyay Basak)
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Chairperson