

Minutes of Pre-Bid Conference (PBC) held on 17-10-2023 for proposed procurement of "HIGH PRESSURE HOMOGENIZER" –
As scheduled (PBC) has been conducted on 17-10-2023 for proposed procurement of High pressure homogenizer.

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

1. Dr. Pratyay Basak, Chairman
2. Dr. Jithender Reddy, Member
3. Shri D Venkateshwar Rao, Member
4. IO/PL –Dr T. Kumaraguru

Representatives of the following firm attended the PBC:

1. M/s Inkar Instruments Pvt Ltd., Hyderabad.
2. M/s Trident Equipments Pvt. Ltd., Mumbai

The following points were discussed during the PBC:

Query raised by M/s. Inkar Instruments Pvt Ltd and response of CSIR-IICT:

Query-1: Specification No. 5, clarify the chiller make? Whether branded or the same make?
Response: CSIR-IICT clarified that chiller should be compatible with the instrument and branded/reputed make.

Query-2: Clarify the Pressure display? Whether manual or digital?
Response: CSIR-IICT clarified that the instrument should have a Pressure transducer with digital display for precision measurement.

Query raised by M/s. Trident Equipments Pvt. Ltd., Mumbai, and response of CSIR-IICT:

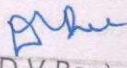
Query-1: Specification No. 5, clarify the requirement of chiller? Instrument with cooling coil that needs Ice for cooling can be an alternative for chiller?
Response: CSIR-IICT clarified that the instrument should be supplied with compatible, branded/reputed chiller.

Points clarified by CSIR-IICT Team during PBC:

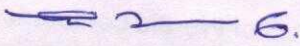
The firm informed that they do not have problem with other points of tendered specifications and requirements. Participating bidders have been informed that points raised by them during PBC will be examined by CSIR-IICT's **Technical Sub Committee (TSC)** constituted for the purpose of procurement of 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**.

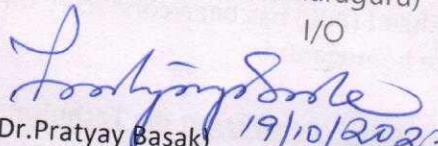
Minutes of the PBC with changes agreed (if any) will be uploaded in due course at CPPP for information and reference of prospective bidders on or before **20.10.2023**. All bidders are

requested kindly to take a note of changes in tendered specifications subsequent to PBC held today, i.e. 17-10-2023 before they start submitting their online bids through CPPP.


(Dr. D V Rao)
Member


(Dr Jithender Reddy)
Member


(Dr. Kumaraguru)
I/O


(Dr. Pratyay Basak) 19/10/2023
Chairperson

Revised Specifications/Corrigendum

File Ref. No. PUR/IICT/DMS/887/RE/22-23

Dt 17.10.2023

Mandatory specifications

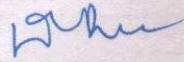
- ✓ Sample Volume: System should handle minimum sample volume of 5-15 mL.
- ✓ Pressure range: Adjustable Up to 29000psi/2000 bar with clear display.
- ✓ Flow : Should have Flow rate in the range of 50-150 mL / min.
- ✓ Should have stainless steel heat exchangers to control inlet and outlet temperatures.
- ✓ Should provide a compatible branded/reputed chillier to control temperature or to maintain the temperature of heat exchanger.
- ✓ Should have electric gear motor driven, single-acting, high-pressure pump.
- ✓ Should have Pressure transducer with digital display for precision pressure measurement.

General specifications:

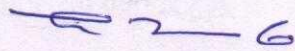
- ✓ Suitability : Should suitable for cell disruption of Bacteria such as *E-coli*, Plant cells, Mammalian cells etc.,
- ✓ Type : Should be easy in operation cleaning, sterilization & maintenance and also should be CIP and SIP sterilizable.
- ✓ Safety : System should have over pressure protection during operation for safety.
- ✓ Should include 2 sets of all wear and tear parts such as homogenizer valve/camber, O-rings, cascades, springs, etc.
- ✓ System should be complete in all respects and fully functional during delivery and no additional parts are required. Should include all Spares/Consumables required for installation & demonstration.
- ✓ Please enclose supporting documents along with technical specifications and List of users with the quotation.
- ✓ The detailed Service manual should be supplied along with the system. Technical presentation and Demonstration of quoted unit should be arranged if required.
- ✓ Warranty should be 3 years.

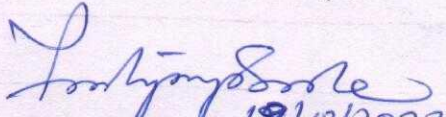
- ✓ The instrument should be installed & demonstrated free of cost after delivery of the unit.

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


(Dr. D V Rao)
Member


(Dr. Jithender Reddy)
Member


(Dr. T. Kumaraguru)
I/O


(Dr. Pratyay Basak)
Chairperson
19/10/2023