

Minutes of Pre-Bid Conference (PBC) held on 28-11-2023 for proposed procurement of  
"Supply installation and commissioning of Rotary Evaporators 50 Nos" –

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

1. Dr N Lingaiah Chairman
2. Dr. Pratyay Basak, Member
3. Dr. Jithender Reddy, Member
4. Dr. Sreepariya Vedantam, Member
5. Shri D Venkateshwar Rao, Member
6. IO/PL – Dr. M. SRIDHER REDDY

**Representatives of the following firm attended the PBC:**

1. M/s AMIS International Representing BUCHI
2. M/s IR Technologies Representing Labtech
3. M/s Inkar Instrument Representing Heidolph

**The following points were discussed during the PBC:**

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

Query-1: Two 1 liter receiving flasks required with each system?

Response: Yes, since it is detached and reattached several times of the day, a spare is essential right from the installation

**Query raised by M/s. AMIS International, and response of CSIR-IICT:**

Query-1: cooling surge zone of condenser must be 2000 cm<sup>2</sup>, why not 1500 cm<sup>2</sup>?

Response: It is modified as 1500 cm<sup>2</sup> or more

Query-2: Clamp is essential to hold the condenser?

Response: We modified the specification saying any alternative support would be ok

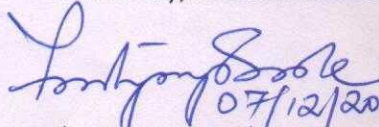
Query-3: why IP 42 protection for operating panel and IP 21 protection class for remaining system?

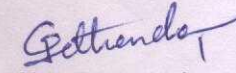
Response: We have now revised it to IP 21 or better for whole system.

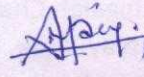
**No Queries were raised by M/s. IR Technologies, and response of CSIR-IICT**

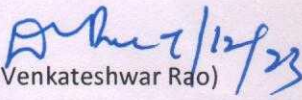


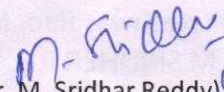
Minutes of the PBC with changes agreed (if any) will be uploaded in due course at **CPPP** for information and reference of prospective bidders on or before **05.12.2023**. All bidders are requested kindly to take a note of changes in tendered specifications subsequent to PBC held today, i.e. 28-11-2023 before they start submitting their online bids through CPPP.

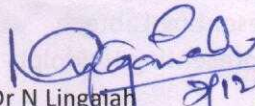
  
07/12/2023  
(Dr. Pratyay Basak)  
Member

  
(Dr. Jithender Reddy)  
Member

  
(Dr. Sreepriya Vedantam)  
Member

  
07/12/23  
(D Venkateshwar Rao)  
Member

  
03/12/23  
(Dr. M. Sridhar Reddy)  
IO/PL

  
21/12/2023  
Dr N Lingaiah  
Chairperson



Revised Specifications/Corrigendum

File Ref. No. PUR/IICT/DMS/889/RE/22-23

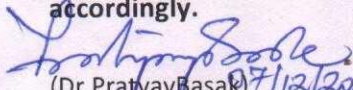
Dt.06.12.2023


1. Rotary evaporator with motor lift, Vertical condenser with transparent glass, Digital touch vacuum controller, Maintenance free vacuum seal.  
To be provided with 1 Liter evaporating flasks and two 1 liter receiving flasks with each system.  
In case of power failure, automatic lifting of evaporating flask required.
2. All glass components should be made of Borosilicate & Cooling surface zone of condenser should be at least **1500 cm<sup>2</sup>** or more
3. Heating bath temperature: Microprocessor controlled bath temperature ranging from ambient to 180°C or more with accuracy of  $\pm 1^\circ\text{C}$  with automatic over heat cut-off protection with digital display.  
Bath material SS with PTFE coating
4. Rotation speed 20-275 RPM or above with digital display LED
5. Should have digital display of parameters such as actual bath temperature and rotation speeds
6. Heating bath should accommodate bigger evaporating flasks (up to 5 Lt) and accordingly bath distance should be extendable
7. Clamp to hold evaporating flask and also stand with clamp or alternate system to support condenser
8. The parts which are in contact with the media should consist of PTFE with perfluoroelastomer FFKM O ring
9. Paint formula should be resistance against corrosion especially from condensed water
10. Vapor tube with sleeve to give more strength and easily remove from drive
11. Three Years Comprehensive Warranty of the system.
12. The technical details of the respective model which the vendor wants to quote or supply should be available in their catalogue and website

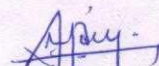
**13/14. IP 21 Protection class or better for whole system**

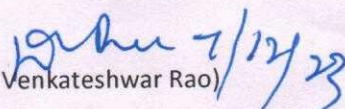
15. The bidder should have executed at least one similar order(s) successfully during the preceding three financial years in government institutes or any reputed/major industry

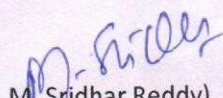
**All the other tender terms remains unchanged. Bidders may please submit their bids accordingly.**

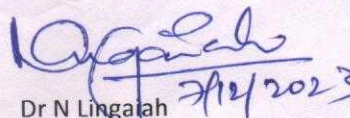
  
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(D Venkateshwar Rao) 7/12/23  
Member

  
(Dr. M. Sridhar Reddy) 06/12/23  
IO/PL

  
Dr N Lingalah 7/12/2023  
Chairperson