

Minutes of Pre-Bid Conference (PBC) held on 09-01-2024 for proposed procurement of "Supply, Installation and commissioning of AUTOMATIC TISSUE PROCESSOR WITH INTEGRATED VACUUM SYSTEM" –

**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. Sreepriya Vedantam, Member
5. Shri D Venkateshwar Rao, Member
6. IO/PL – Dr. C. Yogesh

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

1. M/s EpreDia (Indian Agent- Vision Diagnostic (India) Pvt Ltd, Ghaziabad)
2. M/s Diapath, (Indian Agent- M/s. Basil Biosolutions Bangalore)

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

**Query raised by M/s. EpreDia (Indian Agent- Vision Diagnostic (India) Pvt Ltd) and response of CSIR-IICT:**

Query-1: Specification no:1 – Vacuum system should be changed to Spin technology  
IICT Response: **Not Agreed**

Query-2: Specification no:13 – Automatic vertical agitation should be changed to centrifugal or spiral agitation  
Response: **Not Agreed**

**Query raised by M/s. Diapath, (Indian Agent- M/s. Basil Biosolutions) , and response of CSIR-IICT:**

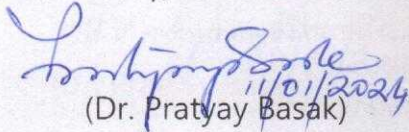
No queries raised by Diapath, (Indian Agent- M/s. Basil Biosolutions)

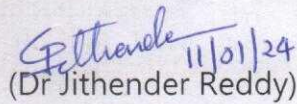
*[Handwritten signature]*  
11/01/24

**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 **12-01-2024**. All bidders are requested kindly to take a note of changes in tendered specifications subsequent to PBC held today, i.e. 09-01-2024 before they start submitting their online bids through CPPP.

  
(Dr. Pratyay Basak) 11/01/2024

  
(Dr. Jithender Reddy) 11/01/24

(Dr. Sreepriya Vedantam)

Member

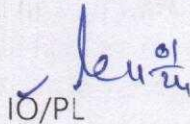
  
(D Venkateshwar Rao)

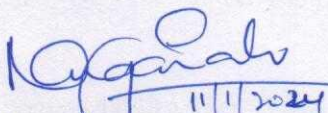
Member

  
(Dr. C. Yogesh) 11/01/24

Member

Member

  
IO/PL

  
(Dr. N Lingaiah) 11/1/2024

Chairperson

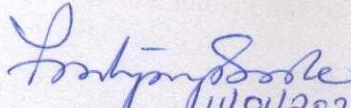
Revised Specifications/Corrigendum

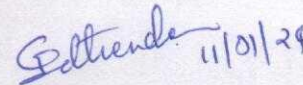
File Ref. No. PUR/IICT/DMS/398/23-24

Dt 09-01-2024

- 1 Specification no.20 regarding the AMC is removed from the list
2. 12 months (one year) comprehensive onsite warranty should be provided from the date of successful installation and final acceptance of the supplied system by CSIR-IICT user.

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

  
(Dr. Pratyay Basak) 11/01/2024

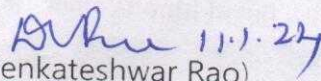
  
(Dr Jithender Reddy) 11/01/24


(Dr. Sreepriya Vedantam)

Member

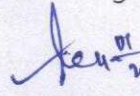
Member

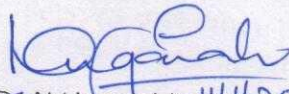
Member

  
(D Venkateshwar Rao) 11.1.24

  
(Dr. C. Yogesh) 11/01/24

Member

  
IO/PL

  
(Dr. N Lingajah) 11/1/2024

Chairperson

## Specification for Automatic Tissue Processor with Integrated Vacuum System

1. An Automated tissue processor with carousel-type construction and containing at least 12 processing stations is required. It should be integrated with vacuum pump and vacuum control is mandatory.
2. It should be bench top unit (movable) to be kept on a laboratory table.
3. It should have the capacity to run 80-100 cassettes per run (the single tissue basket model and should be of Aluminum make)
4. It should have freely selectable programs which can be up to 10 programs.
5. It should have at least 10-12 reagent stations (10 reagent stations, 2 wax baths and connection for optional third wax bath).
6. Reagent bottle capacity and type: Should have up to 2 liters with seals to minimize evaporation and expose of the hazardous fumes. It should be aluminum or equivalent type reagent containers, solvent-resistant and dishwasher- proof, with containing minimum/maximum filling marks.
7. The drain time should be 60 sec in each station to reduce carry over contamination.
8. Paraffin temperature: 50-65 degree Celsius
9. Infiltration time of up to 99 h 59 min, individually programmable for each station.
10. Processing reagent temperature: 37-60 degree Celsius
11. Display: Membrane keyboard and LCD screen. Locking key should be there to prevent advertent changing of programmed parameters. Also indication of station and program parameters such as number of tissue baskets, remaining infiltration time, real time, start time (delayed start time), overall run time and end of run time.
12. Vacuum Specification: Ability to apply pressure and/or vacuum or both during tissue processing. The pressure difference of max. 500 hPa (approx. 0.5 bar) applicable for all stations and ability to program Vacuum in all stations individually, can be able to ON / OFF & control the Vacuum function for every station
13. Provision for controllable automatic vertical Agitation for each station
14. Immediate start and delay start up to 9 days. Permanent tissue basket movement (can be switched ON/OFF) at 3 second intervals in both manual and automatic operation. 1 minute drain time between stations for reduced carry-over.
15. Maximum safety concept with automatic immersion of the tissue basket into the reagent jar in case of power failure. The tissue specimens are protected from drying out even during a power failure since the tissue baskets are automatically immersed in a station. The program is resumed where interrupted once mains power is restored. After a long-term power failure, the wax will be liquefied.
16. Power failure indication including station number and time lapsed in excess of programmed infiltration time. Automatic reheating of wax before basket transfer to a wax bath. crank for raising or equivalent mechanism to rotate the carousel for immediate removal of tissue basket or to transfer to the next station.
17. Audible alarms, error messages and warning codes for maximum safety.
18. Thermostatically controlled wax bath and excess temperature cutout facility at 75 Deg Celsius.
19. Certification: CE/ WHO GMP/ISO 9001
20. Apart from the standard delivery the additional accessories required are: 1500 nos. of plastic embedding cassettes, the cost of these should be included in the quotation.

*[Signature]*  
11/01/24

*[Signature]*

21. The service support should be directly from the company from an experienced professional.
22. Mandatory documentations required: The equipment should be GLP compliant. Should provide documents in evidence of supplying to the GLP labs.
23. 12 months (one year) comprehensive onsite warranty should be provided from the date of successful installation and final acceptance of the supplied system by CSIR-IICT user.

*[Signature]*  
11/01/24

*[Signature]*  
11/01/24

*[Signature]*

*[Signature]*  
11/01/24