

**Corrigendum against the NIT No.RCB/ATN/13-28/17-18**

Subsequent to the pre-bid meeting held with the prospective bidders on 20-12-2017, the specifications for various items were reviewed in the light of the points raised by the prospective bidders for the respective items and few changes are made in the technical specifications for the following items as under :

**Tender No. RCB/ATN/20/17-18 (Binocular Upright Microscope)**

**Body: Binocular, sturdy, stable base body with focus adjustment controls and anti-fungus optical components**

**Eye piece: Paired, high quality, (the image of the object as seen through the binocular eyepiece should be well defined centrally, achromatic, wide field, 10x with inbuilt pointer. The eyepiece should be aplanatic and have a minimum field number of 18 Diopter adjustment must be present on both eye pieces.**

**The system should have a build-in variable light source (Illuminator). This light source should have a LED lamp to illuminate the sample uniformly with working life of 40000 hrs or more. The circuitry for the light source should include a constant voltage supply.**

**Microscope should have US FDA/ EU CE/ ISO ISO 9022-11:1994/ UL 61010-1 certificate.**

**Tender No.RCB/ATN/26/17-18. (Ductless Chemical Hood)**

**1. The width and depth of internal work area should be at least 1170 mm and 630 mm respectively. It should be sufficient to protect users and the environment from hazardous vapors generated on the work surface, with no outside venting.**

**2. The systems should have 3 columns of main Activated carbon filter suitable for removal of organic solvents and acid vapors. 3 columns of Secondary filters should also be provided for extra protection.**

**3. The successful bidders will have to perform IQ/OQ validation test as per manufacturer's guidelines at RCB's installation site.**

**Tender No RCB/ATN/13/17-18(Vacuum Concentrator)**

**Run time should be programmed by independent digital timer of 1 mins – 9 hrs or more with minimum temperature selection ranging from 30°C to 60°C.”**

**System must have equipped with the rotor of minimum 100 X1.5/2.0 ml micro tubes with changeable rotor facility.**

**Tender No RCB/ATN/21/17-18(Freeze Dryer/Lyophilizer)**

**Ice condenser and cooling coil Made of Stainless Steel (316/304), with Teflon coating, Condensing speed should be at least 4 kg/lit in /24 hour**

**Refrigeration: Should have CFC and HCFC free refrigerant to cool minimum – 80 Deg C or below**

**System should have fast hot-gas defrost and drain valve for cleaning/ decontamination.**

**System should have Tool to determine End Point either Via Pressure OR Temperature. No Manual Determination**

**This specification need not to be considered in this tender for freeze dryer.( Multiple step programmable system: Freezing, vacuum pump warmup, main drying and final Drying, defrosting etc.)**

**System must have three selves Diameter minimum of 200- 250 mm or bigger for drying in plates/ dishes”**

**RCB/ATN/22/17-18 : Water bath**

- 1. Exterior : Chemical and corrosion resistant ,epoxy coated exterior.**
- 2. Interior : should be made up of 304 grade SS with rounded corners.**
- 3 Should have 4 temperature preset storage settings.**
- 4. Should be UL, CE certified.**
- 5. Heater output should not be more than 1000 W**

**RCB/ATN/27/17-18 : 4 Degree Refrigerator**

- 1) Gross /Net volume of 280-300 liters, with 1570x595x634 mm (HxWxD) approximate dimensions and not more than 90 kg in weight
- 2) . Energy consumption of approximately 0.43kWh/24hr.
- 3) . Field Reversible solid door

**RCB/ATN/28/17-18 : -20 Degree Refrigerator**

2. Gross /Net volume of 220-240 litres, with 24" x 25" x 63" (WxDxH) approximate dimensions and not more than 90 kg in weight
3. Temperature range of – 18 °C to – 25 °C temperature
4. Energy consumption of approximately 1.77 units / 1.0 kWh / 24hr
16. Force free Manual defrost system to avoid temperature fluctuation during auto defrost.

**RCB/ATN/18/17-18 : Probe sonicator**

1. Power output 700watts or more
12. External temp probe to monitor temp

For rest of the items, the technical specifications remains the same (unchanged).

Further, the following changes for some of the clauses were made in the general terms and conditions(Annexure-II) of the tender document for all the items against NIT **No.RCB/ATN/13-28/17-18** as under :-

**Clause No.51 shall read as :**

SUCCESSFUL TENDERERS WILL HAVE TO FURNISH PERFORMANCE BANK GUARANTEE FOR 10% CONTRACT VALUE FROM ANY SCHEDULED INDIAN BANK VALID FOR THE WARRANTY PERIOD AND THREE MONTHS EXTRA ALONGWITH THE FINAL PROFORMA INVOICE.

**Clause No.56 shall read as :**

The supplier shall furnish a list of organizations where the equipment, in question, has/have been supplied with the period during the last three years and satisfactory performance certificate from three similar organizations shall also be provided.

Last date for submission of sealed bids extended upto 17.01.2018 (upto 12:30 hrs) and opening of Tenders (Technical Bids) will be on the same day 17.01.2018 at 14:00 hrs.