

Corrigendum for Tender specifications for different instruments

Sub: Minutes of the Pre-bid meeting held on 17/01/2017 for the open tenders RCB/ATN/04/16-17 to RCB/ATN/26/16-17 for various scientific instruments

Pre-bid meeting with the prospective bidders for the aforementioned tenders were held on 17/01/2017 as per schedule.

Various firms participated on different tenders. (Copies of attendance sheet is enclosed).

Few Firms raised their concern on some technical issues on various equipment, which were discussed in detail by the committee and the committee proposed the following changes/amendments in the tender specifications of various items as listed below.

MULTIMODE PLATE READER : TENDER No. RCB/ATN/14/16-17

System should be upgradable to Alpha screen/Alpha LISA detection module

Point number 13 b. System should be capable of detection of fluorescein and FAM labels or more

Following item if available should be quoted optionally along with main unit.

- Integrated microplate lid lifter
- Temperature control option for cooling down

ULTRA LOW TEMPERATURE DEEP FREEZER: TENDER No. RCB/ATN/05/16-17

Point number 4: 545 L above and should hold at least 25 racks with 400 boxes of 2 inch high to accommodate approximately 40000 vials or more.

Point number 5: Should have four or more insulated inner doors.

Point number 21: Must be supplied with minimum 15 stainless steel racks along with approximate polycarbonate box for 2 inch cryo vials.

SPECIFICATIONS FOR -20 °C UPRIGHT DEEP FREEZER FOR LABORATORY USE : **TENDER No. RCB/ATN/06/16-17**

Point number 6: Should use CFC free refrigerant.

SPECIFICATIONS FOR 4 °C UPRIGHT DEEP FREEZER FOR LABORATORY USE : **TENDER No. RCB/ATN/07/16-17**

Point number 6: Should use R600A as refrigerant.

Specifications for CO2 cell culture incubator : Tender No. RCB/ATN/04/16-17

Point number 5. The incubator inner door gasket should be removable for convenience and to support stringent cleaning protocols, Incubator must have 6 to 8 split inner glass doors.

Point number 9. The incubator should have humidity upto 95%, for flexible applications.

Point number13. The incubator should have an automatic electronic start up function, with auto-zeroing capability or any other method of proper calibration without manual measurement and adjustment, prior to use.

Point number 17. The water reservoir should be internal or external to the chamber so as to facilitate easy refilling.

Point number 25: Three year comprehensive warranty on the whole unit and 7 year warranty on IR sensors.

Ultra Centrifuge: Tender No. RCB/ATN/13/16-17

Instead of Opti seal polypropylene Tubes or Quick seal polypropylene Tubes it should be read as Seal Tubes.

Chemi-doc System : Tender No. RCB/ATN/18/16-17

Touch screen should be 10 inch or more.

Image area should be 21cm X16.8 (WxH) cm or more.

Data output format should be 16 bit/8 bit: Tiff /JPEG or both/

Branded computer with i7 processor 1TB hard disk and 4 GB RAM with suitable graphic card and 24 inch more LED display should be part of data processing computer.

BIOLOGICAL SAFETY CABINETS : TENDER NO RCB/ATN/17/16-17

Point number 2: Cabinet should have internal dimension (WxDxH) approximately 1210x570x650 mm, with usable work area of 4.0 square feet.

INVERTED MICROSCOPE WITH DIGITAL IMAGING ATTACHMENT : TENDER No. RCB/ATN/10/16-17

Imported Microscope with infinity corrected optical system. On-site upgradable to 2 to 4 potion epifluorescence attachment with LED or 120/130 watt mercury/metal halide illuminator to mount 2- 4 fluorescence filter at a time.

Objectives: Along with other objective Long working distance fluorite/semi Apochromatic phase 40 X (NA 0.60 or higher,W.D. 2.8 -3.6mm or higher) should be included.

Optional: Long working distance Fluorite/Semi Apochromatic 60X (NA 0.70 or higher, W.D. 1.5 - 2.2 mm or higher) should be quoted as optional item.

Tender Specifications for Rotarod(RCB/ATN/19/16-17)

Rota rod instrument will be used for motor coordination function assay in rodents model

The system must have following specifications:

1. Speed- 4 to 40 RPM or more
2. Resolution- 1RPM
3. Acceleration Increments: 0.1 RPM per second to 20.0 RPM per second
4. Same instrument can be used for mice as well as rat with separate drums for each species.
Drums must be electronically controlled.
5. Minimum four lanes. Sensor must not require any adjustment and use magnetic sensing switches.
6. Software for data collection
7. Data Recorded: Running duration, Rotarod speed at time of fall, distance travelled
8. Easy replacement of rotor
9. Suitable laptop(Core i7, Windows 10 and 8GB RAM,HDD 500GB) and Software for data collection should be quoted
10. Should have at least 5 satisfactory installations in National/International academic institutions or Universities. Bidder MUST PROVIDE user satisfaction letters from the Institute/University as mentioned
11. 3 years onsite warranty
12. Additional accessories for mice and rat should be included

Technical Compliance sheet for rota rod for motor coordination

(Bidder must submit this filled document along with *TECHNICAL BID* only)

Discrepancies of information in the compliance sheet will lead to tender rejection

Rota rod instrument will be used for motor coordination function in rodents.

Sl.No	Item descriptions	Please mentioned if quoted: Yes/No	Please provide the technical detail of the items	If yes, please mention page number and location of item in the brochure or specification sheet from manufacturer
	SPECIFICATION			
	Speed (4 to 40 RPM) or more		Speed--RPM to --RPM	
A	Resolution (1RPM)		Resolution: ---RPM to ---RPM	
B	Acceleration Increment(0.1 RPM to 20 RPM)		Acceleration Increment: ---RPM to ---RPM	
C	Multipurpose Same instrument can be used for mice as well as rat with separate drums for each species. Minimum 4 lanes Sensor must not require any adjustment and use magnetic sensing switches Additional accessories for mice and rat should be included.(Optional		Yes/No Yes/No, lane no.— Yes/No Yes/No	
D	Computer and software Suitable Laptop (core i7, windows 10, 8GB RAM, HDD 500GB)(Optional) Data Recorded: Running duration, Rotarod speed at time of fall, distance travelled			
E	Installations Should have at least 5 satisfactory installations in National/International academic institutions or Universities. Bidder MUST PROVIDE user satisfaction letters from the Institute/University as mentioned		List of user: User certificate attached:	
F	GUARANTEE/WARRANTEE PERIOD THE TENDERERS MUST QUOTE FOR 3 YEARS COMPREHENSIVE WARRANTY (INCLUDING ALL SPARES, ACCESSORIES AND LABOR) FROM THE DATE OF COMPLETION OF THE SATISFACTORY INSTALLATION. THE WARRANTY CHARGES SHALL NOT BE QUOTED SEPARATELY, OTHERWISE THE OFFER SHALL BE SUMMARITY REJECTED.			

Note: (a) A detailed specification sheet / brochure along with detailed experimental conditions substantiating all claims in response to above specs must be attached from original manufacturer. Also the same must be demonstrated onsite at the use lab during the time of complete installation.

(b) All chemicals/Consumables required for functional installation of the system of each application must be supplied at the time of installation.

For remaining tenders there is no change of specifications and terms & conditions.