

जीव विज्ञान संस्थान



INSTITUTE OF LIFE SCIENCES
(An Autonomous Institute of Department of Biotechnology, Govt. of India)
NALCO SQUARE, BHUBANESWAR-751 023

Corrigendum 1

No.: No. IV-302-S&P/GT/Online/SE/2753/ 2018-19/ILS, dated 30.11.2018

Global Online Tender Notice No. IV-302-S&P/GT/Online/SE/2753/ 2018-19/ILS, dated 30.11.2018

Supply, Installation & Demonstration/Commissioning of Scientific Equipment/ Goods/ Item(s)

The specifications of the following equipment of the above online Tender are modified as follows:

Sl.	Item sl. of tender	Modified specification
1	3	<p>FLOOR MODEL ULTRACENTRIFUGE:</p> <p>The ultracentrifuge should have the following control specifications</p> <ol style="list-style-type: none"> Maximum RCF (x g) or RPM 800,000g or 100,000 rpm or more Speed Control: ± 2 rpm of set speed Set Temperature: 0 to 40°C in 1°C increments Temperature Control: $\pm 0.5^\circ\text{C}$ of set temperature Temperature display: Actual rotor temperature Touch-screen display with adjustable positions Noise levels 51DbA or less at running condition Electrical Requirements: 200–240V, 30 A, 50/60 Hz Consumables and centrifuge tubes that support the max configuration (RPM and G force) of the rotors. The company should provide 1 pack each of consumable and tubes deemed suitable for the supplied rotors Drive Cooling: Air-cooled Ability to remove moisture with vacuum 5 yr comprehensive warranty At least 3 free checkups and routine maintenance of the centrifuge should be done each year during the comprehensive warranty period. The instrument should be supplied along with a very high quality voltage stabilizer. In-built Imbalance tolerant drive Factory trained engineers for application support with training facility in the country and application lab in India for efficient after sales support All safety precautions for the protection of end-user, the lab as well as the centrifuge should be an in-built feature. All in-built safety aspects of the equipment should be clearly specified in the quotation <p>With the following rotors</p> <p>Fixed Angle Rotors:</p> <ol style="list-style-type: none"> Capacity: Approximately 8 x 36-38 mL or more with 429,000 x g or 65,000 rpm or more with availability of tubes that sustain the maximum g-force of the specified rotor and desirable to also have reusable and autoclavable tubes for the same Capacity: Approximately 8 x 12.5-13 mL or more with 690,000 x g or 90,000 rpm or more with availability of tubes that sustain the maximum g-force of the specified rotor and desirable to also have reusable and autoclavable tubes for the same <p>Swinging Bucket Rotor:</p> <ol style="list-style-type: none"> Capacity: Approximately 6x 13.2ml or more with 41000 rpm or 280,000 x g or more with availability of tubes that sustain the maximum g-force of the specified rotor and desirable to also have reusable and autoclavable tubes for the same Capacity: Approximately 6x 36 ml or more with 29000 RPM, 151,000 x g or more with availability of tubes that sustain the maximum g-force of the specified rotor and desirable to also have reusable and autoclavable tubes for the same
2	4	<p>Programmable Crystallization Incubator: Capacity in the range of 200 to 400 Litres</p> <p>Inside of the incubator made of shock resistant material, Vibration-free operation for protein crystallization plate incubation, Temperature range - covering at least 5 to 40 degree C range</p> <p>Temperature accuracy $\pm 0.5^\circ\text{C}$, High/Low Temperature alarm, 5 shelves (if less than 5, there shall be an option to add shelves & include that in quote), Air cooled refrigerating system with CFC free refrigerant or a Peltier cooling system, Provision for non-heating light in the chamber with external switch</p>

Specifications of all other items except the above modifications, other terms & conditions of the above Global Online Tender remain unchanged.

Sd/-
Stores & Purchase Officer