



Dr. Nachiketa Bandopadhyay  
Registrar

**Sidho-Kanho-Birsha University**  
Ranchi Road, PO - Sainik School  
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Ref.No- F0/540/SKBU/18

Dated: 6/6/2018

## **Sidho Kanho Birsha University**

### **Department of Zoology**

Sealed Tenders are invited for the supply of the following LAB Instruments for the project entitled "Exploring the use of plants as galactagogues by tribal population of Purulia and West Midnapore district and their validation" sanctioned to Dr. Surjyo Jyoti Biswas PI, Associate Professor, Department of Zoology, SKBU, Purulia from DST scheme [261(Sanc.)/ST/P/S&T/1G-59/2017].

Tender should be submitted to **Dr. S. J. Biswas, Room: 302, Department of Zoology, Sidho Kanho Birsha University, PO: Sainik School, Ranchi Road, Purulia-723 104. Last Date of submission: 14/6/2018 12.00 Noon**

1. The categories of items and quantity indicated in the Tender Document are tentative. SKB University (SKBU), however, reserves the right to increase or decrease the quantity or delete some or all of the items depending on the needs of the SKBU and availability of funds without assigning any reasons.
2. The bidder should indicate specifically the Basic Price, Taxes, GST, Entry tax, other duties (if any), and levies chargeable quantitatively against each item. University will assist to have way bill (if necessary) but the pay will be borne by the bidder. University having valid Central excise duty exemption certificate issued by DSIR, New delhi..No additional information will be entertained after due date. SKBU may reject tender if they do not carry such information separately and specifically quantitatively.
3. The bidder should clearly indicate the delivery period and validity period of tender.
4. The bidder should clearly indicate the availability of service and maintenance facilities at Purulia for the items quoted.
5. The bidders are required to quote for each item separately in terms of basic price and all other charges. SKB University reserves the right to reject any or all tenders without assigning any reason whatsoever.
6. No advance payment or payment against Performa invoice will be made. Payment will be made after receipt, inspection, and installation/testing.
7. All damaged or unapproved goods shall be returned at the bidder's risk and cost and the incidental expenditure thereupon shall be recovered from the concerned party. On acceptance of tender, the date of delivery should be strictly adhered to otherwise, the SKB University reserves the right not to accept the delivery in full or in part. In case the order is not executed within the stipulated period, the SKB University will be at liberty to make purchases through other sources.
8. Payment of bill will be made through by crossed account payee Cheque or electronic payment (NEFT) only after delivery and successful installation of each of the items.
9. Delivery Schedule: The Company shall be able to deliver the required items within 30 days of the receipt of order. Delivery/Installation is to be done at Purulia, West



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Bengal.

10. Warranty : All the products must carry minimum one year comprehensive warranty. The products asked for should be of very high standard and of mentioned brand.
11. Liquidated Damages : The Company shall be liable to indemnify the SKB University in all respects and meet and pay off the litigation expenses and all the liabilities including damages, sums etc. arising out of and as a consequence of the negligence, deficiencies, mistakes, lapses, delays etc. in the execution of the various jobs and the services provided. The company should ensure quick back up response in case of equipment failure which should be replaced if needed within 48 hours of the distress call.
12. Payment: There is no provision for making advance payment to the Company. However, the running bills for the jobs completed can be submitted by the company and will be cleared for payment within reasonable period.
13. Purchase Order: The purchase order for the entire quantity can be placed either in one lump sum or as per the requirement through repeat order subject to availability of fund of the required items. The quantity shown is tentative and may increase or decrease.

Sl No	Specifications	No required	Quantity
1.	Magnetic stirrer	1	Max capacity 5L with hot plate, ceramic top, speed range 100 to 1000rpm, temperature range 50 to 500°C, top should be of ceramic type, Amp-4.7 and Watt 1115.
2.	Incubator	1	Ovens should be suitable for any laboratory application requiring controlled temperature environment, heaters should be SS tubular, Abrasion resistance and durable finish. Should have Epoxy coating on steel exterior, must be rust proof and efficient stainless-steel wire mesh, Must be 3 shelves. High quality non-rusting hinges and must have Good control accuracy with the PID temperature Controller cum Timer, temperature range 50 to 180°C, inner dimension 450x450x450mm, approx. should be of 91 L.
3.	Gel Electrophoretic Apparatus	Power pk 1 Mini Sub 1 Mini Ver- 1 Voltage	1. Power pack,  Mini Submarine electrophoresis unit and its all accessories,  Mini Vertical Dual Electrophoresis unit with all accessories and with Stabilizer



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		stabilizer-1	
4.	Transfer Apparatus	1	Mini Dual Western Blotting System with power pack, Dimensions: 16cm(L) x 12cm(B) x 13cm(H) , No. Of Cassettes: 2 (8 x 7cm gel), Buffer Volume: 700ml Complete unit should consists of, Basic unit with platinum electrode , Gel cassette (2 Sets, Filter pad (Pack of 12) , Cushion pad (Pack of 12) , Heat exchanger (1 No.) ,Power cord and Lid (1 No. each)
5.	Cooling Centrifuge	1	Full digit display for ease of programming, should maintain constant 4°C at max. speed, Window in the lid to check inside, Maximum Rotational Speed $\geq 14000$ rpm, Relative centrifugal force (rcf) $> 16800 \times g$ , Temperature Range 0 to +40°C, Timer: 30s to 9h, continuous. Should have function for rapid cooling of centrifuge. Rotary knob for quick setting of time and speed and Rotor lid and rotor bowl must be metallic, not plastic. Facility to close the rotor lid faster by less than half turn rotation and should have dynamic compressor control technology to maintain temperature precisely. Should have low noise level $< 50$ dba. Compressor should shut down automatically after non-use of 7 to 9 hrs., Should have inbuilt condensation drain in the chamber. Access height $< 25$ cm. Should have separate button for fast and short spins, IvD (invitro diagnostics Compliance).  Fixed angle rotor for 18 x 1.5/2ml tube with quick lock aerosol tight lid. Lid closure by soft touch only, should have good number of installation base in and around
6.	Mixer grinder	One set	Should have Voltage: 230V; Wattage: 750W, i) Motor type- 750 W ii) 3 Stainless Steel Jar i) Flow Breaker design ii) 5 multipurpose blades iii) 5year warranty on Motor Troubleshooting i) Jar safety lock to ensure safety ii) Operating noise levels between 80-90 dB. Product Dimensions should be around: 18cm (Length)x21cm(Width)x25cm(Height) Weight: 2.5kg

*N. Bandopadhyay*  
s/d Registrar  
SKBU

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Purulia