



BANKURA UNIVERSITY

(West Bengal Act XIX of 2013- Bankura University Act, 2013)

Main Campus, Bankura Block-II, P.O.: Purandarpur, Dist.:

Bankura, Pin- 722155, West Bengal

Office of the Registrar

No: RO/BKU/ 06 /2022

Date: 07/01/2022

Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers and Vendors for procurement of Various Instruments for the project titled “Synthesis and Photophysical Properties of Multifunctional Ruthenium (II) and Osmium (II) Complexes of Bi- and Tridentate Ligands: Visible Light- Harvesting and Sensory Applications”. (FILE NO- SRG/2020/001020 dated 7th December 2020) of Dr. Ram Chandra Maji, Assistant Professor, Department of Chemistry, Bankura University.

The quotations are to be submitted to the Registrar, Bankura University, Bankura Block-II, P.O.- Purandarpur, Bankura, Pin- 722155. Last date of submission of quotation is on 17.01.2022 up to 3.00 p.m.

Eligibility criterion of participation in the tender:

- Bonafide, resourceful and reliable Vendors.
- An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Government Department.
- Subletting of suppliers is strictly prohibited.
- The prospective bidders must have valid upto date clearance of Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / **GST registration certificate**.
- The prospective bidders must have valid Trade License/ Enlistment.
- The authorised Dealers/ Vendors must have authorization certificate of dealership.
- The suppliers who have been delisted or debarred by any government department shall not be eligible in any way.
- Past performance for vender will be judged (please attached three largest clients other than the Bankura University).
- Rate is to be inclusive of all taxes and transport charges etc.
- The rates will be valid upto 31.03.2022.
- The University reserves the right to accept or reject any quotation without assigning any reason whatsoever.

Details of the non-recurring items are given below:

Statement showing the Name, specifications and quantity of the items

Sl. No.	Name of the Items	Specifications	Quantity
1	Schlenk line system with nitrogen cylinder and vacuum pump	<i>The whole system must have the following parts.</i> <i>Quantity of the parts have shown in the right side bracket</i> (i) Schlenk line 4 line, Double Bank, High Vacuum Double Oblique Bore Glass Stopcock (01 No.) (ii) Adapters (04 No.) (iii) Glass Cold Trap (01 No.)	01 No. complete setup

		<p>(iv) oil bubbler (02 No.) (v) Dewar flask (01 No.) (vi) Jack S/S, 8" x 8" (01 No.) (vii) Silicon tube for Vacuum 16 mm (as much required for installation) (viii) Silicon tube 8 mm (as much required for installation) (ix) Schlenk Flask, stopper size 19/26 with Teflon Stopcock, 250 ml (01 No.) (x) Schlenk Flask, stopper size 19/26 with Teflon Stopcock, 100 ml (02 No.) (xi) Schlenk Flask, stopper size 19/26 with Teflon Stopcock, 50 ml (02 No.) (xii) Solvent still head, Standard Taper Joints with 2mm T-bore PTFE stopcock, ground joint 24/29, 500 mL (01 No.) (xiii) Nitrogen cylinder, 42 L filled (02 No.) (xiv) High Pressure Gas Regulators (01 No.)</p> <p>**Note: <i>VENSIL, Borosil, borosilicate, glassware will be preferred</i></p> <p>(xv) Oil Vacuum pump (01) Specifications of Oil Vacuum pump: Oil Capacity: 3 Lts Electrical: 3P 380-440 V (50 Hz) Nominal Pumping Speed: 34.7(500) m³/hr (L/min) @50 Hz Ultimate Vacuum Gass Blast Closed: 1x10 Power -3 (7.5x 10 Power -4) mbr (Torr) Ultimate Vacuum Gass Blast Open: 5x10 Power -3 (3.75x 10 Power -4) mbr (Torr) Pump Rotational Speed at No Load: 1440 rpm @ 50 Hz Maximum Nominal Power Rating: 1.1 kW 1.5 Hp Intel Connection: KF25 flanges Outlet Connection: 15 mm Nozzle OD Ultimate Pressure: 0.001 mbar</p> <ul style="list-style-type: none"> The Cost of the equipment should be inclusive of all taxes and installation charges 	
2	Vacuum Oven	<p>Specifications: Size : minimum 24" × 18" × 18" Insulation: Mineral Wool/ Glass wool Material Stainless Steel No. of shelves: minimum 2 Usage/Application: Laboratory Temp. Range: Up to 200°C Type: Dry Heat Sterilizer Chamber Design: Rectangular Temperature controller: Digital Temperature Controller Sensor type: PT100 Ports: Vacuum port, Inert gas port and Vent port</p> <ul style="list-style-type: none"> The Cost of the equipment should be inclusive of all taxes and installation charges 	01 No

3	Magnetic stirrer with hot plate	<p>Make: REMI/2MLH Type of Product : Stirrers with Hotplate Max. stirring quantity (Water)(Liters) : 2 Ltr PTFE Magnetic Stir Bars White Colour, Olive Shape, (8mm×20 mm): 02 No PTFE Magnetic Stir Bars (12mm×35mm) Olive Shape: 01 No</p> <ul style="list-style-type: none"> The Cost of the equipment should be inclusive of all taxes and installation charges 	01 No
4	Magnetic stirrer with hot plate	<p>Make: REMI/ 2MLH Type of Product : Stirrers with Hotplate Max. stirring quantity : 2 Ltr PTFE Magnetic Stir Bars White Colour, Olive Shape, (6mm ×10mm): 02 No</p> <ul style="list-style-type: none"> The Cost of the equipment should be inclusive of all taxes and installation charges 	01 No
5	Recirculating Chiller for Rotary Evaporator	<p>Temperature control: from -10°C (or lower) to room temperature Bath volume should be 3 L or more. Flow rate should be 17 L per minute. Display resolution should be 0.1°C and stability of 0.5°C.</p> <ul style="list-style-type: none"> The Cost of the equipment should be inclusive of all taxes and installation charges 	01 No

Sd/-
Prof. Subir Kumar Roy
Registrar (Addl. Charge)
Bankura University

Memo No. RO/BKU/06/1(5)/2022

Date: 07 /01/2022

Copy Forwarded to:

1. The Finance Officer, Bankura University.
2. System Administrator, Bankura University with a request to upload the notice in the university website
3. Central Store, Bankura University
4. Office Notice Board.
5. Guard file

Sd/-
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Registrar (Addl. Charge)
Bankura University