



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/570/2021

Date: 08/12/2021

Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers and Vendors for procurement of Equipment, Computer Workstation system etc. 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 18.12.2021 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 authorized 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, transport charges and installation 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.

Detail specifications are given below:

Statement showing the Name, Specifications and quantity of the following items

Sl. No.	Name of the Item	Specifications	Quantity
01	Analytical balance 4 digit	Make: METTLER TOLEDO Model: ME204E Capacity--220g Readability---0.1mg Pan Size----90mm	01 No.

		Calibration: internal—automatic (motorized)	
02	Computer Workstation System	<p>Make & Model - HP Z4 G4</p> <p>Processor: Intel Xeon W-2225 4.1GHz 2933MHz 4C 105W CPU</p> <p>Chipset: Intel C422</p> <p>RAM: 64GB (2x32GB) DDR4 2933 DIMM ECC Registered WW Memory</p> <p>BIOS: BIOS of the Workstation to have tool for Enhanced security features like self-healing, regular checks.</p> <p>Drive Controllers: Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)</p> <p>Hard Disk: 256GB M.2 2280 PCIe NVMe TLC Solid State Drive with 2 TB 7200 RPM SATA 3.5in</p> <p>Optical Drive: 9.5mm Slim SuperMulti DVD Writer</p> <p>Graphics Card: NVIDIA Quadro P2000 5GB (4)DP GFX</p> <p>Bays: 2 x External 5.25''</p> <p>2 x Internal 3.5''</p> <p>2x M.2 PCIe x4 Gen3 Slot for SSDs</p> <p>Slots: 2 x PCIe x16 Gen3</p> <p>1 x PCIe x8 Gen3</p> <p>2 x PCIe x4 Gen3</p> <p>All PCI Express slots should be open-ended.</p> <p>Security: BIOS controlled electro-mechanical internal chassis lock for the system.</p> <p>Ports: Front : 4 USB 3.1, 1 Headphone, 1 Microphone</p> <p>Rear : 4 USB 3.1, 2x RJ-45 integrated Gigabit LAN (1x supporting Intel AMT), 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone</p> <p>Keyboard and Mouse: Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation</p>	01 No.

		<p>Audio: High Definition Integrated Audio with Internal speaker.</p> <p>Power Supply: Minimum 750 Watts, active Power Factor Correction, 90% Efficient Power supply</p> <p>EPEAT Silver certification or Higher for the system model. Power supply should support standalone self test.</p> <p>Chassis: Tool less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable</p> <p>Operating System: Windows 10 Professional for Workstations. System should be certified for running RHEL and SLED.</p> <p>Remote Collaboration Software: Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system.</p> <ul style="list-style-type: none">- It should allow collaboration between multiple participants on an OpenGL 3D or DirectX applications.- It should support One to One for remote work and One to many for collaboration with keyboard and mouse control.- Application should be stateless and should not transfer actual data over the network.- Pixel information or images should be 128 SSL encrypted.- Should work on both Linux and Windows, and should be inter-operable. <p>Additional Software:</p> <ol style="list-style-type: none">1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows.2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilization (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards.	
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		<p>3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.</p> <p>Display: Display size : 60.45 cm (23.8") , Display type : IPS , Resolution (maximum) : FHD (1920 x 1080 @ 75 Hz)</p> <p>Warranty: 3 years onsite parts and labor warranty for system and monitor</p> <p>Vendor Status: The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.</p> <p>Dust Filter : OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be connected into the workstation</p> <p>Power Supply : Numeric Make : 2000 VA /1200 Watts , 10-15 minits backup , warranty for 2 years with UPS & Battery</p> <p>Printer: Network Laser Printer, model: HP M136nw or higher version, Printer Output - Black & White.</p> <p>Document: Tender specific authorization from manufacturer is required.</p>	
3	Heating Mantel	Capacity: 250mL Temperature range: up to 350°C or more	01 No.
4.	Heating Mantel	Capacity: 1000 mL Temperature range: up to 350°C or more	01 No.
5.	Heating Mantel	Capacity: 2500 mL Temperature range: up to 350°C or more	01 No.

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

Memo No. RO/BKU/ 570 /2021

Date: 06/12/2021

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