



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/ 476 /2021

Date:26/10/2021

Tender Notice

Sealed quotations are invited from the reputed Manufacturers, Suppliers and Vendors for supply of Equipments and installation of the same for two Smart Classrooms in Bankura University. **The Project will be executed on turnkey basis.**

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 01.11.2021 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 30.11.2021.
- The University reserves the right to accept or reject any quotation without assigning any reason whatsoever.
- The entire project will be completed within 7 days from the date of issuance of work order.**

Detail specifications for the Smart Classrooms are given below:

Statement showing the Specifications of the following items for 2 nos. of Smart Classrooms

Sl. No.	Name of the Item	Specifications	Quantity
1.	Projector	<ul style="list-style-type: none">Type: WXGABrightness: 3300 LumensContrast Ratio: 15000:1Optical Zoom: 1.5x30 bit-1 BN True Color/ NVIDIA 3DTV PlayHDMI PortVGA PortAudio: 2W SpeakerLamp life - upto 10000 hoursMake- Sony/Epson/Hitachi	2 Nos

2.	Touch kit	<ul style="list-style-type: none"> Eyeris Interactive Kit for White board 	2 Nos
3.	Ceiling Mount Kit/Wall mount kit	<ul style="list-style-type: none"> Universal ceiling mount kit 	2 Nos
4.	High Quality Speaker	<ul style="list-style-type: none"> 2 Way column speaker 3 mm extruded aluminium Transducer: 1 x1" dome tweeter Transducer Complements: 4x2" woofer Cross Frequency: 6 Khz Front Cabinet: Aluminium make Sensitivity: 89dB Frequency Range: 180 Hz. To 20 KHz. @ - 10 dB Direct mode or better Frequency Response: 250 Hz. To 6 KHz. @ - 3dB Direct mode or better Rated Power: Minimum 110 dB @ 30 Watt Nominal Impedance: 8 Ohms Power Taps @ 100V: 7.5W, 15W, 30W,60W Make: Bose/ Sony/Philips/ Sonodyne 	2x2 =04 Nos
5	Power Amplifier	<ul style="list-style-type: none"> Power: minimum 250 Watts Frequency response: 50hz - 15khz (\pm 3db) @ 100v Input connections: Transformer balanced input with male and female XLR input/output sockets Power output: 250 watts RMS into 100- & 70-volt line/ 4 ohms Outputs: 100 & 70 volts/4-ohm speaker outputs via I/O barrier strip. Line out to feed additional power amplifiers available from one of the paralleled XLR inputs Controls: Power switch, Input attenuator Protection: through built in cooling fan with temperature sensor Indicators of Amplifier status: power on, output meter; mains fail, High temp trip etc. Signal to noise ratio:-82db or better Input sensitivity: Max 300mv (set @ 1v) Input impedance: 10 KOhm or better THD: less than 0.5% @ 1khz; Distortion at max power: 0.7% or better Power source AC: 200V to 250V - 50hz Form Factor: Rack mount 2U Make: Bose/Australian Monitor/Precision Audio/AtlasIED 	2 Nos
6.	Wireless UHF Microphone	<ul style="list-style-type: none"> Wireless UHF Microphone both livelier type and handled type Receiver's audio frequency response 42hz to 516MHz (-3 dB) Transducer Principal: Dynamic Pickup pattern: Cardioid Switching Bandwidth: 823 ~ 865MHz / 865~867MHz / 626~668MHz etc. Sound pressure label (SPL): 85dB to Max 154dB Audio output: 6.3 mm jack socket (unbalanced): +12 dBu XLR socket (balanced): +18 dBu 	4 Nos

		<ul style="list-style-type: none"> • Signal to Noise Ratio: ≥ 105 dBA or Higher • Total Harmonic distortion: 0.9% or higher • Frequency stability: $\leq \pm 15$ ppm • Working distance: > 200ft THD @ $\leq 0.9\%$, • Microphone's AF frequency response 40-18,000 Hz 	
7.	Desktop	<ul style="list-style-type: none"> • Processor – 10 gen i3 processor, minimum 3.10 GHz Base Frequency, 12MB Cache, 6 core or higher • Chipset - OEM logo embossed (No Paint and No sticker) motherboard • Hard Drive - 1 TB HDD 7200 RPM • Memory: 8 GB DDR4 • Optical Disk Drive: DVDRW • I/O: Minimum 3 PCI/PCIe slot including 1 PCI, 2x M.2 slot, Min. 8 USB Port, one RJ 45 port, 1 VGA Port & 1 HDMI and Audio line in and out both port, Integrated speaker in CPU, Same OEM Make USB Keyboard and Mouse • SMPS - Power supply Min. 180W with active PFC minimum 90% efficiency • Operating System - Genuine Windows 10 Professional • Security - Security for Inbuilt Pre-Boot BIOS Diagnostics, TPM (Firmware) • Certification - ISO 9001,14001, ISO 27001 for OEM, TCO 8.0 certification for Monitor Energy star 7.1, EPEAT Certified, ROHS and UL certificate. • Monitor - 19.5", 1600x900 or higher LED backlit with VGA, HDMI input • Warranty – 3-years onsite warranty. 	2 Nos
8.	White Board	<ul style="list-style-type: none"> • 6'x8' white board 	2 Nos
9.	Cables, Connectors, other accessories and installation of full set up	As per requirement	

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

Memo No. RO/BKU/ 476 /01(05)/2021

Date: 26/10/2021

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