



# 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/ 476/2025

Date: 04/08/2025

### Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers and vendors for extension of EPABX intercom system for Bankura University. **The work will be considered as a turnkey project.**

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 11.08.2025 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, transport charges and installation.
- The vendor will be selected on turnkey basis.
- The rates will be valid upto 31.12.2025.
- The University reserves the right to accept or reject any quotation without assigning any reason whatsoever.

**Detailed specifications of the items are given below:**

Sl. No.	Item Name	Specification	Quantity
1.	Telephone Set	<b>Type:</b> Corded / Cordless Landline Telephone <b>Display:</b> 7 to 12-digit LCD screen for Caller ID <b>CLI Support:</b> DTMF & FSK (Dual Mode) <b>Memory:</b> Stores last 10-30 received/missed calls (varies by model) <b>Keypad Type:</b> Soft-touch / Rubber keys <b>Mounting:</b> Desktop or Wall Mount	16 unit

2.	<b>2 Pair Cable (HFCL/Finolex/STL)</b>	<b>Conductor:</b> Electrolytic grade annealed tinned copper <b>Conductor Diameter:</b> 0.5mm (Typical) <b>Insulation:</b> High-density polyethylene (HDPE) <b>No. of Pairs:</b> 2 (4 cores) <b>Color Code:</b> As per standard telephone cable color coding <b>Shielding:</b> Unshielded / Optional shielding available <b>Sheath:</b> PVC outer jacket <b>Operating Voltage:</b> 300V <b>Impedance:</b> 100 ± 15 ohms <b>Capacitance:</b> ≤ 56nF/km	As per requirement
3.	<b>Insulation Displacement Connection</b>	<b>Type:</b> 10-Pair IDC module <b>Material:</b> Flame-retardant plastic housing with phosphor bronze contacts <b>Mounting:</b> DIN Rail / Back mount frame / Distribution Box <b>Termination Type:</b> Insulation Displacement Connection (IDC) <b>Contact Life:</b> ≥ 200 reterminations <b>Wire Compatibility:</b> 0.4mm to 0.8mm conductor diameter <b>Insulation Resistance:</b> > 1000 MΩ at 500V DC <b>Operating Temperature:</b> -10°C to +60°C <b>Standards Compliance:</b> IEC 60352-4, RoHS Compliant	4 unit
4.	<b>IDC module insulation Box</b>		04 unit
5.	<b>EPABX Configuration</b>	<b>System Setup</b> <ul style="list-style-type: none"> <li>Assign <b>extension numbers</b> for users (e.g., 100- 199 for Sales, 200-299 for Support).</li> <li>Configure <b>trunk lines</b> (PSTN, PRI, VoIP, GSM) for external connectivity.</li> </ul> <b>Call Routing &amp; Permissions</b> <ul style="list-style-type: none"> <li>Set <b>incoming call routing</b> (direct to IVR, operator, or specific extensions).</li> <li>Define <b>outgoing call restrictions</b> (local, STD, ISD, mobile call limits).</li> <li>Configure <b>Least Cost Routing (LCR)</b> to select the cheapest call route.</li> </ul> <b>Call Handling Features</b> <ul style="list-style-type: none"> <li>Enable <b>call forwarding, transfer, and conferencing</b> options.</li> <li>Set up <b>IVR (Auto-Attendant)</b> for automated call handling.</li> <li>Configure <b>Do Not Disturb (DND)</b> and call waiting features.</li> </ul>	

		<b>Security &amp; Access Control</b> <ul style="list-style-type: none"> <li>• Enable <b>PIN-based dialing</b> for restricted calls.</li> <li>• Secure <b>VoIP trunks</b> using encryption (SIP TLS, SRTP).</li> <li>• Set <b>auto-lock on inactive extensions</b> to prevent misuse.</li> </ul> <b>VoIP &amp; Remote Connectivity</b> <ul style="list-style-type: none"> <li>• Configure <b>SIP trunks &amp; softphones</b> for remote access.</li> <li>• Enable <b>mobile extension (One Number Reach)</b> for on-the-go connectivity.</li> </ul> <b>Call Logging &amp; Monitoring</b> <ul style="list-style-type: none"> <li>• Set up <b>call recording</b> for compliance and training.</li> <li>• Enable <b>live call monitoring &amp; reports</b> for analytics.</li> </ul> <b>Backup &amp; Power Settings</b> <ul style="list-style-type: none"> <li>• Ensure <b>redundant power supply &amp; battery backup</b>.</li> <li>• Configure <b>failover trunk settings</b> for uninterrupted calling</li> </ul>	
7.	<b>Fittings and Other required Accessories</b>	<b>As per requirement</b>	

**Sd/-**  
**Dr. Saurabh Dutta**  
**Registrar (Addl. Charge)**  
**Bankura University**

Memo No. RO/BKU/476/1(5)/25

Date: 04/08/2025

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/-**  
**Dr. Saurabh Dutta**  
**Registrar(Addl. Charge)**  
**Bankura University**

