Memo No: AC/403/19-20                                 Date: 02.12.2019

TENDER NOTICE

Sealed quotations are invited from reputed Supplier/Vendor to quote their possible rate for the supply, installation and delivery of Equipment’s & Sitting of Smart Class Room as per Annexure - I at School of Education, Academic Building, Kalyani Regional Centre, NSOU, Ghospara Station Road, Kalyani, Nadia-741 235, West Bengal subject to the following terms and conditions.

- **Last date for submission:** 10/12/2019 up to 4 PM.
- **Place of Submission:** Finance Department, 4th Floor, Netaji Subhas Open University DD-26, Sector-I, Salt Lake, Kolkata -700064
- **Contact No:** 7001120831,9836536396,9874136688, 9051162059

Tenders will have to be submitted in Two parts i.e. (i) Technical Bid and (ii) Financial Bid in separate sealed covers indicating (a) the type of bid (i.e. Technical Bid or Financial Bid), (b) name of the bidder, (c) Tender No. & date etc. Both these covers will have to be put together in a separate single sealed cover mentioning (a) name of the bidder and (b) Tender No. & date etc.

A. **Technical Bid:** The bidder is to provide the following documents in Technical bid:
   1. Details of the technical features of the items (brand name, model no., Specification & Picture, if any.)
   2. Authorization certificate of items from OEM for dealing in(if any).
   3. Details of nature and maximum period of Warranty offered by the Bidder, if any.
   4. Copy of PAN and/TAN of bidding authority are to be submitted.
   5. Copy of Trade License
   6. Copy of Challan for payment of Professional Tax
   7. Copy of Credential for supply of similar type of item to the Educational Institute/Government Office
   8. The Bidder is to fill in the Check List given in Annexure - III

B. **Financial Bid:** The bidder is to submit the Tender in the Format given in Annexur -II

C. University has reserved the right to cancel / withdraw the tender notice at any time without assigning any reason.

D. The sum of total of all items would only be taken into consideration to have the value of LOWEST QUOTATION and the Bidders is to quote all the items. Partial bidding will not be considered. Quantity of items to be supplied may vary at the time of order.

E. The Applicant bidders to participate in the bidding process are to fill in the following Formats given in the page No. 5 & 6 and Financial Bid as per Page No. 4.

Finance Officer
Netaji Subhas Open University DD-26, Sector -1, Salt Lake, Kolkata-700064

Sachindra Chandra Kar, Finance Officer, Email: sachindrakar@yahoo.in, Mobile No: 9432747119
Page 1 of 6
<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Item with Specification</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>High Quality Speaker</strong></td>
<td>6 Nos.</td>
</tr>
<tr>
<td></td>
<td>Transducer: Minimum 8” Full range</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enclosure: Industrial Fibre Glass (FRP)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Front Grill: Steel make</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Frequency Range: 180 Hz. To 8 KHz. @ -10 dB Direct mode or better</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Frequency Response: 250 Hz. To 6 KHz. @ -3dB Direct mode or better</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rated Power: Minimum 110 dB @ 30 Watt</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nominal Impedance: 8 Ohms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power Taps @ 100V: 7.5W, 15W, 30W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make: Bose/Sonodyne/DNH Speakers/AtlasIED</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td><strong>Power Amplifier</strong></td>
<td>1 Nos.</td>
</tr>
<tr>
<td></td>
<td>Power: minimum 500 Watts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Frequency response: 50hz - 15khz (± 3db) @ 100v</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Input connections: Transformer balanced input with male and female XLR input/output sockets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power output: 500 watts RMS into 100- &amp; 70-volt line/ 4 ohms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outputs: 100 &amp; 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</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Controls: Power switch, Input attenuator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Protection: through built in cooling fan with temperature sensor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Indicators of Amplifier status: power on, output meter; mains fail, high temp trip etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Signal to noise ratio:-82db or better</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Input sensitivity: Max 300mv (set @ 1v)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Input impedance: 10 KOhm or better</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THD: less than 0.5% @ 1khz;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Distortion at max power: 0.7% or better</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power source AC: 200V to 250V - 50hz</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Form Factor: Rack mount 2U</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make: Bose/Australian Monitor/Precision Audio/AtlasIED</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>Wireless UHF Handheld Microphone</strong></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Wireless UHF Handheld Microphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Receiver's audio frequency response 50 to 16,000 Hz (-3 dB),Dynamic Microphone,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Microphone's Frequency response: 50 to 16,000 Hz (-3 dB), THD @ ≤ 0.9%,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Microphone's AF frequency AF frequency response 80-14,000 Hz</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make: Sennheiser/Shure/AKG/SONODYNE</td>
<td></td>
</tr>
</tbody>
</table>

<p>|   | 12U Rack                              |          |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td><strong>1 No.</strong> with Clear glass lockable door, Skeleton frame, Left, Right &amp; Top panel, 2 RU Tray &amp; wheel set with power board and cooling fans. Make: Australian Monitor/Valrack/Netrack with Clear glass lockable door, Skeleton frame, Left, Right &amp; Top panel, 2 RU Tray &amp; wheel set with power board and cooling fans. Make: Australian Monitor/Valrack/Netrack</td>
</tr>
</tbody>
</table>
| 5   | **240 mtr** Speaker Cable and Conduit  
Size: 1.5 sq mm  
Core: 2 Core  
Conductor Material: Copper  
Current Rating: 45Amp  
Thickness of PVC Insulation: Minimum 0.8mm  
Thickness of PVC inner sheath: Minimum 0.4mm  
Should be ISI compliant  
Required 240 mtr (approx) |
| 6   | **1 No.** Interactive Projector  
3LCD system WXGA (1280 x 800)  
3300 (Normal), 2706 (Eco), 2244 (Eco-2)  
10,000:1  
4000 (Normal), 5000 (Eco), 6000 (Eco-2)  
Zoom Powered/Manual Manual Zoom – Ratio Approx. x 1.3  
Built-in  
Digital Zoom x 1.35  
Powered Focus |
| 7   | **1 No.** Podium  
- Goose Mic and Light  
- With 60W Amplifier  
- 1 Line input, 2 Mic input, 1 Line output, 1 Record output  
- With USB Port, LED display can show the music information of playing songs, with remote control function. |
### Annexur - II

Format for Submission of Quotation

<table>
<thead>
<tr>
<th>SL. No.</th>
<th>Item</th>
<th>Qty</th>
<th>Rate per Unit (Rs.)</th>
<th>GST per unit (Rs.)</th>
<th>Rate per Unit including GST (Rs.)</th>
<th>Total (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F=D+E</td>
<td>G=C x F</td>
</tr>
<tr>
<td>1</td>
<td>High Quality Speaker</td>
<td>6</td>
<td></td>
<td></td>
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<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>12U Rack</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Speaker Cable and Conduit</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Interactive Projector</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Podium</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total (Rs.)

---

Signature with Seal & Date:

Name of Signatory:

Name of Organization:

Mailing Address:

Mobile No of Contact Person:

Email Address of the Organization:
To
The Finance Officer
Netaji Subhas Open University
DD 26, Sector – 1, Salt Lake
Kolkata – 700064

Ref: Memo No: AC/403/19-20 Dated: 02-12-2019
Sub: Submission of Bid – Technical & Financial with reference to the above.

Sir,

As per guidelines given in the Tender Notice we are quoting the itemwise value and the total amount in the prescribed BOQ format in the Financial bid along with the Technical Credentials supported with relevant documents as applicable. We have read all the terms and conditions given in the Tender Notice and do hereby undertake to obey the rules and regulations of Tender.

With regards

Signature with Seal & Date:

Name of Signatory:

Name of Organization:

Mailing Address:

Mobile No of Contact Person:

Email Address of the Organization:

Sachindra Chandra Kar, Finance Officer, Email: sachindrakar@yahoo.in, Mobile No: 9432747119
### Annexure -III

#### Check List

<table>
<thead>
<tr>
<th>SL. No.</th>
<th>Particulars</th>
<th>Put Y if Yes/N if No, respectively</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>Copy of Credential for supply of similar type of item to the Educational Institute/Government Office</td>
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</tbody>
</table>

Signature with Seal & Date:

#### Enclosures:

| 1       | Details of the technical features of the items (brand name, model no., Specification & Picture, if any.                                                                                                                                                                                                                                         |                                    |
| 2       | Authorization certificate of items from OEM for dealing in.                                                                                                                                                                                                                                                                                   |                                    |
| 3       | Details of nature and maximum period of Warranty offered by the Bidder, if any.                                                                                                                                                                                                                                                                         |                                    |
| 4       | Copy of PAN and/TAN of bidding authority are to be submitted.                                                                                                                                                                                                                                                                                             |                                    |
| 5       | Copy of Trade License                                                                                                                                                                                                                                                                                                                                     |                                    |
| 6       | Copy of Challan for payment of Professional Tax                                                                                                                                                                                                                                                                                                            |                                    |
| 7       | Copy of Credential for supply of similar type of item to the Educational Institute/Government Office                                                                                                                                                                                                                                                     |                                    |
| 8       | filled in Check List given in Annexure - III                                                                                                                                                                                                                                                                                                              |                                    |