

## INVITATION LETTER

Package Code: TEQIP-III/WB/fetj/65

Current Date: 06-May-2019

Package Name: Equipment for Departmental smart class

Method: Shopping Goods

To,

### Sub: Invitation for Quotations for Supply of Goods

Dear Sir,

- 1) You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications as given at Annexure - I,

Sr. No	Brief Description	Qty.	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Equipment for Departmental smart class	11(Sets)	45	11 Departments of FET	Yes

- 2) Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.



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Kolkata-700 032

**3) Quotation:**

3.1. The contract shall be for the full quantity as described above.

3.2. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3. All duties and other levies payable by the supplier under the contract shall be included in the total price.

**3.4. Applicable taxes shall be quoted separately for all items.**

3.5. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6. If you require any "waybill" for transportation of goods to Kolkata, you have to apply in advance separately with a copy of Invoice enclosing a copy of order.

**3.7. The Prices should be quoted in Indian Rupees only.**

**4) Each bidder shall submit only one quotation for most suitable one for the item mentioned only, without any optional item.**

5) **Validity of quotation:** Quotation shall remain valid for a period not less than 45 days after the last date of quotation submission.

6) Evaluation of Quotations:

The Purchaser will evaluate and compare the quotations found to be substantially responsive i.e. which

6.1. are properly signed ; and

6.2. Conforming to the terms and conditions, and specifications.

7) The Quotations would be evaluated for all items together.

- Quotations will be compared on the basis of quoted price (Total Cost including all taxes) for goods at its final destination.

- Past performance & experience may be furnished to consider the credential of the bidder

- University enjoyed concessional rates for customs GST etc which may be considered at the time of submitting the quotation.

  
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8) Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2. The bidder whose bid is accepted will be notified for the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9) **Delivery:**

9.1 **Delivery period mentioned in the Purchase Order received by the vendor must be maintained. In case of failing the delivery within stipulated date the order may be canceled if proper justification is not received from the vendor in time.**

9.2 **Liquidated Damages will be applied as per the below:**

a) Liquidated Damages Per Day Min % : Nil

b) Liquidated Damages Max % : Nil

10) **Payment:**

10.1) **Payment shall be made in Indian Rupees as follows:**

**100% of the total cost after delivery, satisfactory installation along with demonstration and testing of the goods and also acceptance by the department.**

10.2) **Payment will be done by online transfer to the bank account of the vendor by NPIU, New Delhi after formalities. Vendor must provide the following details for bank transfer. (a) Account holder Name, (b) Account No., (c) Bank Name, (d) Branch Name, (e) IFSC No., (f) PAN, (g) TAN, (h) GSTIN, (i) TIN, (j) Mobile number.**

11) **All supplied items are under normal commercial warranty/ guarantee of not less than 60 months from the date of successful acceptance of items, unless specified of warranty for longer duration in the specification.**

12) **Rate of AMC may be furnished separately, which will be applicable at the end of the normal commercial warrant period.**



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13) **Date and time for Pre Bid meeting: 20-05-2019 at 4:00 PM at CR-I.** You are requested to submit your offer on or before **15:30 hours on 28-May-2019.** **Bids will be opened on the same day at 16:00 hours.**

14) Detailed specifications of the items are at Annexure I.

15) Training Clause (if any) **Demonstration at the time of Installation are to be confirmed.**

16) Testing/Installation Clause (if any) **Satisfactory Installation & Testing is required.**

17) **Performance Security shall be applicable: Nil**


18) **Submission of video footage of the successful installation and testing along with Model No. & SL. No. is preferred.**

19) Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

20) **Date and time for Pre Bid meeting: 20-05-2019 at 4:00 PM at CR-I.** Sealed quotation to be submitted/ delivered, **within 15:30 hours on 28-May-2019,** at the address mentioned below,

**TEQIP CELL, 2<sup>nd</sup> Floor, Aurobindo Bhavan, Jadavpur University, 188, Raja S. C. Mallick Road, Kolkata- 700 032.**

We look forward to receive your quotation and thank you for your interest in this project.



**Prof. Sanjib Acharyya**

**Nodal Officer, Procurement**

**TEQIP, Phase-III, JU**

**Nodal Officer (Procurement)**

**TEQIP Phase-III**

**Jadavpur University**

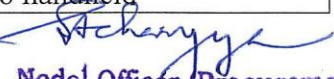
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## Annexure I

Package Code: TEQIP-III/WB/fetj/65

Sr. No	Item Name	Specifications
1	Equipment for Departmental smart class	<p>Aims: The proposed system will be able to</p> <ol style="list-style-type: none"><li>1. Provide hardware support for a Teacher's presentation (Audio &amp; visual) in a classroom [AIM 1]</li><li>2. Record Teacher's presentation (Audio &amp; visual) and board works in a classroom [AIM 2]</li></ol> <p>System/specifications:</p> <ol style="list-style-type: none"><li>1. System for Audio visual presentation<ol style="list-style-type: none"><li>i) <b>A projection system:</b><ol style="list-style-type: none"><li>A. Connectivity: i) can be connected with the existing Desktop PC with VGA port, ii) another port for connectivity with laptop with HDMI (converter to be provided for connectivity with optional VGA) iii) Can be wirelessly connected with standard IOS or android handheld devices (For wireless connection, support for audio signal output is required for connection with the classroom audio system)</li><li>B. Resolution: WXGA or higher for 6'x4' screen</li><li>C. 3300 ANSI lumen (or higher light intensity)</li><li>D. 15000:1 contrast ratio (or better)</li><li>E. Lamp Life 6000 hr (Normal) or 10000 hr (eco.)</li><li>F. Ceiling mount</li><li>G. Remote controller: Full remote control support</li></ol></li><li>ii) <b>Audio system:</b><ol style="list-style-type: none"><li>A. Speaker: Four 25/30 Watt (RMS), effective frequency range 70Hz-20kHz,</li><li>B. Amplifier cum mixer 150 Watt (RMS) [Suitable for Four 25/30 Watt (RMS), Audio out port for A/V recorder, 4 microphone / line inputs, plus music source input, Frequency response (Line) 60 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output), Frequency response (Mic.) 70 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output) .</li><li>C. Wireless microphones [One Lapel microphone, One Head Microphone, Two handheld</li></ol></li></ol></li></ol>

  
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microphones] with receivers [UHF band, 200 feet range (or more). Simultaneous usage]

iii) Magnetic White board (Mat finish, for writing with marker pen and for projection): two (6'x4')

iv) Cables, connectors and accessories for assembling whole A/V presentation system

v) Installation and training

vi) After installation service of whole Smart AV presentation system along with onsite warranty of 5 years.

2. Smart digital AV recording and optional streaming/conferencing system to capture auto tracked classroom lecture:

i) Smart auto tracking PTZ Camera

A. Support for auto tracking

[tracking of teacher in lecture area]

B. 3x (or higher) optical zoom

C. 1080p (or resolution)

D. 30 fps (or higher)

E. Support for flicker reduction

F. Remote control

G. Ceiling mount

H. Support for vibration reduction or image stabilization

ii) Capture (and optional streaming/conferencing) device

A. To record lectures [1080p/30 fps compressed video]

B. Real time recording of auto tracked Audio and Video with no lag between them

C. Support for 50 Hz flicker removal

D. Support for recording available audio output from classroom audio system

E. Required software (if any, with perpetual license)

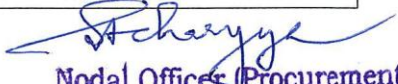
F. Support for recording directly at portable USB pen drive or external Hard disks

G. Support for recording extra optional camera (student facing)

iii) Cables, connectors and accessories for assembling whole A/V recording system

iv) Installation and training

v) After installation service of whole Smart AV

  
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recording and optional streaming/conferencing system along with onsite warranty of 5 years.

**Optional Item 1 (cost to be provided separately)**

- A. Support for A/V streaming to broadcast teacher's lecture at distant Digital Classrooms not connected through LAN.
- B. Support for real time video conferencing with at least five distant Digital Classrooms not connected through LAN.

**Optional Item 2 (cost to be provided separately)**

- A. Support for A/V streaming to broadcast teacher's lecture at least 5 distant Digital Classrooms not connected through LAN.
- B. Support for real time video conferencing with at least 5 distant Digital Classrooms not connected through LAN.

**Optional Item 3 (cost to be provided separately)**

- A. Desktop: Compatible to support above facility provided for digital class room.

Processor:	Intel® core i5, 7th Generation Processor, 3GHz and above
Mother Board:	Q2XX series chipset, Mother board architecture should be 64 bit compatible.
Graphics:	Standard Graphics Controller
Audio:	HD Audio with internal speaker
HDD:	1 TB 7200 rpm SATA IV
RAM:	8 GB DDR4 Mhz RAM expandable upto 64 GB
DVD:	DVD+/-RW
Ethernet (RJ-45):	Gigabit Ethernet Controller (standard)
Wireless:	802.11b/g/n
Monitor:	18.5"wide TFT
Keyboard	USB Keyboard
Mouse	USB Mouse
Operating System	DOS
Support	Drivers should be available for download from OEM site for at least 3 years from the date of purchase order
Warranty:	3-3-3 years onsite

Tender Specific authorization from OEM or from the OEM authorized distributor should be submitted by the bidder.



**FORMAT FOR QUOTATION SUBMISSION**  
(In letterhead of the supplier with seal)

Package Code:TEQIP-III/WB/fetj/65

Date: \_\_\_\_\_

To: \_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Applicable Taxes	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. -----  
(Amount in figures) (Rupees ----- amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ----- months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_