



**Dr. APJ Abdul Kalam Technical University, Uttar Pradesh  
Sec-11, Jankipuram, Vistar Yojna, Lucknow,  
Uttar Pradesh, India, Pin Code-226031**

AKTU/TEQIP-III/2019/174

Date: 10/08/2019

**INVITATION LETTER**

Package Code: TEQIP-III/UP/apju/130

Current Date: 10-Aug-2019

Package Name: AKTU-BT-17-130

Method: Shopping Goods

**Sub: INVITATION LETTER FOR AKTU-BT-17-130**

Dear Sir,

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


Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Streaming Server	1	AKTU Lucknow	----
2	AMPLIFIED/POWERED SPEAKERS	3	AKTU Lucknow	----
3	DESKTOP RECORDING SYSTEM	2	AKTU Lucknow	----
4	MICROPHONE FOR VOICEOVER	2	AKTU Lucknow	----
5	Wireless Lapel Microphone	2	AKTU Lucknow	----
6	Porta Light Kit	2	AKTU Lucknow	----

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.
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, initialling, dating and re writing.
  - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit 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 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **60** days after the last date of quotation submission.

6. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
- 6.1 are properly signed; and
- 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
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 of 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. Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
After Delivery, Installation and Satisfactory Acceptance	45	100

10. Liquidated Damages will be applied as per the below:  
Liquidated Damages Per Day Min %:0.05  
Liquidated Damages Max %:5
11. All supplied items are under warranty of 12 months from the date of successful acceptance of items and AMC/Others is NO.
12. You are requested to provide your offer latest by 14:00 hours on 22-Aug-2019.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) NA
15. Testing/Installation Clause (if any) YES
16. Performance Security shall be applicable: 5%
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Sec-11, Jankipuram, Vistar Yojna, Lucknow, Uttar Pradesh India, Pin Code- 226031**
19. We look forward to receiving your quotation and thank you for your interest in this project.

  
(Prof. Vineet Kansal)  
Coordinator TEQIP-III, AKTU Lucknow

**Annexure- 1**

<b>Sr. No</b>	<b>Item Name</b>	<b>Specifications</b>
1	STREAMING SERVER	<p>Complete Hardware &amp; Software</p> <ul style="list-style-type: none"> <li>• Broadcast quality HD / SD H.264 network streaming</li> <li>• H.264 / AVC video CODEC, up to High Profile Level 4.0</li> <li>• Maximum bitrate: 6 Mbit</li> <li>• Input source: NVS-25 can accept SDI / HDMI / CVBS source input</li> <li>• Should Support de-interlace video streaming for progressive output</li> <li>• Front panel control for recording and streaming</li> <li>• Audio inputs: select embedded or external audio source</li> <li>• Network feature: DHCP Client, RTSP over TCP/UDP/HTTP with MPEG TS. RTMP, HLS protocols (unicast only)</li> <li>• Flexible video scaler presets for streaming out</li> <li>• Supports 3 types of GOP structure: IBBP, IPPP and IBP</li> <li>• Web UI for system configuration and FW upgrade</li> <li>• Attach USB storage device (Up to 1TB storage device)</li> </ul>
2	AMPLIFIED/ POWERED SPEAKERS	<ul style="list-style-type: none"> <li>• Frequency Range: 43 Hz-24 kHz</li> <li>• Max Peak SPL: 108 dB SPL C-Weighted</li> <li>• Max Peak Input: +23 dBu</li> <li>• LF Driver Size: 127 mm (5")</li> <li>• HF Driver Size: 25 mm (1")</li> <li>• LF Driver Power Amp: 41 W Class D</li> <li>• HF Driver Power Amp: 41 W Class D</li> <li>• LF Trim Control: +2 dB, 0, -2 dB</li> <li>• HF Trim Control: +2 dB, 0, -2 dB</li> <li>• Input Types: 1 x XLR, 1 x TRS Balanced</li> <li>• AC Input Voltage: 100-240 VAC +/- 10% 50/60 Hz</li> </ul>
3	DESKTOP RECORDING SYSTEM	<ul style="list-style-type: none"> <li>• Microphone Inputs: (2) Female XLR Pin 2 Hot</li> <li>• Input Impedance: 600Ω balanced</li> <li>• Phantom Power: +48 Volt DC</li> <li>• GAIN: +44 dB</li> <li>• EIN (150Ω source) -120dB A-weighted @ 44dB gain</li> <li>• Maximum Input Level: +6.5dBu</li> <li>• Frequency Response : +0, -0.5dB 20 Hz - 20kHz, ref. 1kHz</li> <li>• THD+N: &lt;.005%, 20Hz - 20kHz</li> <li>• Insert Inputs: (2) 1/4" TRS</li> <li>• Send Level (tip): +10dBu maximum</li> <li>• Max Return Level (ring): +11dBu maximum</li> <li>• Line Inputs : (2) 1/4" TRS balanced or unbalanced</li> <li>• Input Impedance: 20kΩ balanced, 10kΩ unbalanced</li> <li>• Maximum Input Level: +13dBu</li> <li>• Frequency Response: +0, -0.5 dB 20 Hz - 20kHz, ref. 1kHz</li> <li>• THD+N: &lt;.009% A/D, 20Hz - 20kHz</li> <li>• Instrument Input: (1) 1/4" mono jack</li> </ul>

		<ul style="list-style-type: none"> <li>• Input Impedance: 1 M<math>\Omega</math> unbalanced</li> <li>• Maximum Input Level: +8.5dBu</li> <li>• Frequency Response: +0, -1 dB 20 Hz - 20kHz, ref. 1kHz</li> <li>• THD+N: &lt;.0125% A/D</li> <li>• Crosstalk: &lt;-74dB any input or output to any recording channel, 20Hz-20kHz</li> <li>• &lt;-95dB at 1kHz typical</li> <li>• Line Outputs: (2) 1/4" TRS balanced or unbalanced</li> <li>• Level: +16dBu maximum</li> <li>• Impedance: 1k<math>\Omega</math> balanced, 500<math>\Omega</math> unbalanced</li> <li>• Headphone Output: (1) 1/8" stereo jack</li> <li>• 25 mW per channel at 50 Ohms</li> <li>• MIDI Interface: MIDI IN/MIDI OUT - 5 pin DIN</li> <li>• Power Requirements : USB Bus-powered</li> </ul>
4	MICROPHONE FOR VOICEOVER	<ul style="list-style-type: none"> <li>• Ribbon Mic for Speech &amp; Voice-Over</li> <li>• Directional Polar Pattern</li> <li>• Low-Cut Roll-Off at 16 Hz</li> <li>• For Close Positioning to Mouth</li> <li>• Reduced Noise in Ambient Environments</li> <li>• Stainless Steel Protective Breath Shield</li> <li>• Removable Plastic Hygiene Shield</li> <li>• Microphone Type: Pressure gradient transducer ribbon microphone.</li> <li>• Ribbon: Corrugated aluminium ribbon protected by fine woven nylon Gauze.</li> <li>• Polar response: Bi-directional</li> <li>• Impedance: 300-ohm</li> <li>• Frequency response: 60 Hz to 12,000 Hz</li> <li>• Sensitivity: -50db W.R.T. IV/Pa</li> <li>• Distortion: &lt;1% THD at 120db SPL</li> <li>• Connector: XLR-pin 2 hot</li> </ul>
5	WIRELESS LAPEL MICROPHONE	<p>WIRELESS LAPEL MICROPHONE FOR OUTDOOR SHOOTING PURPOSE</p> <ul style="list-style-type: none"> <li>• Transmitter</li> <li>• Freq. Range: UHF 188 Selec. Freq. (566.125-589.875MHz)</li> <li>• Oscillator: PLL Synthesized</li> <li>• RF Power: 25mW</li> <li>• Frequency Response: 50Hz – 15kHz</li> <li>• Max. Deviation: <math>\pm</math>40kHz @ 1kHz Mod., MIC Input – 11dBm</li> <li>• Batteries: 2 "AA" Alkaline (2 x 1.5V) - 4-5 hours runtime</li> <li>• Receiver</li> <li>• Freq. Range: UHF 188 Frequencies (566.125-589.875MHz)</li> <li>• Type of Reception: FM</li> <li>• Oscillator: PLL Synthesized</li> <li>• RF Squelch Level: -95dBm</li> <li>• Frequency Response: 50Hz – 15kHz</li> <li>• S/N Ratio: &gt;84dB 100% Dev.</li> <li>• Output Impedance: 1k Ohms</li> </ul>

		<ul style="list-style-type: none"> <li>• Output Impedance: 1k Ohms</li> <li>• Audio Out: MIC Level – Unbalanced – 3.5mm Mini-Jack</li> <li>• -28 dBm – 100% deviation</li> <li>• Batteries: 2 “AA” Alkaline (2 x 1.5V) – 3-4 hours runtime</li> </ul>
6	PORTA LIGHT KIT	<p>Should Include</p> <p>Minimum 600 LED Dual Colour Video Light  5600 mAH or Better Battery  Compatible Charger for Above Battery  DC Adaptor  Light Stand</p> <p><u>Light Specifications</u>  600 LED Video light with dual color tone 5600K and 3200K or mix or better  Voltage: DC6-17V   Power: 12W   Average Life Span: 30000h    Lumens:1440   Illumination: 1M:1400Lux;2M:350Lux;3M:200Lux    Color Reading Index :0-90%   Filter Installation: Magnetic Pickup    Cooling Mode: Natural Ventilation   Color Temperature : 3200K-5600K   Beam Angle: 60   Switch of color Temperature: White and Yellow Filter   Applicable Scope: Photo / Video.</p> <p><u>Light Stand Specifications</u>  Maximum Height: Aprox 8 Feet or more  Minimum Height: 4 Feet    Maximum Load Capacity: 2.5Kg or more  Closed Length:</p>

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

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)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

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.

Gross Total Cost (A+B): Rs. \_\_\_\_\_  
Signature of Supplier  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact No. \_\_\_\_\_