

## INVITATION FOR QUOTATION

TEQIP-III/2018/gbec/Shopping/28

29-Oct-2018

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 given at Annexure I,

| Sr. No | Brief Description             | Quantity | Delivery Period(In days) | Place of Delivery | Installation Requirement (if any) |
|--------|-------------------------------|----------|--------------------------|-------------------|-----------------------------------|
| 1      | Video conferencing Equipments | 1        | 30                       | GBPIET, PAURI     |                                   |

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, initialing, 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 **45** 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:  
**Delivery and Installation - 90% of total cost**  
**Satisfactory Acceptance - 10% of total cost**
10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **15:00** hours on **12-Nov-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **YES**
14. Testing/Installation Clause (if any) **YES**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
G.B. Pant Institute of Engineering & Technology, Ghurdauri, Pauri Garhwal, Uttarakhand
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

#### Annexure I

| Sr. No | Item Name                     | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Video conferencing Equipments | <p>video standards H.264, H.265 Video Frame Rate support 60 fps with 1080p resolution. Video Features Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously.</p> <p>Should support H.239 and BFCP protocols The system must have the ability to pair mobile devices such as Tablest and Smartphones based on iOS or Android platforms so that these devices can be used for: 1) View the Presentaion that is being shown in the VC call. 2) Add and disconnect call. 3) Take snapshot of the presenetation being shown The system must have the ability to pair with laptop for sending content without any wires to the VC system. In case the above feature is not available natively, then additional components can be provided to achieve this.</p> <p>Video Input Should have at least 1 x HDMI inputs to connect Full HD cameras. Must have 2 HDMI inputs to connect two laptops/PC for presentations All inputs should support 1080p60 Should support the ability to view and share presentations at a resolution of 3840 × 2160 (4K)</p> |

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|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p>The system must have the ability to pair with laptop for sending content without any wires to the VC system Video Output Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support) When not in a VC call, it should be possible to view presentation from two laptops on each of the screen so that users can collaborate. Audio standard must be supported.. Other Desirable features Noise Reduction, Automatic Gain control, Acoustic Echo Canceller, Active Lip synchronization Audio Inputs Should support 3 Microphone inputs to connect 3 microphones. The pick up of the microphones should be at least 10 feet from the microphone. Echo Cancellation for every input must be available. Audio Outputs Should support audio output Network Interfaces 1 LAN /Ethernet10/100/1000 Mbps full duplex Bandwidth H323/SIP upto 6 Mbps point-to-point. Network Capabilities Packet Loss Based Downspeeding H.323/ IP Features QoS DiffServe Security Menu Control Password protected system menu Encryption of video call ITU-T standards based Encryption of the video call Call should be encrypted end-to-end on IP Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation (dualvideo) Ability to manually turn encryption ON/ OFF should be there. Automatic key generation and exchange Management System Management using HTTPS and SSH Camera Should have at least two or more HD cameras to automatically detect active speakers in the conference room. The camera should also have face detection mechanism to enable automatic framing of participants. The camera should automatically detect who in the room is speaking and the best camera framing for that person. And when no one is speaking it should automatically the best group framing. The system should be capable of providing metrics such as participant count that could be used for resource utilization, return on investment reports. Should have the ability to turn OFF speaker tracking if need be. The cameras should be suitable for a large conference room of about 7m in length with 15 people. 1920 x 1080 pixels progressive @ 60fps The Camera and codec should be from the same manufacturer. Should have at least 80 degrees horizontal field of view. Directory services Should support Local and Global directories Proposed solution should be Cloud-based Audio / Video / Web conferencing services Solution should be</p> |
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|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p>Opex based / Subscription licensing model The Solution provided should be simple, secure collaboration and scalable. Users Support for up to 1,000 concurrent users in a single meeting: ? Up to 75 SIP or H.323 video conferencing screens or clients ? Up to 500 additional Meetings video participants ? Up to 1,000 additional Audio-only users Join Experience Video Systems • One Button to Push join from on-prem registered video systems, controlled by On-prem Management and cloud registered apps and devices • Simply dial a video address, e.g., &lt;meeting_number&gt;@&lt;site_name&gt;.cloudsolution.com • natively, use an IP address and enter the meeting number • Additional support for Skype for Business (SfB) and Lync users, e.g., &lt;meeting_number&gt;.&lt;site_name&gt;@lync.cloudsolution.com • Video IVR with visual cues for a more intuitive join experience Desktop, Mobile and Browser Apps • Click-to-join from invitations • Enter meeting number for ad-hoc join • Use your computer or a telephone for audio • Or, have the cloud call your SIP based video system for full audio, video, content share experience IVR Interaction, In-Meeting Controls and Indicators</p> |
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**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.<br>(Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments) | Total Price<br>(A) | Sales tax and other taxes payable |                   |
|-------------------|-------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|-------------------|
|                   |                                                 |      |      |                                                                                                                                                                                                      |                    | In %                              | In figures<br>(B) |
|                   |                                                 |      |      |                                                                                                                                                                                                      |                    |                                   |                   |
| <b>Total Cost</b> |                                                 |      |      |                                                                                                                                                                                                      |                    |                                   |                   |

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: \_\_\_\_\_