

**NAHEP****IDP- PROJECT**UP PT. DEEN DAYAL UPADHYAYA PASHU CHIKITSA VIGYAN
VISHWAVIDYALAYA EVAM GO-ANUSANDHAN SANSTHAN, (DUVASU)
MATHURAEmail: - spoduvasu@gmail.com

Phone (m) :- 9457210849

**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER NATIONAL SHOPPING PROCEDURES**Letter No: **63**/DUVASU-IDP/2020-21

Dated:-20-01-2021

Reference No: IN-DUVASU-MATHURA-188160-GO-RFQ

To

- University Notice board

Dear Sirs,

Subject: INVITATION FOR QUOTATIONS FOR SUPPLY OF Omni Directional wireless Echo Cancellation Microphone for virtual classroom including software and paraphernalia

1. You are invited to submit your most competitive quotation for the following goods:-

Brief description of the goods	Specification*	Quantity	Delivery period	Place of delivery	Installation & Training required if any
Omni Directional wireless Echo Cancellation Microphone for virtual classroom with paraphernalia	Omni Directional, Wireless, Echo cancellation Microphone; Built-in microphone for optional, Pickup distance up to 5 meters, high sensitivity and low base noise. with 5 hours or more battery back-up. Warranty 3 years or more on complete solution. Note- Item Must be provided with 3 Years Annual Maintenance Contract.	1	One month from notification of award of contract	DUVAS, Mathura	YES
virtual classroom Software	<ul style="list-style-type: none">• As per annexure-1	1	One month from notification of award of contract	DUVAS, Mathura	YES

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**PRINCIPAL INVESTIGATOR
IDP-NAHEP**U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa
Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan
MATHURA-281001

** Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.*

2. Government of India has received a credit from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agriculture Higher Educational Project (NAHEP) 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. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) GST in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Validity of Quotation

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. Evaluation of Quotations

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

- a) are properly signed ; and
- b) Conform to the terms and conditions, and specifications.

The Quotations would be evaluated separately for each item.

GST in connection with sale of goods shall not be taken into account in evaluation.

7. 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.

- 7.1 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.

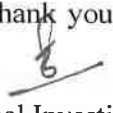
- 72 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

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WASHINGTON, D.C. 20535

8. Part payment or part supply orders will not be accepted. The payment will be made immediately after delivery of Goods/Setup/installation/training/assignment/physical & Functional verified as per signed up/award of contract.
9. The necessary catalogue, leaf lets, operational manual or any other printed material related to goods/material should be provided during completion of contract.
10. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
11. The rates/prices should be FOR, DUVASU, Mathura (UP) India. All leakages-breakage and losses in transit including shortages, if any will be borne by the firm/supplier.
12. The firm should provide proof of GST registration no. / Tin no. / PAN no. and all legislative documents/Experience related documents required.
13. **Onsite installation and technical demonstration/training** should be provided by the supplier in consultation with expert team member of IDP, DUVASU, Mathura (UP).
14. In case, any holiday is declared by the Government on the day of opening, the bids will be opened on the next working day at the same time. The Principal Investigator, NAHEP – IDP, DUVASU, Mathura reserves the right to accept or reject any or all the bids.
15. The bids of firm (s) which have either been black-listed by DUVASU, Mathura or any other Govt. organization will not be accepted. In this regards, the firm has to give an undertaking on the enclosed format.
16. You are requested to provide your offer by registered/Speed post or deposit in the office of store purchase officer DUVASU Mathura latest by **on or before 29-01-2021 up to 5:00 Pm in the name of PI, NAHEP** The bids will be opened on 30/01/2021 at 11:00 AM in the office of undersigned. All suppliers/firms are requested to be present in the chamber of undersigned.
17. The firms interested in quotation should send separate quotation in sealed envelope. Each quotation should be placed in a separate envelope. No combined application will be entertained. The name of the item “Omni Directional wireless Echo Cancellation Microphone for virtual classroom including software and paraphernalia” should be written on envelope in bold letters.
18. Write the title “Quotation for supply of “Omni Directional wireless Echo Cancellation Microphone for virtual classroom including software and paraphernalia” on top line of Envelope.



19. We look forward to receiving your quotations and thank you for your interest in this project.


Principal Investigator
National Agriculture Higher education Project
IDP-PROJECT, DUVASU, MATHURA
Pin code: 281001, (U.P), INDIA

Specification for Virtual Classroom Software

Item	Specification
<i>classroom software</i>	<p>A full-fledged interactive software / Teaching app must be bundled with virtual classroom hardware with the following features:</p> <p>Detailed specification of Virtual Classroom Software</p> <ul style="list-style-type: none"> ➤ Single Virtual Classroom should support multiple users through Desktop/laptop/tablet/mobile/IFPD in two way Virtual Classroom session. By rotation, any participant should be able to be brought on main screen for everyone else to view up to 20 speaker videos simultaneously. ➤ There should be an option to broadcast the Live Offline class simultaneously to online class for the students present at remote location. ➤ There should be an option to take multiple classes with multiple students simultaneously and also to take single class with all the students at the time. ➤ Sharing of local screens along with conversation should be two way (Teacher to student and vice-versa) i.e. white-board/documents/audio/video files from all attendees in real-time. ➤ Teaching Software must have built-in option to take Student Attendance. ➤ Teaching Software must have option to Create Test/Assessments including, Multiple Choice, Multiple Select, True/False, Text Type (Subjective), Picture Choice. ➤ There should be no need to individually select student to send the assessments, it should be a single click by sharing it to the class ➤ Students should be able to take assessment from anywhere, anytime and from any device. ➤ Student should be able to join the live class from with-in lesson, as and when teacher starts it. ➤ Teacher should have option to enable 2-way collaboration with complete control with the teacher ➤ Students should be able to collaborate on virtual whiteboard from their devices. ➤ Software/Teaching app must be able to open office documents (like word, excel, PowerPoint and PDF) within the app, ➤ Should be capable to annotate and take screenshot on any 3rd party applications running on Windows OS ➤ Software/Teaching app must have built in Screen recording Feature with ability to pause and resume recording, mute and unmute mic during recording. ➤ Should have built-in wireless mirroring function. ➤ Software/Teaching app should provide support H.264 AVC/H.264 SVC or VP 8 based video compression ➤ Content sharing must be supported on the ubiquitous HTTPS/REST protocol ➤ Software/Teaching app should support 720p live video stream with 30 fps or higher. ➤ Software/Teaching app should be able to connect any endpoint which is



	<p>connected to the internet using IP v4 or IP v6.</p> <ul style="list-style-type: none"> ➤ Software/Teaching app should support both 4:3 & 16:9 aspect ratios. ➤ Software/Teaching app should support at bit rate of 250kbps or less for video connection and 20-50 Kbps or less for audio connection per user. ➤ Software/Teaching app should be operable on major operating systems like Windows, iOS, Android and Linux. ➤ Access to virtual classrooms should be protected by username and password authentication so that before the Instructor/Co-instructor enters, participants are placed in a virtual waiting room. ➤ Should have Ability to create virtual class, and sections with teachers and students. ➤ Should have ability to assign duration or validity to a class. ➤ Platform must provide cloud storage and should support external cloud storage, like google drive. ➤ Software/Teaching app must be able to record and playback High definition video and presentation, up to HD 720p or higher ➤ The Admin/Instructor must be allowed to save the recordings file on a local disk. ➤ Software/Teaching app should support You Tube Videos within the live classroom. <p>Complete installation of setup with training</p> <p>All Items Must be provided with 3 Years Annual Maintenance Contract.</p> <p>Access to Software/Teaching app should be for 3 years or more on complete solution.</p>
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FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1	Omni Directional wireless Echo Cancellation Microphone for virtual classroom with paraphernalia						
2	virtual classroom Software						
	TOTAL						
	Sales Tax						

Gross Total Cost : Rs.

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

We also confirm that the normal commercial warrantee/guarantee of months shall apply to the offered goods.

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

Note: *evaluation would be made for each item separately.*



