



**NAHEP**  
**INSTITUTIONAL DEVELOPMENT PLAN, NAHEP**  
**ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**  
**BHUBANESWAR-751003**



No. 1108 / IDP-OUAT, Dt.13.02.2022

**QUOTATION CALL NOTICE**

Quotations are invited from original equipment manufacturer/ authorised dealer/ supplier for supply of smart classroom/ laboratory equipment and other items for the IDP, NAHEP project of OUAT as per the specifications mentioned in the document. The cost of each item must be specified along with packing, forwarding, GST and installation charges, if any, separately. **Quotation should be submitted in separate envelope for each item with required documents.** The quotation should accompany a valid GST registration certificate and TIN number and PAN as well as up to date income tax clearance certificate. The sealed quotation must reach the undersigned **on or before 23.02.2022 (05.00 PM)** by Post/ Courier service only.

**Sd/-**

Dean, CAET & Chairman  
Procurement Committee IDP, NAHEP  
OUAT, Bhubaneswar

Copy forwarded to Principal Investigator, IDP-NAHEP for information and necessary action.

**Sd/-**

Dean, CAET & Chairman  
Procurement Committee IDP, NAHEP  
OUAT, Bhubaneswar

**INVITATION FOR QUOTATIONS FOR SUPPLY OF  
GOODS UNDER NATIONAL SHOPPING PROCEDURES**

To

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Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF EQUIPMENTS

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

**A. Interactive Panel**

Parameter	Specification	Qty.	Place of delivery	Installation Requirement, if any
Screen Size	86 inch or more	14 nos.	OUAT, Bhubaneswar  CA, OUAT, Chiplima	Installation to be done at the respective sites by the vendor
Backlight	DLED			
Display Colour	8 bit/ 16.7 million or more			
Brightness	400 cd/m2 or more			
Aspect ratio	16:09			
Resolution	4 K (3840 (H) x 2160 (V)) or better			
Response time	5ms or lower			
Display orientation	Landscape			
Contrast Ratio	5000:1 or higher			
Working Life	50000 hrs or more			
Built in Speakers	2 x 15 W or higher			
Working Voltage	100 - 240 VAC, 50/60 Hz			
Material of touch surface	Anti-glare & Anti-finger print glass			
Surface Protection	Min 4 mm thick tempered glass			
Writing Tool	Finger, Nano pen and any other opaque object			
Android version	9.0 or higher			
OPS Slot	Min one OPS slot			
CPU	Dual-core A73 and Dual- core A53 1.5GHz or better			
GPU	Quad-core MaliG51 or higher version			
Multimedia file support	Support all major types of multi-media files			
RAM	4GB DDR4 or higher			
ROM	32 GB or higher			

Parameter	Specification	Qty.	Place of delivery	Installation Requirement, if any
Input Port	2 x HDMI, 2 x USB2.0, 2 x USB3.0, 1 x TF Card, 1x AV in, 1 x RJ45, 1 x VGA in, 1 x VGA Audio, 1 x RS232 or higher			
Output Port	1 x AV out, 1 x Microphone(3.5mm), 2 x USB touch port or higher			
Build in Touch Frame	Yes			
Accessories	Powerx2, HDMI and USB cables( length as per requirement), Audio wires, connectors, Remote, batteries, Touch pen x 2, WIFI Antenna, Wireless key board, wall mount stand			
OPS (In-built)	Intel Core i7 8 <sup>th</sup> generation or higher with DDR4 8-GB RAM, 256GB SSD, Windows10 original, 3 years Quick Heal total security antivirus			
Accessory	<b>Should be supplied with movable stand of good quality</b>			
Warranty	Min. 03 years <b>Onsite Replacement warranty</b> to be provided by OEM.			
Pre-Qualifying Conditions	<ul style="list-style-type: none"> <li>• OEM/Bidder should have Registered Office/Branch office and authorized service set up in Odisha to provide timely after sales service support (Valid document to be submitted along with the bid). The bidder should have firm or business in the state since last 10 years.</li> <li>• If the bidder is not OEM, then the ink signed or original and duly stamped authorization certificate from the OEM should be submitted with the bid.</li> <li>• Catalogue and Technical specification attached with the bid should tally with the specification available in OEM's website. If the given specifications mismatch with the OEM's specification given in website shall result in rejection of the bid.</li> <li>• The minimum average annual financial turnover of the bidder during the last 03 financial years should not be less than 1 crore. Documentary evidence in the form of certified Balance Sheets, Profit &amp; Loss A/C &amp; ITR of relevant periods, and the turnover details for the relevant period shall be attached with the bid.</li> <li>• The Bidder or its OEM should have supplied same to any Central / State Govt. Organization / PSU for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with the</li> </ul>			

Parameter	Specification	Qty.	Place of delivery	Installation Requirement, if any
	bid in support of having supplied some quantity during each of the year <ul style="list-style-type: none"> <li>• The brand must be registered in India with BIS certification.</li> <li>• The OEM/Bidder/Authorised dealer should not be black listed by any State Govt./ Central Govt./ PSU in India for any reason on the date of bid submission. A notarized certificate to this effect is to be submitted along with the bid</li> </ul>			

### B. Sound System

Parameter	Specification	Qty.	Place of delivery	Installation Requirement, if any
<b>1. Amplifier</b>		<b>1 set</b>  (A set comprising of 1. Amplifier-1 no. 2. Wall Speakers- 8 nos. 3. Wireless Microphone (Receiver-01 no. & Transmitter-01 no.) 4. Paging Microphone-01 no. 5. Speaker wire-as per the requirement	OUAT, Bhubaneswar	Installation to be done at the respective site by the vendor
Power Output	Approx. 120W RMS at 10% THD/ 160W RMS Max.			
Input Channels	Mic: 5 X Mic 0.65mV/ 4.7K $\Omega$ to 4.9K $\Omega$ Aux: 2 X Aux 100mV/ 470K $\Omega$ to 500K $\Omega$			
Frequency Response	50-15,000Hz $\pm$ 3dB (approx.)			
Tone Controls	Bass $\pm$ 8dB at 100Hz Treble $\pm$ 8dB at 10kHz			
Speaker Output	4 $\Omega$ , 8 $\Omega$ , 16 $\Omega$ , 70V & 100V			
Digital Player	MP3 player with USB, SD, MMC Card, Bluetooth & Remote control			
<b>2. Wall Speakers</b>				
Input Power	5W RMS/ 7.5W Max.			
Power Taps	5/2.5/1.25W on 100V			
Frequency Response	80-15,000Hz (approx.)			
SPL (1W/1m)	92dB to 100 dB			
<b>3. Wireless Microphone</b>				
<b>3.1. Receiver</b>				
Audio Output	Bal. 0dBu, Unbal. -10dBu to -12dBu			
Frequency Response	50-15,000Hz (approx.)			
Power Required	AC: 220-240V for AC adaptor			
<b>3.2. Transmitter</b>				
RF Output Power	15mW/ 10mW (Max.)			
Power Required	3V (2 X 1.5V AA Pencil Cell)			

<b>4. Paging Microphone</b>			
Power Required	3V (2 X 1.5V (UM-3) Pencil Cell)		
Frequency Response	50-10,000Hz (approx.)		
Sensitivity	2.0mV/Pa or better		
Impedance	600Ω (approx.)		
<b>5. Speaker Wire</b>			
Speaker wire	Coaxial Heavy Duty: Copper 40/76		
<b>6. Warranty: Minimum 03 years onsite warranty</b>			

### C. Tower Air-conditioner

Parameter	Specification	Qty.	Place of delivery	Installation Requirement, if any
<b>Highlights</b>		2nos.	OUAT, Bhubaneswar	Installation to be done at the respective site by the vendor  <i>(The quoted price should include complete installation including pipes/ fittings &amp; other accessories)</i>
➤ Insta cool compressor				
➤ Hydrophilic blue fin evaporative				
➤ Wide angle air flow				
➤ Anti-dust filter				
➤ Instant cooling				
➤ Cross flow vane				
➤ Low noise operation				
➤ Stylish appearance				
➤ Auto restart feature available				
➤ LED Display available				
Tonnage	4 Ton			
Power supply [V/Hz/Ph]	415/50/3 Phase			
Rated Cooling Capacity [Watt]	12800 or higher			
Rated current-cooling [Amps]	10.9 (Avg. of all phase) or less			
Rated power input-cooling [Watt]	5950 or less			
Air-flow volume-indoor [CMH]	1700			
Noise level-indoor [..dB(A)]	≤ 55			
Refrigerant Gas	R32			
Compressor type	Highly Reliable scroll/ Twin Rotary			
Rated EER[Btu/w]	9.90			
Operation	LCD Remote			
Connecting pipe	As per requirement			
On-site Warranty	Min. 3-years on product & 5-years warranty on compressor			

2. Government of India has received a financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan 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, initialling, 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. The cost of packing, forwarding, insurance etc. must be mentioned separately in exact figure (it should not be mentioned “as applicable”)
  - d. The costs of each individual item must be specified along with the transportation and installation charges (including the cost of civil work for foundation), if any, separately.
  - e. GST and other taxes in connection with the sale shall be shown separately.
  - f. GST and other government taxes shall be paid as per government rule and need to be mentioned separately.
  - g. Odisha University of Agriculture and Technology is a non-profit, non-commercial premier institute engaged in teaching, research at undergraduate, post graduate and Ph.D. level and we do not have any commercial license. Accordingly, the GST calculation may be made on the concessional rate. As such the university availing price discount for purchase of equipment/instruments, etc. The maximum rate of discount on each item may also be indicated in the quotation specifically.
  - h. Odisha University of Agriculture and Technology, Bhubaneswar is registered with the Department of Scientific and Industrial Research (DSIR Regd. No. TU/V/RG-CDE (421)/2013, dated 21st February, 2017 valid up to 31st August 2021(which is being extended from time to time)) for purposes of availing Custom Duty exemption and IGST-SGST exemption. The applicable amount of Custom Duty/GST for our University against DSIR certificate should be mentioned in the quotation.
  - i. The exact figure of percentage of discount offered as applicable to non-profit, non-commercial government educational institute.
  - j. 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.
  - k. It should contain a letter conforming 3 years’ onsite warranty from manufacturers. If the warranty is less than 3 years, then the additional cost of Annual Maintenance Contract with zero financial liability to the University must be included for calculating 3 years’ warranty, else bid will not be accepted.
  - l. The Prices shall be quoted in India Rupees only even if the item is imported.
  - m. Printed literature indicating photographs and detail technical specification, working CD, manual and their function must be attached.
  - n. The specific brand, make, model etc. shall be clearly mentioned in the quotation.
  - o. Separate list indicating recent users, name of users, address along with contact telephone number and email of users of the equipment (same make and model for which quotation has been submitted) must be submitted along with the quotation for each item separately.
  - p. Letter from manufacturer indicating that the manufacturer shall provide after sales service during Warranty/ Comprehensive Annual Maintenance Contract/ AMC period if the authorized dealer/ bidder fails to provide same.
4. Quotation should be submitted in separate envelope for each item. Each bidder shall submit only one quotation for each item.
  5. Delivery period is maximum 03-04 weeks from the date of issue of supply order.

### **6. Validity of Quotation**

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

## 7. 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.
  - (i) The Quotation would be evaluated for the complete list of items.
  - (ii) GST/other taxes in connection with sale of goods shall not be taken into account in evaluation.
  - (iii) Each quotation should accompany a valid GST registration certificate and TIN number and PAN as well as up to date income tax clearance certificate.

## 8. Award of contract

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

- a. 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.
  - b. 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. Number of items may marginally increase or decrease on the basis of quoted price and availability of funds. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made immediately after delivery and successful installation and working of the goods/equipment.
10. If the cost of the item is equal to or more than Rs.2.50 lakh, then 2% GST will be deducted at source.
11. We look forward to receiving your quotations and thank you for your interest in this project.

**The quotation and supporting documents should be sent in sealed envelope and the Sl. No. and Name of the item should be written on top of envelope as:**

**“Quotation for Item No. \_\_\_\_\_, Name of the Item: \_\_\_\_\_”.**

Quotation along with a cover-letter and supporting documents must be delivered in a sealed envelope to the address given below latest by **05.00 PM on 23.02.2023** only by **Post/ Courier service only**.

**Principal Investigator  
IDP, NAHEP  
IDP Cell, Adjacent to Internet Cell  
2<sup>nd</sup> Floor, University Main Building  
OUAT, Bhubaneswar – 751 003**

The quotations will be opened in the Office of the Dean, CAET and Chairman, Procurement Committee, IDP on **24.02.2023 at 03.00 PM**.

**Sd/-**  
Dean, CAET & Chairman  
Procurement Committee IDP, NAHEP  
OUAT, Bhubaneswar

**FORMAT OF QUOTATION\***

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In words
	TOTAL						
	GST						
	Any other charges like packing, forwarding, insurance, extended warranty, installation etc.(if any) should be shown separately						

**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) with in the period specified in the Invitation for Quotations.

We also confirm that the 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**

**\*Price should be shown separately for each item and GST separately.**