

**National Institute of Technology**  
**Research and Development Cell**  
(Established by Ministry of Education, Govt. of India)  
**Yupia, District: Papum Pare, Arunachal Pradesh 791112**

Phone: 0360-2001582, Fax: 0360-2284972 Email: nitarunachal@nitap.ac.in  
www.nitap.ac.in

**Dr. Prases Kumar Mohanty**  
**Dean In-Charge (R&D), Assistant Professor**

Website : www.nitap.ac.in  
E-Mail : deanrnd@nitap.ac.in  
Phone No.: +91 9485236260

NIQ NO: ECE/P/Y/S/EQUIPMENT/2020/DST(SEED)/41

Date: 20/02/2021

**SUBJECT: Notice inviting quotation of Equipment: Handheld audio recorder & Laptop etc.....**

Dear Sir/Madam,

The Director, NIT Arunachal Pradesh, invites quotation for supply and installation of with accessories for Department of **ECE** as per details at ANNEXURE-I. The quotation is to be submitted in double bid as per format at Annexure II and addressed to Dean, **Research and Development**, National Institute of Technology Arunachal Pradesh, The quotation must be submitted on or before 17 February 2021, 03:00 PM. For any technical clarification please send mail to [pkmohanty30@gmail.com](mailto:pkmohanty30@gmail.com) & [ys.nitap@gmail.com](mailto:ys.nitap@gmail.com)

**TERMS & CONDITIONS:**

1. **Rates:** Rates quoted for indigenous items should be on **FOR NIT Arunachal Pradesh, on DOOR DELIVERY basis**, with break-ups as per details indicated in the bid format at **Annexure II**. Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount will not be accepted. In case of a mismatch, the rates written in words will prevail.
02. **Important date, time and place:**
  - (a) **Last date & time of submission: 12 March 2021, 03:00 PM**
  - (b) **Date & time of opening: 13 March 2021, 04:00 PM.**
  - (c) **Place of opening quotations: Research and Development Section, NIT Arunachal Pradesh**
  - (d) **Late and delayed tender:** Late and delayed tender will not be accepted.
  - (e) **Unscheduled Holiday:** In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
03. **Validity of Quotation:** Quoted rates must be valid for **60days** from the last date of submission of quotation.
04. **Warranty:** The quoted item, in case of equipment and components, must be warranted for a minimum of one year.
05. **Literature a must:** In case of equipment printed technical leaflet/literature must be submitted. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.
06. **Vendor detail:** Vendor and their nearest service centre details must be provided as per format at **Annexure III**
07. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must enclosed valid dealership certificate.
08. **Quality Certificates:** Valid certificate to prove that the products are genuine and of International standard, as applicable must be enclosed.
09. **Delivery:**
  - a) **Time Limit:** Maximum within 30 (Thirty) days from the date of issue of purchase order.
  - b) **Safe Delivery:** All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of NIT user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with shall form the basis for certifying the receipt in good condition.
  - c) **Insurance:** The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at NIT Arunachal Pradesh.
  - d) **Part Delivery:** Part delivery is not allowed.
  - e) **Penalty against delay delivery:** The date of delivery should be strictly adhered to otherwise the Director, NIT-AP **reserves** the right **not** to accept delivery in part or full.
10. **Genuine Pricing:** Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to NIT/Institutes and other Government Organization.
11. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Printed conditions mentioned in the tender bids submitted by vendors will not be binding on NIT-AP.
12. **Road Permit:**
  - (a) Road permits: Road Permits (Waybills) shall be issued as applicable for delivery of materials against receipt of Order Acknowledgement and Proforma Invoice.

*Prases Kumar Mohanty*  
20/02/2021

**13. GST:**

- (a) Up-to-date Sales Tax clearance certificate, GST Registration Certificate indicating also the GSTIN number of the firm must be clearly mentioned in the quotation, Certificates must be enclosed.
- (b) GST Deduction at source as per Order/notification of the Govt. of India will be applicable.
- (c) GST No of NIT Arunachal Pradesh is 12AABAN3369B1Z3
- (d) HSN/SAC No of the items must be clearly mentioned in the quotation along with GST No.
- (e) As per Notification No. 45/2007-Central Tax (Rate) dated 14.11.2017 and 47/2017-Integrated Tax (Rate) dated 14.11.2017, issued by Ministry of Finance, NIT Arunachal Pradesh will avail 5% GST rate, on the items, as mentioned in the notification.

**14. Payment:**

- (a) 100% Payment within 45 days from the date of successful delivery, installation and commissioning/ acceptance of goods at NIT Arunachal Pradesh, generally through A/c payee cheque. **OR**
- (b) 90% Payment against delivery and 10% payment after successful installation and/ or commissioning of the ordered goods at site. **(Please note as per Institute's norm advance payment is not allowed for indigenous purchase).**

**15. Enquiry during the course of evaluation not allowed:** No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative (NIT Arunachal Pradesh) can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same..

**16. Performance Bank Guarantee**

If PO value is above Rs.5 Lakhs, the successful bidder, to whom the PO is placed, shall furnish an unconditional Performance Bank Guarantee from a scheduled Bank of India, for 10% of the Purchase Order value, within 21 days of placement of order. Other normal Institute guidelines on PBG shall apply in this case.

**17. Acceptance of quotations:** The acceptance of the quotation will rest solely with the Director, NIT-AP, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.

**18. Force Majeure:**

If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

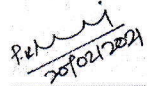
- I) any law, statute or ordinance, order action or regulations of the Government of India,  
II) Any kind of natural disaster, and  
III) Strikes acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

**19. Termination for default:** Default is said to have occurred

- (a) If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- (b) If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by NIT.
- (c) If the supplier fails to perform any other obligation(s) under the contract.
- (d) Under the above circumstances NIT may terminate the contract / purchase order in whole or in part. In addition to above, NIT may at its discretion also take the following actions: NIT may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate NIT for any extra expenditure involved towards goods and services obtained. Besides, the Director, NIT-AP, and reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor.

**20. Applicable Law:**

- (a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Arunachal Pradesh or India only.
- (b) Any dispute arising out of this purchase shall be referred to the Director NIT Arunachal Pradesh, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Director of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.



**Dr. P.K Mohanty**  
**(DIC) R&D**  
**NIT- A.P Yupia-791112**

**ANNEXURE –I**  
**TECHNICAL SPECIFICATIONS**

**Name of Equipment:**

Sl No.	Description of item required by NIT-AP	Qty																																														
01	<p><b>Laptop with accessories</b> With minimum specifications: 10<sup>th</sup> generation Intel core i7 processor, 16 GB RAM, 512 GB SSD, 2 GB NVIDIA graphics card, Full HD LED display, weighing less than 1.5 kg.</p> <p><b>Multimedia</b></p> <table border="0"> <tr> <td>Secondary Camrear facing</td> <td>Not mandatory</td> </tr> <tr> <td>Inbuilt Microphone</td> <td>Yes</td> </tr> <tr> <td>Webcam</td> <td>Yes</td> </tr> <tr> <td>Audio Solution</td> <td>HP Audio Boost</td> </tr> <tr> <td>Speakers</td> <td>Quad Speaker</td> </tr> <tr> <td>Video Recording</td> <td>720p HD</td> </tr> </table> <p><b>Performance</b></p> <table border="0"> <tr> <td>Clockspped</td> <td>1.8 Ghz</td> </tr> <tr> <td>Graphic Processor</td> <td>NVIDIA Geforce MX250</td> </tr> <tr> <td>Processor</td> <td>Intel Core i7-10510U (10th Gen)</td> </tr> <tr> <td>Graphics Memory</td> <td>2 GB</td> </tr> </table> <p><b>Memory</b></p> <table border="0"> <tr> <td>Ram Type</td> <td>DDR4</td> </tr> <tr> <td>Memory Layout</td> <td>1x16 Gigabyte</td> </tr> <tr> <td>Memory Slots</td> <td>1</td> </tr> <tr> <td>Ram Speed</td> <td>2400 Mhz</td> </tr> <tr> <td>Capacity</td> <td>16 GB</td> </tr> </table> <p><b>Display Details</b></p> <table border="0"> <tr> <td>Display Type</td> <td>LED</td> </tr> <tr> <td>Display Size</td> <td>13.3 Inches (33.78 cm)</td> </tr> <tr> <td>Display Resolution</td> <td>1920 x 1080 Pixels</td> </tr> <tr> <td>Display Touchscreen</td> <td>Yes</td> </tr> <tr> <td>Display Features</td> <td>Full HD LED Backlit BrightView Micro Edge Touch Screen Display</td> </tr> <tr> <td>Pixel Density</td> <td>166 ppi</td> </tr> </table> <p><b>Peripherals</b></p> <table border="0"> <tr> <td>Keyboard</td> <td>Full Size Island-style Keyboard</td> </tr> <tr> <td>Pointing Device</td> <td>Touchpad with multi-touch gesture support</td> </tr> </table>	Secondary Camrear facing	Not mandatory	Inbuilt Microphone	Yes	Webcam	Yes	Audio Solution	HP Audio Boost	Speakers	Quad Speaker	Video Recording	720p HD	Clockspped	1.8 Ghz	Graphic Processor	NVIDIA Geforce MX250	Processor	Intel Core i7-10510U (10th Gen)	Graphics Memory	2 GB	Ram Type	DDR4	Memory Layout	1x16 Gigabyte	Memory Slots	1	Ram Speed	2400 Mhz	Capacity	16 GB	Display Type	LED	Display Size	13.3 Inches (33.78 cm)	Display Resolution	1920 x 1080 Pixels	Display Touchscreen	Yes	Display Features	Full HD LED Backlit BrightView Micro Edge Touch Screen Display	Pixel Density	166 ppi	Keyboard	Full Size Island-style Keyboard	Pointing Device	Touchpad with multi-touch gesture support	01
Secondary Camrear facing	Not mandatory																																															
Inbuilt Microphone	Yes																																															
Webcam	Yes																																															
Audio Solution	HP Audio Boost																																															
Speakers	Quad Speaker																																															
Video Recording	720p HD																																															
Clockspped	1.8 Ghz																																															
Graphic Processor	NVIDIA Geforce MX250																																															
Processor	Intel Core i7-10510U (10th Gen)																																															
Graphics Memory	2 GB																																															
Ram Type	DDR4																																															
Memory Layout	1x16 Gigabyte																																															
Memory Slots	1																																															
Ram Speed	2400 Mhz																																															
Capacity	16 GB																																															
Display Type	LED																																															
Display Size	13.3 Inches (33.78 cm)																																															
Display Resolution	1920 x 1080 Pixels																																															
Display Touchscreen	Yes																																															
Display Features	Full HD LED Backlit BrightView Micro Edge Touch Screen Display																																															
Pixel Density	166 ppi																																															
Keyboard	Full Size Island-style Keyboard																																															
Pointing Device	Touchpad with multi-touch gesture support																																															

### General Information

Dimensions wxhxd	307 x 211 x 14.7 mm
Operating System Type	64-bit
Weight	1.2 Kg
Operating System	Windows 10 Home Basic
Model	13-aq1020tx (8JU78PA)
Brand	HP
Colors	Natural Silver

### Networking

Wireless Lan	802.11 a/b/g/n/ac
Bluetooth	Yes

### Storage

Ssd Type	M.2/Optane
Ssd Capacity	512 GB

### Battery

Power Supply	65 W AC Adapter W
Battery Cell	4 Cell
Battery Type	Li-Ion

### Ports

Microphone Jack	Yes
Sd Card Reader	Yes
Headphone Jack	Yes

### Others

Sales Package	Laptop, Battery, AC Adapter, User Guide
Warranty	1 Year
Lockport	No

02 Handheld digital audio recorder with accessories

Recording Media : SD card(16/64MB to 2GB), SDHC card(4GB to 32GB), SDXC card(48GB to 128GB)  
File Format : WAV, MP3  
Recording/Playback Format :  
WAV : 44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz, 16/24-bit

#### MP3 :

Sampling frequency : 44.1k / 48kHz  
Recording bit rate : 128k / 192k / 256k / 320k bps  
Number of Channels : 2 channels(stereo)

#### XY Mic:

Mic type: Unidirectional  
Sensitivity: -41 dB, 1 kHz at 1 pa  
Input Gain: ∞ to 46.5 dB  
Maximum SPL: 136 dB SPL

#### MS mic:

Mic type: 1x Unidirectional, 1 x Bi-directional  
Sensitivity: -37 dB, 1 kHz at 1 pa (unidirectional), -39 dB, 1 kHz at 1 pa (bidirectional)

01

	<p>Input Gain: <math>\infty</math> to 42.5 dB  Maximum SPL: 120 dB SPL (unidirectional), 122 dB SPL (bidirectional)</p> <p>Mic/Line In :  Connector : 3.5mm(1/8") Stereo mini jack  MIC : Source is set to EXT MIC  Input level : <math>\infty</math> to 46.5 dB  Input Impedance : 2k ohms</p> <p>Inputs (1 to 4)  Connectors: Combo XLR/TRS (XLR: Pin 2 Hot/TRS: Tip Hot)  Input Gain: <math>\infty</math> to 55.5 dB (Pad Off)  Input Gain: <math>\infty</math> to 35.5 dB (Pad On)  Input Impedance: 6.8 k<math>\Omega</math>  Maximum Input Level: 22 dBu (Pad On)  Phantom Power: 12 V /24 V /48 V (Independent Per Channel)  EIN: -120 dBu or less</p> <p>Analog Output :</p> <p>LINE OUT :  Connector : 3.5mm(1/8") Stereo mini jack  Rated Output Level : -10 dBu when output load impedance is 10 k<math>\Omega</math> or more</p> <p>PHONES :  Connector : 3.5mm(1/8") Stereo mini jack  Output Level: 20 W +20 W into 32 <math>\Omega</math> load  Built-In Speaker: 400 mw 8 <math>\Omega</math> mono speaker</p> <p>Battery operation time  With 2GB Card: 03:08:00 (44.1 kHz / 16-bit WAV), 34:43:00 (128 kbps MP3)  (Recording) : (Recording WAV, 44.1kHz, 16 bit)</p> <p>USB  Mass Storage Class: USB 2.0 High Speed</p> <p>Battery Life  Continuous Recording with Alkaline Battery: More than 20 hours</p>	
03	<p>Headset with microphone for speech/voice recognition</p> <ul style="list-style-type: none"> <li>• For speech/voice recognition</li> <li>• Noise cancellation feature</li> <li>• Easy call management using control unit</li> </ul> <p>Audio:</p> <ul style="list-style-type: none"> <li>• Headset bandwidth: Wideband</li> <li>• Speaker bandwidth music mode: Hi-fi</li> <li>• Speaker bandwidth speak mode: Wideband</li> <li>• Microphone bandwidth: Wideband</li> <li>• Speaker sensitivity: 93.6dB SPL @1kHz</li> <li>• Speaker impedance: 32+/-4.8<math>\Omega</math>, @1.0kHz</li> <li>• Speaker Max Input Power: Rated Input 5mW @0.4V, max input 10mW @0.56V</li> <li>• Speaker Frequency Range: 150Hz~7kHz, @Output S.P.L -10dB</li> <li>• Microphone type: Electret Condenser (ECM) Uni-Directional Microphone</li> <li>• Microphone Sensitivity: f=1kHz, Pin=1Pa,0dB=1V/Pa Min: -42 dB, Max: -38 dB</li> <li>• Microphone Frequency Range: 100 Hz – 10 kHz</li> </ul> <p>Connectivity:</p> <ul style="list-style-type: none"> <li>• AC power supply: USB power supply by PC</li> <li>• Bluetooth device: Desirable</li> <li>• Connection (mini jack, USB, etc): USB 2.0/3.0, 3.5mm jack</li> <li>• Cord length (minimum): Control cable: 95cm, HS cable: 120cm</li> </ul>	01

	<p>General:</p> <ul style="list-style-type: none"> <li>• Operating temperature:: 30 °C to + 80 °C Storage temperature range: (-20°C to +35°C 6 months), (+35°C to +45°C 3 months), (+45°C to +45°C 1 month), (+60°C to +70°C 1 hour with no degradation), (+70°C to +85°C max. 1 hour )</li> <li>• Features: Busy-light, USB Controller, Discreet boom-arm with magnet that integrates into the headset when not on calls, Connects to multiple devices (smartphone or tablet) with a 3.5mm jack</li> <li>• Warranty: 2 years</li> </ul>	
	<p>{For any query related to specification of the item, vendors are requested to Contact Dr. Yang Saring thru' email at <a href="mailto:ysaring@nitap.ac.in">ysaring@nitap.ac.in</a> }</p>	

**ANNEXURE -II**

**FORMAT FOR QUOTATION/BID**

**Name of Item :**  
**Quantity :**  
**Ref. :**

S.N.	Description of item quoted	Qty	Price
	Total Basic Price		
	Packing and forwarding charge (as applicable)		
	Transportation & Insurance Charge (upto Kolkata for foreign vendor), if any		
	Domestic freight and insurance(Kolkata to NIT-AP for foreign vendor), if any		
	GST, if any		
	Installation & Commissioning Charge, if any		
	Any other charge/s		
	Grand Total F.O.RNIT-AP		
	AMC Rate: Rate of AMC after the warranty period		

**Sign. :**.....  
**Vendor: M/s**.....

**Official seal of the vendor**

ANNEXURE –III

NIQ ref:

**BIDDERS DETAIL**

Sl. No.	Name of the company/Firm	To be filled by vendor (Documentary Proof must be attached as applicable)
01	Registered office Name & Address Contact person Name Designation Telephone number E-mail	
02	Name & Address of service centre in or nearest to Guwahaticity Contact person/s Name Designation Telephone number E-mail	
03	Is the company/firm a registered company/firm? If yes, mention year and place of the establishment of the company and submit documentary proof.	
04	Is the company/firm registered for GST? If yes, submit valid certificate.	

Sign. :.....  
Vendor: M/s.....  
Official seal of the vendor



**ANNEXURE –IV**

**COMPLIANCE CERTIFICATE**

**(A certificate of compliance to NIQ term to be enclosed)**

Certify that we have carefully examined the NIQ terms and fully understood its implications and do hereby agree to comply with all the terms, and hereby submit this compliance certificate.

<b>Sl. No.</b>	<b>General Terms and Conditions</b>	<b>Yes / No</b>
01	Details of the technical features of the offered equipment vis-à-vis NIQ specification	
02	Rates quoted as per instruction	
03	Standard Technical literature on each of the items offered	
04	Warranty period agreed	
05	AMC rates provided as instructed	
06	Validity period of quoted rate agreed	
07	EMD submitted (as applicable)	
08	Tender Fee Submitted.	
09	PBG term agreed	
10	Delivery terms agreed	
11	Certificate of Up-to-date Sales Tax clearance, GST Registration Certificate provided	
12	Payment term agreed	
13	Penalty clause for delay agreed	
14	Literature- Printed Literature with highlight and tag on the quoted item provided	
15	Manufacturer/Authorization certificate submitted	
16	Quality certificate as claimed submitted	
17	After Sales Service term agreed and detail address & contact provided	

**Sign. :.....**  
**Vendor : M/s.....**

**Official seal of the vendor**