

# Quotations

are invited

*for*

**Tender No.: IIT (BHU)/PH/FY/2019-20/QTN/M/111**

**Tender Date: 03.03.2020**

**Last Date & Time of Bid Submission: 13.03.2020 at 03:00 P.M**



**Department of Pharmaceutical Engineering &  
Technology, Indian Institute of Technology (Banaras  
Hindu University) Varanasi-221005**

**DEPARTMENT OF PHARMACEUTICAL ENGINEERING & TECHNOLOGY  
INDIAN INSTITUTE OF TECHNOLOGY (BANARAS HINDU UNIVERSITY)  
VARANASI – 221005**

**REQUEST FOR QUOTATION**

**Sub.: Request for Quotation for Supply and Installation of Interactive Flat Panel and Conference Audio System at IIT (BHU), Varanasi**

Dear Sir,

It is proposed to buy the items mentioned below for our Institutional purpose. Accordingly, you are hereby requested to submit your valid and firm quote for supply, installation, commissioning, certification etc. for below mentioned specifications as per the terms & conditions indicated herein below in respect of the following items. Your bid MUST be reached to **Prof. S.K. Shrivastava, Department of Pharmaceutical Engineering & Technology, IIT (BHU) Varanasi - 221005, U.P.** within due date.

SL. NO.	Name of Items	Description /Technical Specification	Quantity
1.	<b>Interactive Flat Panel and Conference Audio System</b>	As per Annexure I-C	01

**Please Note:**

You are requested to kindly go through the detailed Terms & Conditions mentioned below and overleaf and submit your most competitive bid applicable to Educational and Research Institutes/IITs.

1. Please mention the enquiry no. & due date on the Bid envelop.
2. Full specification and make of the item offered and its rate F.O.R. Varanasi.
3. GST at concessional rate as applicable to IITs.
4. Your GST registration number, PAN number.
5. Conditions of supply and terms of payment.
6. If you are a manufacturer of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
7. Please give undertaking as per Annexure-I-A, I-B and quote the price in Annexure I-E.
8. If the bidder is an authorized dealer, then copy of authorization certificate should be enclosed with the quotation.
9. The Bank/RTGS detail must be submitted along with the quotations/Tenders on the letter head.
10. All communications related to this tender should be addressed to the undersigned only.
11. **Tender Processing Fee: Rs. 590/- (Rs. Five Hundred Ninety only) (Non-refundable & Inclusive of GST).** Last date and time for submitting Tender Processing fee: **13.03.2020 (up to 15:00 Hrs).** The Tender Processing Fee is to be paid by RTGS/NEFT payable at Varanasi before the Bid Opening Date and time. GST at concessional rate will be applicable as per GST Notification No. 45/2017-CENTRAL TAX (RATE) & 47/2017- INTEGRATED TAX (RATE) Dated 14-11-2017, @ 5%. Tender fees can be paid through RTGS/NEFT) as per the following details:  
Name of Account - Registrar, IIT (BHU)  
Name of the Bank - State Bank of India  
Name of Branch - IT, BHU, Varanasi  
Account No. - 32778803937  
IFSC Code - SBIN0011445

The proof of payment must be enclosed with Bid.

**Terms & Conditions**

**The offer must comprise of the following in addition to the tender fee as given above failing which it will be treated as non-responsive hence rejected:**

1. **Price:** The bidder needs to quote the price in price bid format (annexure I-D).
2. **Taxes and Levies:** Taxes as applicable should be mentioned clearly in percentage (%) and in exact Figure. If No Tax is mentioned it will be presumed that the Price is inclusive and the Bidder is responsible for all Tax related Compliances. Statutory Levies will be accepted on production of valid documents.
3. **Concessional GST is applicable to IITs.** Certificate will be provided as and when required.
4. **Discounts:** The bidder need to mention clearly the exact figure of discount offered to IIT (BHU) being a premier Academic Institution and also the Percentage, if any.

5. **Custom Exemptions:** IIT BHU, Varanasi being an academic Institute is entitled for payment of Concessional Customs Duty on import of Scientific Instruments for Academic and Research purposes in terms of *Govt. Notifications* and payment of IGST on Import. Institute will provide the required certificates as and when required.
6. **Validity of the Quote:** The validity period of the offer should be clearly specified. It should be at least for **90(Ninety) days** from the last date of submission of quotations.
7. **Delivery Terms:** FOR, IIT BHU, Varanasi destination Campus. Rates should be quoted accordingly.
8. **Delivery Schedule:** Delivery within 4-6 weeks. Items should be delivered only on Working Days (Monday to Friday) during office Hours only.
9. **Terms of Acceptance:** The items will be treated Accepted only after Inspection for Features and Functions. This includes delivery, installation & commissioning, inspection, demonstration, Training schedule etc.
10. **Specification and Make:** Quotation should confirm the exact specification and make, Model, if any shown in the enquiry against Sl. No. of the item. In the view of the supplier there is any other alternative item which can serve out purpose, quotation may also be given for the same separately client list along with the order copy of similar equipment supplied to any IITs/ any Govt. Organization including detail of price & all charges must be attached.
11. In the case of items quoted having specifications different than those mentioned in the enclosed Tender format, kindly submit the information and the prices in the same format but on additional Sheet.
12. **Insurance:** The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed & dispatched and delivered at the risk of supplier. In case of damage consignment the same should be replaced without any cost to the Buyer and the supplier can collect the damaged consignment after satisfactory replacement.
13. **Payment:** Payment will be released through wire transfer/bank RTGS transfer/Cheque after arrival, testing, inspection, installation of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions. For the payment, the firm has to submit bill(s), challan(s), warranty certificate, bank details/cancelled cheque, installation report, performance bank guarantee (if required) etc.
14. **Guarantee/Warranty:** The equipment should be guaranteed onsite against any manufacturing defect for a period of at least 01 year by OEM from the date of installation and final acceptance.
15. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replace/repared free of cost at our premises. In case the Part or Equipment is to be taken out of IIT (BHU), Varanasi, the Supplier has to furnish an undertaking and also take it at their own cost and Risk.
16. **Liquidated Damages:** As Time is the essence of this order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 1% per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT (BHU), Varanasi. In case of delay in installation and Commissioning, Inspection, Certification etc. also the same rate of penalty shall be leviable.
17. **Cancellation:** IIT BHU, Varanasi reserves the right to accept or reject or cancel any or all enquiries or quotations at any stage without assigning any reason thereof.
18. In case of cancellation of order due to Non-compliance of the Terms and Condition and Breach of the Contract, No compensation will be paid towards progress of order/procurement.
19. For any dispute, the place of jurisdiction shall be Varanasi, UP, India only.

Yours' sincerely,

**Prof S.K. Shrivastava**  
**Pharmaceutical Engineering &**  
**Technology, IIT (BHU)**

## INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

<b>TO BE RETURNED</b>
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Following proforma should be filled in and duly signed by the firm and sent alongwith the quotation. (Please refer to the detailed instructions/notes before filling this proforma).

1. Validity of the offer : .....
2. Approximate Delivery Period : .....
3. (a) Whether rates have been quoted F.O.R. site and covers packing forwarding and insurance charges. : YES / NO
- (b) If not, please mention the same : .....
4. (a) Whether the prices are inclusive of GST and : YES / NO  
other taxes.
- (b) If not, kindly specify the amount / rate : .....
5. If the GST is charged extra, please mention the rate : .....
6. (a) Whether supply will be made directly or through any Local / Regional / Authorized Dealer / Stockist : Directly/Stockist/Authorized Dealer
- (b) If through a Stockist / Dealer: -
- (i) Name and full address of the Party : .....
- (ii) Whether the order to be placed with the : Principal / Stockist / Dealer
- (iii) Who will raise the bill : Principal / Stockist / Dealer
- (iv) Payment will be made in favour of : Principal / Stockist / Dealer
- Dealer
- (v) Whether any Delivery, Packing and Forwarding Charges will be payable to local Stockist/Dealer : YES / NO  
(Please specify the amount/percentage etc, if any)
7. Our terms of payment : 100% Payment on bill basis
8. Whether any installation charges are payable extra. : YES / NO  
If yes, amount to be specified. : .....
9. Whether any discount for educational institution : YES / NO  
offered on the printed price list of the manufacturer.  
Please mention the amount / percentage. : .....
10. Whether the product is on DGS &D/D.I. Rate contract. : YES / NO  
If yes, please enclose a photocopy of the same.
11. Whether the product bears I.S.I. Mark. : YES / NO  
If yes, please mention the I.S.I. License no. : .....
12. (a) Whether the firm is GST payer. : YES / NO  
If yes, please mention the GST Number. : .....
- (b) Whether the Local Dealer(s) is / are GST payer(s) : YES / NO  
If yes, please mention the GST number of each : .....
13. Whether printed / authenticated price list of the Firm's Products and Catalogue etc. enclosed. : YES / NO

Signature of the Authorised Official with Seal

TO BE RETURNED WITH QUOTATION

**UNDERTAKING**

***WE HEREBY UNDERTAKE THE FOLLOWING:***

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than those quoted by us to IIT (BHU).
2. The GST levied is as per Govt of India norms amended from time to time.
3. The goods / Stores / articles offered shall be of the best quality and workmanship and their supply will be strictly in accordance with the technical specifications and particulars as detailed in the quotation.
4. The information furnished by us in the quotation is true and correct to the best of our knowledge and belief.
5. We have read and understood the rules, regulations, terms and conditions and agree to abide by them.

***Authorised  
Signatory(Seal)***

**Technical Specifications**

<b><u>Interactive Flat Panel</u></b>	
<b>Technology</b>	TFT LCD with DLED Backlit
<b>Display Size (diagonal)</b>	86" or higher
<b>Aspect Ratio</b>	16:09
<b>Resolution</b>	3840 x 2160 4K Ultra HD
<b>Flicker Free</b>	Should have Blue Light Filter
<b>Static Contrast Ratio</b>	1200:1 ( typ) or higher
<b>Brightness</b>	350 nits or higher
<b>Display Colour</b>	1.07B colors or higher
<b>Input Ports</b>	HDMI 2.0 x 3; VGA x 1; Audio x 1 ; CVBS (AV) ; RS 232 x 1; Slot In For PC Built-in x 1; Wi-Fi Module Slot Built-in x1; or more
<b>Output Ports</b>	HDMI x 1; Audio Out x 1
<b>LAN</b>	RJ 45 x 1 or more
<b>USB</b>	3.0 x 3; 2.0 x 2 2.0 ( For Touch) x 2 Camera USB x 1
<b>Speakers</b>	10W x 2 Stereo speakers and 15W Subwoofer
<b>Touch</b>	Type: Should be IR Recognition; Touch Resolution: 32767 x 32767 or higher Touch Point : 20 Points or higher Writing : 10 Points or higher Response Time: < 8ms or better Supports: Windows 10/ Windows 8 / Windows 7 / Windows XP / Vista / Linux/ MAC / Android/ Wince / Chrome
<b>Embedded Player CPU Inbuilt</b>	Android Version: 7.0 or higher CPU: ARM Dual Core Cortex A72 1.2G Hz or higher Memory : 2GB DDR 4 or higher Storage : 16GB eMMC or higher
<b>Smart USB Port</b>	The USB should detect and follow the current video input facilitating the user to use front USB ports while attaching their own device.
<b>Anti Scratch – Anti Glare</b>	Minimum 7H scratch resistant and Anti Glare or higher
<b>Camera Port</b>	To facilitate the user not to unplug and use the same camera port while switching between Slot-in-PC or Android.
<b>Casting in Android</b>	It should allow- broadcasting of IFP Screen from 1 to many and should also allow devices (Windows, Chrome, MAC) to broadcast their content on the screen. Minimum 4 screens should be broadcasted simultaneously on IFP.
<b>Mirror Extending</b>	Should have flexibility to allow content to be mirrored on two IFP simultaneously through HDMI Out.
<b>Save Option</b>	Should have Built-in save option for the annotation and work done directly to Google Drive and One Drive. .
<b>Quiz</b>	Should have Built in Tool to allow participants to submit answers from their Smart Phones using as answering/voting device.
<b>Zoom Video Conferencing</b>	Should have Built in Zoom Video Conferencing as an integral part of IFP
<b>QR Code Scan</b>	Should have File download feature in smart phone just by scanning the QR code
<b>Email</b>	Should have facility to email the whole annotation file directly without saving File.

<b>Split Screen</b>	Should have the feature, built-in facility to split the screen in 2, 4 and 6 for simultaneous function / working on various application
<b>Annotation/Writing</b>	Should be able to write on a Blank screen and on any application – PPT, Word, Excel, PDT, Web Browser, Video etc.
<b>Floating Tool</b>	Should have floating tools which should appear just by press of 2 fingers for writing / annotation
<b>Wireless Content Sharing</b>	The Panel should allow user to share / mirror the content of Laptop/Desktop ( Mac, Windows) and mobile devices ( iOS, Android) wirelessly Wireless Presentation should allow user to access their Laptop / Desktop through touch Panel.
<b>Video Conference</b>	Should support USB based PTZ cameras allowing Software based Video Conferencing
<b>Built-in PC Slot</b>	Should have slot for the built-in PC
<b>Warranty</b>	03 Years
<b>Wi-Fi and Bluetooth Dongle</b>	CPU : Realtek RTL 8821AU-VS; Interface: USB-2.0; Wireless / Bluetooth- Wi-Fi Standard: 802.11 a/b/g/n/ac, 2.4G & 5G ( 5150Mhz-5250MHz & 5725MHz-5825MHz) Up to 433.5Mbps; Bluetooth: Support 2.1/3, 0/4.0 BLE; Voltage : 5V DC, Consumption: <2.5W
<b>Approved Make</b>	ViewSonic/Samsung/Sony

<b>Supply &amp; Installation of Conference Audio System</b>	
1.	1 x Chairman Unit with 18.5” Sleek Flexible Gooseneck Mike/with chairman’s priority switch/built in loudspeaker/ /Headphone output with volume Control
2.	45 x Delegates Units with 18.5” Sleek Flexible Gooseneck Mike/built in loudspeaker/Headphone output with volume Control
3.	2 X PA Amplifiers for Conference System
4.	6 x 15 Watt Wall Mount Speakers with Amplifier
5.	1 Set of Cordless Mike
6.	Cables/Connectors/Cabling & Installation Charges (if any)

## **Special Terms:**

1. The Manufacturer / Bidder should not be associated or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the purchaser to provide consulting services for the preparation of the design, specification, and other documents to be used for the procurement of the goods to be purchased under this invitation of tenders.
2. Manufacturer / Bidders shall not be under any declaration of ineligibility for corrupt and fraudulent practices issued by any state Government / GOI / Union tertiary. The Manufacturer/Bidder should not be a defaulter of any financial institute or Bank and their assets should have never been put on auction for recovery of debts.
3. The Manufacturer / Bidder should be in the business in India for more than 4 years as on 31-12-2019. This should be supported by the certificate of registration issued under the companies act by a competent authority.
4. The Manufacturer / Bidder should submit catalogue with complete technical details with Make and Model for technical evaluation purpose. Bids without Catalogue or with incomplete information will be rejected.
5. There should be no complaint against the Manufacturer/Bidder for poor performance of the equipment supplied.
6. The Manufacturer / Bidder should submit last year ITR.
7. The Bidder should submit Authorization certificate from the OEM for this Tender with Tender No. mentioned in it.
8. The Manufacturer / Bidder shall be ready for demonstration of the product quoted, on short notice as per the tendered specifications.
9. Institute - is the final authority to judge the tender and has every power to accept or reject any bid without assigning any reason.
10. Technically qualified bidders should demonstrate the product functionality during the installation and training.
11. The Bidder should undertake to provide after sale service whenever needed by the purchaser.
12. Financial Bid of only Technically Qualified Bidders will be opened.



**PRICE SUBMISSION FORM**

**RFQ NO.:**  
**Name of the Company/Firm M/S.** \_\_\_\_\_

**Date:**

	Description	Quantity	Price per Unit in INR	Total Price
<b>Price</b>	Price of the item	1		
<b>Discount</b>	Discount to IITs, if any			
<b>Net Price</b>	Net Price			
<b>Taxes</b>	Concessional GST applicable for IITs			
<b>Other Charges, if any</b>				
<b>Total Landing Price to IIT BHU, Varanasi (in Figures)</b>				
<b>Total Price in Words</b>				

*Price quoted is firm and final with Validity as per the terms of IIT BHU, Varanasi tender Terms.*

**Signature of the Authorized person with seal and date**