

**OFFICE OF THE PRINCIPAL :: JAGANNATH BAROOAH COLLEGE  
JORHAT :: ASSAM**

**PIN: 785 001**



**BID DOCUMENT**

**FOR**

**NAME OF THE WORK: SUPPLY, INSTALLATION & COMMISSIONING OF  
LABORATORY EQUIPMENTS FOR THE DEPARTMENTS OF  
BOTANY, CHEMISTRY, ELECTRONICS, GEOGRAPHY,  
PHYSICS & STATISTICS UNDER RUSA 1.0 SCHEME**

**TENDER No: JBC/RUSA/1.0/C-8497/03/874**

**Date 08/12/2020**

# JAGANNATH BAROOAH COLLEGE (AUTONOMOUS)

Jorhat, Assam - 785001

NIQ No: JBC/RUSA/1.0/C-8497/03/874

Date: 08-12-2020

## Notice Inviting Quotation

Jagannath Barooah College (Autonomous) invites quotations in sealed envelope for **Supply, Installation & Commissioning of Laboratory Equipments for the Departments of Botany, Chemistry, Electronics, Geography, Physics & Statistics under RUSA 1.0 Scheme** given in this notice to be executed at JB College, Jorhat, Assam - 785001. The quotations document can be downloaded from the website [www.jbcollege.org.in](http://www.jbcollege.org.in)

## Schedule of Work

Details	Information
<b>Bidding System</b>	Two bid system: Technical Bid & Financial Bid (separate sealed)
<b>Quotations Floating Date</b>	December 08, 2020
<b>Quotations Closing Date &amp; Time</b>	December 23, 2020 (1:00 PM)
<b>Technical Bid Opening Date &amp; Time</b>	December 24, 2020 (11:00 AM)
<b>Financial Bid Opening Date &amp; Time (Tentative)</b>	December 24, 2020
<b>Quotations Submission, and Place of opening the bid documents</b>	Office of the Principal, Jagannath Barooah College (Autonomous), Jorhat, Assam – 785001
<b>Earnest Money Deposit (EMD) Non-interest bearing, Refundable</b>	2% of the total quoted value  To be deposited on-line favouring JB College RUSA (Canara Bank, Jorhat branch, Post Box No. 61, 117/118, Garali, Jorhat, Assam – 785001, A/C No. 1154101023439, A/C type - Savings, IFSC: CNRB0001154).
<b>Tender Processing fee (Non-Refundable)</b>	Rs. 1000 only
<b>For any Clarification</b>	Mr. Nilave Bhuyan, <a href="mailto:njbc@rediffmail.com">njbc@rediffmail.com</a> , 9954476920
<b>Website</b>	<a href="http://www.jbcollege.org.in">www.jbcollege.org.in</a>
<b>No. of Pages in the Quotations Document</b>	16

Sd/-  
Principal,  
JB College, Jorhat

## General Terms and Conditions

1. In this NIQ document the Institute means “Jagannath Barooah College (Autonomous), Jorhat, Assam (JB College, Jorhat)”; the BUYER means JB College, Jorhat and SELLER/BIDDER means the successful bidder awarded the Purchase Order (PO)/work order; the word “Quotations” and “Bid” is used interchangeably having same meaning. Here, the word supply/agreement/contract/project means the Purchase order for the goods given in the scope of the work. Goods/Items/Works means the items/service mentioned in the scope of work. A quotations /bid document means all the pages of this document consisting of terms and conditions, specifications, bid formats, undertaking, etc.

### 2. Scope of Work:

Sealed Tenders are invited from reputed manufactures/authorized dealers having experience of working in NAAC accredited ‘A’ grade UG Colleges for supply, installation and commissioning of Laboratory Equipments for various departments of this College (Annexure B) to be procured in RUSA 1.0 scheme.

### 3. Format for submission of bid:

The bid shall be submitted only in the *forms and formats* attached with this bid document and every page of the bid document should be signed and stamped by authorized person. The bid should be forwarded by the bidders under their original memo/letter head inter alia furnishing all the required details. All bidding documents and rate quotations must be in English. One signed copy of the quotations document, with bidding firm seal, agreeing to the terms & conditions and declaration etc. must also form part of the submitted bid.

### 4. Two Bid system:

The bidding process shall consist of **TWO bid system** to be submitted with affixed Court Fee Stamp Rs. 8.25 (Rupees eight point two five paise) only (for local bidders) or IPO of Rs. 10/- (Rupees Ten) only (in case of bidders from outside of the State of Assam) in favour of “Principal, JB College” payable at Jorhat, Assam- 785001.

**Part-I: Technical bid** must comprise of the following:

- (i) **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must enclose valid dealership certificate.
- (ii) Duly filled, signed and stamped **Technical bid** on the **Letter Head [Annexure-A]**.
- (iii) Duly filled, signed and stamped Compliance Certificates on the **Letter Head [Annexure-C (i), (ii)]**.
- (iv) The bidder must submit/supply records and satisfactory certificate of completing similar turnkey work, if any.
- (v) EMD in the form of Demand Draft must be enclosed with the Technical Bid Only. (DO NOT PUT EMD IN FINANCIAL BID). If any exemption is sought, proper supporting document must be given. The evaluation committee reserves the right on acceptability of such claims as per rules.
- (vi) **Trade license**/Certificate of registration (as applicable) of the agency with the government in the required business/field will be enclosed with technical offer.
- (vii) The **GST registration** number and photocopy of the certificate.
- (viii) **The PAN number** of proprietor/firm/companies with photocopy of the PAN card.
- (ix) **After Sales Service:** Vendor should clearly state the available nearest after sales service facilities in the region, without which the offer will be rejected.

(x) The enclosed formats in original should be used for the Bids. All sheets submitted must be signed by the authorized signatory of the company and duly affixed with firm's stamp. Additional sheets, duly authenticated may be attached to elucidate specific issue, if any.

(xi) The Bidder must be experienced vendor evidenced by copies of POs issued by Govt. Organizations in last Three years.

(xii) No sublet. Bidder awarded the PO must supply.

Non-compliance of any of the above may result in rejection of the bid summarily and no query in this regard shall be entertained.

**Part-II:** Duly sealed and signed Financial Bid/Price Bid in the format given at **Annexure-B** must be placed in separate envelope super-scribed with "**Financial Bid for Supply of Books at JB College, Jorhat**".

(i) **Rates:** Rates quoted in the **Price Bid** should be on **DOOR DELIVERY J.B. College basis**, as per details below:

<b>Sl. No</b>	<b>Particulars</b>	<b>Rate (per unit)</b>
1	Basic Price	
2	Discount if any	
3	Total	
4	Taxes (pl. give break up)	
5	Total (per unit)	
6	Annual Maintenance Contract rate (after expiry of warranty period)	

(ii) **Genuine Pricing:** Vendor is to ensure that quoted price for the particular item is not more than the price quoted to any other customer in India. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with the offer.

(iii) **Warranty:** The quoted equipment and components must be warranted for a minimum of 1 (=one) year or period specified against the item.

(iv) **Literature must:** All the quotations must be supported by the printed technical data sheet/ literature and the specifications mentioned in the quotation must be reflected/ supported by such printed technical data sheet/ literature. The model no. and specifications quoted should **invariably be highlighted** in the data sheets/ literature for easy reference.

(v) **Quality Certificates:** Valid certificate to prove the genuineness of the products and of International standard, as mentioned below, must be enclosed.

(a) Manufacturer's certificate.

(b) ISO/ISI certificate.

The Part-II (Financial Bid) of only technically qualified bidders shall be opened, as decided by the Technical Evaluation Committee. The decision of the Technical Evaluation Committee shall be final and binding on all the bidders.

## **5. Bid Security (EMD):**

The Bid Security (i.e., Earnest Money Deposit, EMD) will have to be deposited on-line favouring JB College RUSA (Canara Bank, Jorhat branch, Post Box No. 61, 117/118, Garali, Jorhat, Assam – 785001, A/C No. 1154101023439, A/C type - Savings, IFSC: CNRB0001154) along with the **Technical Bid**.

Offer without EMD will be rejected summarily except in case of exempted bidders holding valid MSME/NSIC license exempting such bidders from furnishing of EMD.

The Bid Security of unsuccessful bidders shall be refunded after finalization of bid/award of contract to successful bidder. The EMD of successful bidders shall be returned along with the payments for the supplied books. The Bid Security may be forfeited, if any winning bidder fails or refuses to supply the equipments. The decision of the institute authorities shall be final and binding on the bidder(s).

**6. Validity:** Bids shall remain valid for 90 days from date of the Quotations closing Date.

### **7. Delivery & Installation:**

**a. Time Limit:** Maximum within 60 (Sixty) days from the date of issue of formal 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 J.B. College, Jorhat.

**d. Part Delivery:** Acceptance of part delivery shall be a prerogative of the institute.

**e. Penalty for delay in delivery:** The date of delivery should be strictly adhered to otherwise the J.B. College authority reserves the right not to accept delivery in part or full.

### **8. Payment terms and the Paying Authority:**

Principal, JB College, Jorhat shall be the payment authority. The payments of bills will be made on submission of the following documents by the **seller** to the paying authority along with the bill:

(a) Ink-signed copy of Commercial invoice/contingent bill/seller's bill in triplicate copy.

(b) Exemption certificate for GST, if applicable (BY BUYER).

(c) Since the procurement is done under RUSA, payment will be made through PFMS portal, Government of India. Successful bidder has to produce firm details and bank account in prescribed format for registration at PFMS portal (if these details are not incorporated in supply order/contract).

(d) No advance payment(s) will be made.

### **9. Determination of Lowest Bidder: Price Evaluation**

(a) The prices shall be compared item by item, and the lowest bid to be determined on the basis of final discounted price per item (including all incidental costs, e.g., taxes, transportation, etc.)

(b) In case of tie in the final discounted price per book, the order may either be (i) shared between the bidders quoting L1; (ii) or awarded to sole/ shared based on previous proven good performance to JB College, Jorhat or other Govt. Organizations (proved/determined through credentials submitted); (iii) or any other method adopted by the JB College, Jorhat committee. But in any case, the decision of the JB College, Jorhat shall be final and shall be binding on the bidders.

**10. Conditional tenders not acceptable:** All the terms and conditions mentioned herein should be strictly adhered to by all the vendors. Conditional tenders shall not be accepted by the tender inviting authority. Conditions mentioned in the tender bids submitted by vendors will not be binding on J.B. College.

**11. 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 the J.B. College authority.

(c) If the supplier fails to perform any other obligation(s) under the contract.

(d) Under the above circumstances J.B. College authority may terminate the contract / purchase order in whole or in part and forfeit the EMD. In addition to above, the authority may at its discretion also take the following actions: J.B. College authority 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 J.B. College authority for any extra expenditure involved towards goods and services obtained.

**12. Applicable Law:**

(a) The contract shall be governed by the laws and procedures established by Government of India and subject to exclusive jurisdiction of Competent Court and Forum in Assam / India only.

(b) Any dispute arising out of this purchase shall be referred to the Principal, J.B. College, Jorhat 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 J.B. College authority. The decision of such Arbitrator shall be final and binding on both the parties.

**13. Amendment in Bid/Quotations Document:**

At any time up to the last date of receipt of Bids, the College may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bid/quotations document by an amendment. The amendment will be notified in writing through Institute website or email (if provided) to all the prospective Bidders, the same shall be binding on all the prospective bidders. The Institute may, at its discretion, extend the last date for the receipt of Bids/cancel the Bidding process. It shall be the responsibility of the interested bidder(s) to regularly visit the website for any amendment/information.

**Sd/-**  
Principal  
J.B. College, Jorhat

**Part-I: Technical Bid**  
(On the letter head of the Bidder)

**Format for Profile of the bidder:**

Sl. No.	Particulars	Fill-in Details	Ref No./ remarks if any
1	Name and address of the Firm/Company/Agency		
2	Whether the firm is Proprietary/ Partnership Firm /Private Ltd./Public Ltd. /Others.		
3	Name of Proprietor/Partner of the firm/Agency		
4	Name & Contact detail of Authorized representative: (Designation, Address, Mobile No., E-mail ID)		
5	Month and Year of Establishment of Firm*		
6	Registration Number of the Firm*		
7	Number of years of experience in this field* supported by documents like POs received in last 3 years from Govt. organizations.		
8	Valid GSTIN Number*		
9	PAN number of the Firm or Proprietor*		
10	Trade License Certificate specifically mentioning nature of business.		
11	Other relevant documents as mentioned under “Submission of Quotations Document” & Terms & Condition		
12	Number of items quoted		

*\*Mandatory fields to fill with the copy of duly signed and the above points together constitute eligibility criteria.*

**Signature & Seal of the Firm/Company/Agency**

**Part-II: Financial Bid**  
(On the letterhead of the bidder)

The details of the equipments are given below-:

**(A) Department of Botany**

Sl No	Item	Specification	Make	Cat. No	HSN No	Rate	Discounted Price (Rs.)
1	Centrifuge	*Digital Speed Indicator *Stepless speed regulator *0-60 minutes digital countdown timer *Safety Lid interlock to prevent cover opening during centrifugation. *Max Speed-5250rpm *Max.RCF-3600g *Max.Capacity-400ml *Dimension-365×415×350mm *Supply: 220-240Volts 50Hz					
		8×15ml Swing out head with graduated glass tubes.					
2	Water bath	Double Walled, Outer Mild Steel Sheet, Epoxy coated, Inner Chamber of Stainless Steel, Temp. is controlled by Digital temp. controller cum indicator 95°C ± 1°C. Fitted with on/off switch, supplied with concentric rings and a cord. Inner Chamber: 300 × 250 × 100 mm. No of Holes: 6					
3	Student Compound Microscope	With triple revolving nosepiece, tube length 160 mm with coarse & fine motion knobs, fitted with moveable condenser N.A. 1.25, with iris diaphragm and filter holder. All parts are of aluminium die-casting and oven painted. Supply in thermocoel box with vinyl cover, duster, cleaning brush and operating manual. Ach. Objectives: 10X & 45X. Eye pieces: H10X & 15X.					



SI No	Item	Specification	Make	Cat. No	HSN No	Rate	Discounted Price (Rs.)
4	Midi Submarine Electrophoresis Unit	The unit includes buffer chamber, safety lid with cables. UV transparent tray and one each of 1.5 mm thick 15 and 20 well comb, Casting Tray:15×10cm					
5	Electrophoresis Power Supply Unit.	This unit can be used with submarine and mini vertical electrophoresis unit. It can run two units at constant voltage or constant current with maximum output of 300V, 400 mA and 80 Watts. Time can be set in 1-minute increment or continuous mode					
6	Soxhlet Extraction Heating Unit	Suitable for flasks of 100 ml., 150 ml., 250 ml. or 500 ml. cap. Unit is supplied with Heating Box fitted with Heaters (Hot Plates or Heating Mantles) individual energy regulators, neon lights, etc. adjustable rod, clamps & boss heads, with Glass parts. Unit with 6 hot plate type heaters.					
7	Ultra Violet Chromatography Inspection Cabinet	For viewing and detecting separated substances on T.L.C. layers, fitted with long wave (365 nm.) UV lamp for use on 220 volts A.C.					
8	UV-Vis Digital Spectrophotometer	<ul style="list-style-type: none"> <li>• 200 – 1000 nm Range</li> <li>• 2 nm Bandwidth</li> <li>• Manual 4 position sample changer</li> <li>• Single Position 20/50 mm Cuvette Holder</li> </ul>					

SI No	Item	Specification	Make	Cat. No	Rate	Discounted Price (Rs.)
9	Analytical balance	<ul style="list-style-type: none"> <li>• Capacity: 120g</li> <li>• Readability: 0.001g</li> <li>• Repeatability: 0.001g</li> <li>• Linearity (+/-): 0.002g</li> <li>• Response time: 2-3 sec</li> <li>• Display: Bright LCD display with LED backlite</li> <li>• Calibration: Automatic external calibration</li> </ul>				
10	Printer with Scanner	<ul style="list-style-type: none"> <li>• Functions: Print, Scan, Copy</li> <li>• Media supported: A4, A5, Envelop</li> <li>• Print technology: Laser</li> <li>• Duplex printing: Manual</li> <li>• Memory: 128 MB</li> <li>• Print speed: 20 ppm</li> <li>• Scan: Flatbed</li> <li>• Scan resolution: 4800 × 4800 dpi</li> <li>• Copies: Upto 99</li> </ul>				

**(B) Department of Chemistry**

Sl. No	Name of the Instrument	Make	Model No	Rate	Discounted Price (Rs.)
1	Study of Amplitude Modulation				
2	pH Meter				
3	Polarimeter				
4	Conductivity Bridge				
5	Single Beam UV-Vis Spectrophotometer				
6	COD Digestion Unit				
7	Analytical Balance (Cap. 220g, Readability 0.1 mg, Linearity (+/-) 0.2 mg)				
8	Analytical Balance (Cap. 120g, Readability 0.1 mg, Linearity (+/-) 0.2 mg)				

**(C) Department of Electronics**

Sl. No	Description	Product ID	Model No	Rate	Discounted Price (Rs.)
1	FPGA				
2	Dual Channel Oscilloscope				
3	Magnetic Stirrer with hot plate				

**(D) Department of Geography**

Sl No	Instrument	Model & Make	Rate	Discounted Price (Rs.)
1	<b>Transit Theodolite</b> Telescope: Model 20, Image Erect, Length-178 mm Magnification: 25X, Effective Aperture: 38mm, Field of View: 2.6 M at 100M Short Focus: 1.5m, Stadia Ratio: 1:100, Stadia Constant: 0 Resolving Power: 4", Circle Diameter: Hz113mm, V100 mm, Graduation: 20' Vernier Reading: 20", Plate Level Sensitivity: 45" / 2mm, Vertical Circle Level: 1' / 2mm			
2	Roter Meter			
3	<b>Digital Planimeter</b> (Maximum Area: 10 m <sup>2</sup> (1:1 scale), Display: 13 symbols, Accuracy: +/- 0.2%, Operation Time: Approx. 30 hours)			
4	<b>GPS Device</b> (Display size: 2.6" diagonal, Display type: 4 level gray LCD, Interface: USB and Serial, Storage: 1,000 waypoints and 100 tracks)			

**(E) Department of Physics**

<b>Sl No</b>	<b>Item No.</b>	<b>Make</b>	<b>Model</b>	<b>Rate</b>	<b>Discounted Price (Rs.)</b>
1	Zener Diode V-I Characteristics Apparatus (Forward & Reverse)				
2	Solar Cell Characteristics Apparatus				
3	UJT Characteristics Apparatus & UJT as Relaxation Oscillator				
4	To determine Mechanical Equivalent of Heat, J, by Joule's Calorimeter method				
5	To build Flip-Flop (RS, Clocked RS, D-type and JK) circuits using NAND gates				
6	Study of Amplitude Modulation.				
7	Study of Amplitude Demodulation.				
8	Study of Frequency Modulation.				
9	Study of Frequency Demodulation.				
10	Study of Pulse Amplitude Modulation.				
11	Study of Pulse Width Modulation.				
12	Study of Amplitude Shift Keying.				
13	Apparatus for Measurement of susceptibility of paramagnetic solution by Quinks' tube Method				
14	To measure the Magnetic susceptibility of Solids by Gouy's method (Suitable for fixed sample)				
15	Apparatus for the study of Interference, Diffraction & Polarization of Microwaves: The apparatus should be complete solution for the study of the transmission, reception and measurement of microwave power. The apparatus should be equipped with all sets of accessories for performing the following experiments of reflection, refraction, polarization diffraction and interference of microwaves.				

**(E) Department of Statistics**

<b>Sl No</b>	<b>Item</b>	<b>Specification</b>	<b>Make</b>	<b>Model</b>	<b>Rate</b>	<b>Discounted Price (Rs.)</b>
1	Desktop Computer	8th Generation Intel® Core™ i5 processor 4 GB DDR4-2666 SDRAM (1 × 4 GB) 1 TB 7200 rpm SATA Intel® UHD Graphics 630 HP 18.5" Monitor (#2NK17A7)				
2	Laptop Computer	8th Generation Intel® Core™ i5 processor (i5-8250U) 4 GB DDR4-2400 SDRAM (1 × 4 GB) 1 TB 5400 rpm SATA Intel® UHD Graphics 620				
3	Printer with Scanner	Print, copy, scan				

**Proforma for direct payment/transfer to bank account by JB College, Jorhat**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Information</b>
1	Firm (Beneficiary) Name	
2	Complete Bank Account No. of the Firm [beneficiary]	
3	Bank Name	
4	Bank Address	
5	IFSC Code no.	
6	Mobile no (for SMS)	
7	Email ID (for information)	
8	Please enclose a cancelled Cheque	

We undertake that all information provided above is correct and JB College, Jorhat will not be responsible in case of any error on the part of the firm.

**Signature & Seal of the Firm/Company/Agency**

**A. COMPLIANCE CERTIFICATE FOR NIQ TERMS  
(To be enclosed in the Technical bid)**

<b>Sl. No.</b>	<b>NIT Terms and Conditions</b>	<b>Yes/No</b>
01	<b>Rate</b> quoted as per instruction	
02	<b>AMC rate</b> after warranty provided	
03	<b>Validity</b> of quoted rate for 90 days agreed	
04	<b>EMD</b> submitted (appropriate certificate enclosed)	
05	<b>Payment</b> term agreed	
06	<b>Delivery terms</b> agreed	
07	<b>Warranty period</b> agreed	
08	<b>Literature:</b> Printed Literature provided	
09	<b>Dealership/distributorship</b> certificate (in case of dealers/agents) provided	
10	<b>Sale Service:</b> address of after sale service in India (for imported goods)/ in the region provided	
11	<b>Manufacturer</b> certificate provided	
12	<b>ISO/ ISI</b> certification provided	
13	<b>Applicable law</b> terms agreed	

**B. COMPLIANCE CERTIFICATE FOR SPECIFICATIONS**  
**(One for each item must to be enclosed in the Technical bid)**

Item Sl. No.			
Quoted Product:	Make:	Model No:	
Specifications as per NIT		Quoted item Specifications*	Complied/ Deviation
Parameter	Specification		

Signature with Seal: .....

Vendor: M/S .....

\* Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.