

TENDER DOCUMENT

FOR

Supply and Installation of EQUIPMENT (AICTE-RPS-NER-Mechanical Engineering)

At

JORHAT ENGINEERING COLLEGE

BID REFERENCE NO:

Ref. JEC/AICTE-RPS-NER/MECH/PROCUREMENT/ 2019 Tender-1, Dated 11/06/2019

UNDER

RESEARCH PROMOTION SCHEME FOR NORTH EAST REGION (RPS-NER)

(RPS-NER)



JORHAT ENGINEERING COLLEGE

Jorhat - 785007, Assam, India

Tender for Supply and Installation of EQUIPMENT (AICTE-RPS-NER-Mechanical Engineering)

BID REFERENCE :	Ref. JEC/AICTE-RPS- NER/MECH/PROCUREMENT/2019 Tender-1, Dated 13/06/2019
DATE OF ADVERTISEMENT :	DATE 13.06.2019
LAST DATE AND TIME FOR RECEIPT OF BIDS :	DATE 13.07.2019 TIME: 12:00 AM
TIME AND DATE OF OPENING OF BIDS :	Technical Bids: DATE 14.07.2019 TIME: 11:00 AM Financial Bids: Price bid will be opened for the bids those technically qualified.
PLACE OF OPENING OF BIDS :	JORHAT ENGINEERING COLLEGE JORHAT-785007 ASSAM
ADDRESS FOR COMMUNICATION :	THE PRINCIPAL JORHAT ENGINEERING COLLEGE JORHAT-785007 ASSAM

Check list

Documents		Check
DD of Rs 500/- (non-refundable processing fees)	Technical Bid	
EMD @ 2% of the financial bid	Technical Bid	
Bio-data (Annexure A)	Technical Bid	
Undertaking (self- certificate) of no outstanding bankruptcy, judgment or pending legal action (Annexure B)	Technical Bid	
Copies of the credentials/ self-certificate (Annexure C)	Technical Bid	
Schedule of requirement (Annexure D)	Technical Bid	
Complete technical specifications and pamphlets	Technical Bid	

OEM's authorization letter (Annexure E)	Technical Bid	
Photocopy of PAN card	Technical Bid	
Photocopy of GST	Technical Bid	
Financial Proposal (Annexure F)	Financial Bid	

SUPPLY OF EQUIPMENT (AICTE-RPS-NER-Mechanical Engineering)

INVITATION FOR BIDS (IFB)

Date : **13.06.2019**
Ref. JEC/AICTE-RPS-NER/ MECH/PROCUREMENT/2019
IFB No. : Tender-1, Dated 13/06/2019

- 1. The Principal, Jorhat Engineering College, Jorhat** invites sealed bids from eligible bidders for supply of **Equipment for AICTE sponsored research project-RPS-NER-Mechanical Engineering Department** listed below: The detail specifications is given in Annexure-F

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Combustion analyser	1	Mechanical Engineering Department, Jorhat Engineering College	Nil

Name of the Work	Bid Security	Cost of the Bid/Tender Document (Non-refundable)	Period of Completion
SUPPLY OF EQUIPMENT FOR AICTE-RPS-NER-Project-Mechanical Engineering Department	@ 2% of the financial offer	500.00	30 days

Tender Notice:

Sealed Tenders are invited directly from Suppliers/ Manufacturers / Authorised dealers for Supply, Installation, Testing and Commissioning SUPPLY OF EQUIPMENT FOR AICTE-RPS-NER-Project-Mechanical Engineering Department at Jorhat Engineering College, Jorhat. The last date of submission of tender document is on or before 13-07-2016 at 12:00 AM. The detailed tender document can be downloaded from the website <http://www.jecassam.ac.in>

1. The entire supply and installation must be completed within **30 days** from the date of issue of Purchase Order.

Ref. JEC/AICTE-RPS-NER/ MECH/PROCUREMENT/ 2019 Tender-2, Dated 13/06/2019

2. Any prospective bidder can procure the Tender Document from the website <http://www.jecassam.in>. A fee of Rs 500/- (by demand draft) in favour of “Principal, Jorhat Engineering College” payable at Jorhat has to be paid by demand draft at the time of submitting the tender by enclosing it in the technical bid.
3. Notwithstanding anything else contained to the contrary in this Tender Document, Principal, Jorhat Engineering College, Jorhat reserves the right to cancel/withdraw/ modify fully or partially the tender or to reject one or more of the bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.



Principal
Jorhat Engineering College

Date: 13-06-2019

A. Source of Funds

AICTE launches a special scheme to enhance the coverage of the Research Promotional Scheme only for North Eastern Region to provide support to Technical Institutes located in the far flung areas of North Easter Region and to improve infrastructure, quality, Capacity Enhancement, Modernization of Lab, Competence of faculty and to improve learning outcomes in institutes of NE. RPS is aimed to create research ambience in the institutes by promoting research in engineering sciences and innovations in established and newer technologies; and to generate Master’s and Doctoral degree candidates to augment the quality of faculty and research. The limit of funding is Rs 25 Lakh for project duration of 3 years.

B. General instructions for submission of bids/tenders:

- 1) Interested firms/ Company/ Agencies may submit tender in single bid system to the Principal, Jorhat Engineering College, Jorhat-785007, Assam along with non-refundable processing fee of Rs. 500/- (Rupees Five hundred) only in the form of Bank Draft from any nationalized Bank payable to the Principal, Jorhat Engineering College at Jorhat on or before **13-07-2019** (before 12:00 AM). The bid will be opened on **14th July 2019** at 11.00 AM in presence of intended bidders. In case of changing of date regarding opening of tender, this will be notified in the JEC website www.jecassam.ac.in only. In the interest of the bidders, they are requested to provide contact phone no. on the cover of the main sealed envelope to facilitate ease communication.
- 2) The bidder should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the “schedule of requirements” (Annexure D) up

to at least 80% of the quantity required in any one of the last 3 years, namely, 2016-17 to 2018-19. The equipment offered for supply must be of the most recent series models incorporating the latest improvements in design. Further, bidder should be in continuous business of manufacturing products similar to that specified in the schedule of requirements during the last three years prior to bid opening.

- 3) Bids of bidders quoting as authorized representative of equipment manufacturer, meeting with the above requirement in full, can also be considered provided.
 - i. the manufacturer furnishes authorization in the prescribed format Annexure-E assuring full guarantee and warranty obligations as per conditions of contract; and
 - ii. the bidder, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the quantity similar to the type specified in the Schedule of Requirements in any one of the last three years, namely, 2016-17 to 2018-19 which must be in satisfactory operation for at least 6 months on the date of bid opening and must be providing annual maintenance services for the above equipment in the country for over one year. The bidder should furnish the information of past three years supplies and satisfactory performance, in proforma under Annexure C.
- 4) Suite or any legal proceedings in regard to this matter arising in any respect under this contract shall be instituted in any court in Jorhat, Assam only.
- 5) The bid must be submitted in a sealed envelope and should be superscripted as

AICTE-RPS-NER-MECH::: Tender for Supply of Lab Equipment for AICTE-RPS-NER-Mechanical Engineering Department

Ref. JEC/AICTE-RPS-NER/ MECH/PROCUREMENT/ 2019 Tender-2, Dated 13/06/2019

- 6) The Earnest Money Deposit (EMD) @ 2% in the form of Demand Draft Drawn in favour of “Principal, Jorhat Engineering College” payable at Jorhat or Bank Guarantee from any of the commercial banks in an acceptable form safeguarding Jorhat Engineering College interest only is to be submitted along with bid.
- 7) The bidder must bear all cost associated with the preparation & submission of its Bid and the Jorhat Engineering College in no case be responsible or liable for those costs, regardless of the conduct of the outcome of the tendering process.
- 8) The bid will not be returned to the bidder after selection.
- 9) Submission of bid in respect to this bid can't be construed as obligation on the part of the Jorhat Engineering College towards a purchase.
- 10) Blank column and overwriting is not permitted in the filled up bids.
- 11) Bid terms and condition must be clearly written/ typed and have full name & address of the bidder. Each and every page shall have the signature & seal of the Authorized respectively.
- 12) The entire work is of a time bound nature and the firm/ company will have to execute the work as per schedule given by the Jorhat Engineering College.
- 13) Payment norms shall be followed. Request for advance payment shall not be entertained in any case. Payment shall be released after satisfactory completion of work duly certified by the competent authority.

- 14) A copy of self-attested GST Registration No., PAN card with a self-attested certificate that the firm / company never been black listed must be attached with the Bid.
 - 15) **Rated quoted must be inclusive of all applicable taxes and other charges.**
 - 16) The equipment has to be installed and commissioned by supplier at our site and all features of the system are to be demonstrated through operation by the supplier at our site
 - 17) **Bidder should participate for the entire work.**
 - 18) **Jorhat Engineering College reserves the right to allot the entire work or part thereof.**
 - 19) Jorhat Engineering College reserves the right to reject any particulars or all bids without assigning any reasons whatsoever to anyone and failure of the Jorhat Engineering College to select the bidder shall not result in any claim whatsoever against the Jorhat Engineering College.
 - 20) Any clarification /doubt may be addressed to Coordinator, RPS-NER-MECH Jorhat Engineering College. (Dr. Deva Kanta Rabha , E-mail: devaktra@gmail.com, mobile: 7896853210)
 - 21) Performance Security
 - a. The EMD supplied with the tender document as Bid Security will be considered as Performance Security for the successful supplier.
 - b. The Performance Security will be discharged by the Purchaser and returned to the Supplier after the warranty period.
- The bid security/ Performance Security may be forfeited:
- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form;
 - (b) in case of a successful Bidder, if the Bidder fails to sign the Contract in time



Date: 13.06.2019
Principal

Jorhat Engineering College

Bio-data : Annexure - A

The bidder is required to submit the following information:

1. Name of the firm:
2. Name of the Proprietor /Partner/Managing Director etc.
3. Year of Establishment:
4. Postal address:
5. Telephone Numbers
6. E-Mail
7. Details of products you are dealing in :
8. List of Existing Clients
9. Has your firm ever been black listed by the Govt. or any other authority? Please give details and reasons thereof.
10. Are you income tax payee, if so please furnish following details
 - a) PAN
 - b) GST Registration No.
11. EMD Details:
12. DD (non-refundable processing fees) details :

Note: There should not be any indication of price/rate/charges in Technical Bid of the tender. Conditional tenders will not be accepted.

Declaration:

I / we do hereby declare that the entries made in the application are true to the best of my /our knowledge and belief. I /we do also confirm that I / we have read and understood the General Conditions of Contract and agree to abide by the same in all respect.

I /we also undertake to communicate promptly to Jorhat Engineering College all the subsequent changes in conditions affecting the accuracy of the details given above.

Signature of Proprietor/ Director/ Managing Director
Annexure–B

Declaration regarding black-listing and/ or litigations

I/we hereby declare that our firm/agency is not black-listed/ banned by any Ministry or Department of Central Government/State Government or PSU or other bodies under the Central Government/ State Government. I/we further declare that no criminal case is registered or pending against the firm/company or its owner/partners/directors anywhere in India.

Date the day of 2019

Signature of Bidder_____

Name & Address of Bidder_____

Seal of the Firm/Company

Date:

Annexure –C

Details of the similar type of works completed by the Bidder (Attached Work order copy)

Name of the Bidder:

Year	Name and type of works completed	Name and address of the buyer/ customer	Value of the works	Remarks

Signature & Date of the Authorized Signatory with Official Seal

Schedule of requirement: Annexure D

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Sr.No.	Item Description	Delivery Period
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Ref. JEC/AICTE-RPS-NER/ MECH/PROCUREMENT/ 2019 Tender-2, Dated 13/06/2019

1.		30 Days
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Annexure - E

MANUFACTURERS' AUTHORIZATION FORM*

Ref. JEC/AICTE-RPS-NER/ MECH/PROCUREMENT/ 2019 Tender-2, Dated 13/06/2019

No. _____ dated

To

Dear Sir:

Tender Ref :

We _____ who are established and reputable
manufacturers of

_____ (*name and description of goods offered*)
having factories at

_____ *ad*
dress of factory)

do hereby authorize M/s _____ (*Name and*
address of Agent)

to submit a bid, and sign the contract with you for the goods manufactured by us against
the above tender Ref. No.

We hereby extend our full guarantee and warranty for the goods and services offered for supply
by the above firm against this tender Ref. No.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a
person competent and having the power of attorney to legally bind the manufacturer. It should be

included by the Bidder in its bid.

- * Modify this format suitably in case where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited.

Annexure - E

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To
The Principal
Jorhat Engineering College
Jorhat-785007

Sl. No	Description of goods \ (with full Specifications	QTY	UNIT	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price without taxes (A)	Sales tax and other taxes payable	
						%	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

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

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

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

Name: _____

Address: _____

Contact No. _____

Annexure – F

Sr. No	Item Name	Specification	Quantity	Maximum Budget (including all expenditures) Rs.
1	Combustion gas analyser	Suitable for measurement of combustion gasses in solid fuel combustion such as wood, biomass, coal, tec.	1	5,00,000/-
The analyser shall be operated with Built-in Rechargeable Battery & Mains.				
Analyser shall have a built-in Auto controlled Pump for Extraction of Flue Gases.				
Oxygen : (Electrochemical/ 0-25.0%/ ± 1%/ ± 0.01% v/v)				
CO : (Electrochemical /0-10000ppm/ '±5% of reading for <200 to 2000 ppm ±10% of reading upto>2000 ppm,±10 ppm for 0 to 199ppm/ ± 1ppm				
NO (Electrochemical/ 0-4000ppm/ '±5% of reading upto<2000 ppm ±10% of reading upto>2000 ppm/ ± 1ppm)				
SO2: Electrochemical /0-5000ppm/'±5% of reading upto<2000 ppm ±10% of reading upto>2000 ppm/ ± 1ppm				
NOx and CO2 either calculated or measured				
The Gas readings shall be displayed values in units like ppm or mg/m ³ or lb/mBtu or ng/J. These Options should be user selectable from the system menu.				
The analyser shall be Ideal for both Combustion Efficiency Improvement and monitoring levels of Pollutant Gases.				
The Portable Flue Gas Analyser shall be compact, easy to operate.				
The analyser should have built-in Multi Output facilities like Data Logger and USB Interface.				
The Instrument should be Microprocessor based, well engineered to minimize Maintenance and Servicing.				
It should have inbuilt-in Auto controlled Pump for Extraction of Flue Gases.				
Analyser shall be Incorporated with various Filters for protection Like sinter SS Filter for Probe, Gas Pre Filter, Water Catchpot, SO2 Filter to trap any trace SO2 from damaging the CO Sensor, etc. & Minimum 3 filters in flue gas path is required.				
		Instrument must have at least 100000 Storage capacity & supplier must give software along with instrument which can generate report in terms of PDF,Exel&Digram		

	Instrument must have facility to record data in specific interval without PC connection		
	The instrument should have inbuilt Ambient Temperature measurement sensor, inbuilt Pump for Extraction of Flue Gases, Auto draining water trap assembly and particulate filter, gas filters along with all essential accessories and consumables for 2 years trouble free operation.		
	Analyser shall have backlit, high Resolution colour LCD, Interactive and user friendly Keypad for programming various values / Inputs, Highly reliable Electronic Circuitry with ease of push button operations.		
	The sensors should work independently of each other ie. In case any one or more sensor fails the analyser should still be able to measure and display Value of the working sensors.		
	The analyser shall be operated with Built-in Rechargeable Battery & Mains.		
	It is preferable to have calculation options like Efficiency Calculations, Loss and Excess Air.		
	Operation & Maintenance Manual is to be supplied along with the equipment.		
	Additional Consumable Spares required for three years are to be provided along with the instrument.		
	Instrument must be certified by TUV/CE/USEPA etc..		