



OFFICE OF THE REGISTRAR
DIBRUGARH UNIVERSITY
Dibrugarh | PIN - 786 004 | Assam

No: DU/RP/PMC/RUSA/2020/71

Date : 14/12/2020

:: Short Notice Inviting Quotation ::

Sealed Quotations are invited from reputed authorized dealers/suppliers nearest to the University for Supply, installation, Testing & Commissioning of **Ductable type Air-Conditioner at the Indira Miri Conference Hall and Server Room**, under the **RUSA 2.0**. Detailed specification of the items, terms & conditions etc are given below. **Last date of submission of Tender as per annexure with all relevant papers is 21/12/2020 up-to 16:00 hrs.**

Availability of Bid papers On website- https://dibru.ac.in/tender/	From: 14/12/2020 (17:00 hours) To: 21/12/2020 (upto 16:00 hours)
Time & Date of opening of Technical Bid	22/12/2020 at 11:00 hours
Cost of the Document	₹500/- (non refundable)
Place of opening of Bid	Office of the Registrar, DU
EMD	2% of the bid amount

The tender should be submitted in two separate sealed envelopes *i.e.* **Part - I : TECHNICAL BID** and **Part – II : FINANCIAL BID**. The technical bid shall be opened on above mentioned date and time and the financial bid of only those bidders who qualify in technical bid shall be opened on the same date or at a later date which shall be intimated to the tenderer whose technical bid are found to be valid. Dibrugarh University reserves all the rights to reject any or all the tenders without assigning any reason thereof. Details may be seen at <https://dibru.ac.in/tender/>

Sd/-
Registrar
Dibrugarh University
Dibrugarh University

Copy to:

1. The Hon'ble Vice Chancellor for favour of information .
2. The Deputy Registrar (F&A), D.U. for information.
3. The University Engineer (i/c) for information
4. Dibrugarh University Website
5. Office File

Sd/-
Registrar
Dibrugarh University
Dibrugarh University

CUT-OUT SLIP

NAME OF THE WORK: **Ductable type Air-Conditioner at the Indira Miri
Conference Hall and Server Room (RUSA 2.0)**

NIQ NO. : DU/RP/PMC/RUSA/2020/71

Date: 14/12/2020

SUBMISSION DUE DATE & TIME

: 21/12/2020 up-to 16:00 HOURS.

FROM:

TO:

**NAME:
ADDRESS**

**THE REGISTRAR
DIBRUGARH UNIVERSITY
DIBRUGARH, ASSAM**

(To be pasted on the outer envelope containing “Technical” & “Commercial” bids)

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PART – A : Scope of work :

The Ductable unit shall comprise of the following —

1. Indoor unit with powder coated GSS structure.
2. Air cooled condensers with outdoor support structure. The outdoor structure shall be made of MS angle and channels suitable for the operating weight of the aircooled condensers. The support structure shall be painted with epoxy primer and 2 coats of epoxy paint.
3. Electrical panels with starters overload relays, contractors, etc. for compressor motor, condenser fan motor, indoor unit blower motor with inter lockets.
4. Microprocessor based controls.
5. Operating thermostat and safety controls.
6. Single phase preventers.
7. Installation accessories, mounting brackets, refrigerant piping, filter, drier, charging valve, thermostatic expansion valve, etc.
8. First charge of refrigerant gas and oil.
9. Refrigerant piping between indoor and outdoor units.
10. Insulated PVC Drain piping for indoor unit.
11. Testing and commissioning.

PART B – TERMS AND CONDITIONS

GENERAL INFORMATION

The bids duly complete in all aspects, along with the necessary supporting documents should be submitted to the Registrar, Dibrugarh University. The Financial bids of the Bidders shall be opened on the same date or at a later date to be intimated to the tenderers whose Technical Bids are found to be valid.

I. Instructions to the intending bidders:

1. The intending bidders should read carefully all the instructions and terms and conditions, etc before quoting rates in prescribed schedule of this Bid Document. Taxes and duties etc. should be shown separately.
2. All the manufacturers/ distributors/ stockiest should also give a brief profile about their company and the facilities available with them of the quoted items. Their turnover and important firms/ Government Institutes/ P.S.U.s etc. to which they are supplying quoted items, should also be mentioned.
3. The rates in Indian Rupees should be mentioned in the **Schedule** attached with this Bid Document. Each page of the Bid shall be signed in full and stamped with the seal of the supplier. The signatory/ies to the document must clearly state in what capacity he or she is signing the Bid Document.
4. The intending bidder shall submit the bids in two envelopes. The first envelope (Technical Bid) shall contain all the documents referred to in **Para- III below** and be sealed. The second envelope (Commercial Bid) shall contain the **Schedule**, in which the bidder shall quote the rates of supply. The second envelope shall also, likewise, be sealed. Both the envelope then should be put together, and should be sealed in one envelope on which the cut out slip provided as part of the Bid document should be pasted, and the particulars shall be duly filled in. The Technical Bid shall be opened first to ensure that suppliers have submitted all the requisite documents. If the Technical Bids are not in order or any deviations encountered in some aspect, the commercial bids of such bidder/s shall not be taken into consideration.
5. The data sheet documents, technical documents, etc (if any) submitted should be available at any time on the website of the respective manufacturer / OEM and URLs to the respective documentation should be provided in the compliance statement for verification and future reference.
6. The bidder must avoid incorporation of ambiguities on any point on the bid documents. All points should be clear and to the point.
7. Application fee and EMD to be submitted through Demand Draft or A/C payee Cheque individually to be drawn in favor of “**Registrar, Dibrugarh University**”.
8. The intending bidders may visit and inspect the site (if required) prior to preparation/submission of bids.

II. General Terms and Conditions :-

1. Technical specifications of the instruments/equipment are given in **Part – D** of these papers.
2. The delivery and installation should be completed within 45 (forty-five) days or as specified from placing of the order. No extension shall be granted to the contractors/suppliers for the period of delivery, under any circumstances.
3. If the supplier fails to deliver the article as per the delivery schedule, the University shall be free to procure the balance/undelivered supply, at the risk and cost of the supplier, from other such suppliers.
4. The goods, articles, materials supplied by the supplier shall be accepted after inspection by an officer authorized by the competent authority. No articles/materials which do not conform to the specifications laid down in the terms and conditions or damaged in transit shall be accepted.
5. The bills of the suppliers shall be paid by the University after all the materials/articles/equipment along with requisite parts/accessories have been received and installed, inspected and commissioned.
6. The price quoted on the Bid should be F.O.R. Dibrugarh University and shall have to be valid for atleast 90 days. Further, this Bid document is not transferable. Any type of joint venture or sub-contract shall not be considered.
7. In the event of any breach of the terms and conditions of the supply, the University may terminate the contract placed with the supplier and forfeit the security deposit of the supplier.
8. The quantity as mentioned at Part – D (Specifications) are indicative and not exhaustive. Actual requirement may be varied at the time of placing Order as per requirement.
9. Exemption from submission of Bid Security (also known as Earnest Money) is allowed to Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organisation or the concerned Ministry or Department.
10. **Refund of EMD:** - The eligible shortlisted L1 vendor shall be entitled for refund of EMD after one year from the date of satisfactory completion of supply, installation, commission etc. All other bidders shall be entitled for refund, within one month from the date of confirmation of the L1 bidder by the Competent Authority.
11. The shortlisted bidder must address all the technical glitches as and when encountered by the end user or their authorised representative for atleast 06 (six) months from the date of installation without any additional cost.
12. The bidder must have trained professionals of adequate numbers stationed nearest to the University so that any technical malfunctioning could be addressed within 24 hrs of call from the user.

III. Terms and Conditions regarding Documentation:-

1. Vendor must submit duly signed Compliance statement in tabular form comparing each specification of the quoted item with that given in the Bid Document **Part – D**.
2. Suppliers shall submit the following documents along with their quotations:
 - a) Certificate of Incorporation/Registration
 - b) PAN/GST Registration Certificate.
 - c) Technical specifications offered by the Supplier.
 - d) Technical compliance table.
 - e) Technical literature regarding the offered products including diagrams/prototypes.
 - f) MSME Registration Certificate (if applicable) for availing EMD exemption.
3. The Bidder shall have to be an Original Equipment Manufacturer (OEM) or his Authorized Dealer/Channel Partner having a Direct Purchase and Support agreement with the OEM. In case, the Bidder is a Dealer, a valid LETTER OF AUTHORIZATION from Original Equipment Manufacturer should be produced along with the bid.

Note:

- (a) No erasures or overwriting shall be allowed, unless they are authenticated under the full signature and the seal of the tenderer.
- (b) The University reserves the right to:
 - (i) Accept/reject any/all tenders without assigning any reason thereof.
 - (ii) Revise the quantities at the time of placing the order without change in the rate quoted by the bidder.
 - (iii) Add/modify/relax or waive any of the conditions stipulated in the Bid document whenever deemed necessary.
 - (iv) Award the contract to one or more bidders for the items covered by the Bid document.
 - (v) Accept ambiguity (if any) incorporated on the bid, in the manner so favorable/beneficial to the University.
- (c) Participating in the NIQ shall imply unconditional acceptance of all the terms and conditions mentioned in the bid document.

PART - C : SCHEDULE OF ITEMS

Schedule of items:

1. Ceiling Suspended Ductable Unit
2. Ductable Machine Indoor Installation with Canvas Connection
3. Refrigerant Piping with hard/soft drawn copper pipe
4. Galvanised steel sheet (SAIL/ TATA/ JINDAL / ESPAT)
5. 9 mm thick nitrile rubber of thermal insulation for duct.
6. 12 mm thick rigid board of fibre glass
7. Air Grills made from Extruded aluminium
8. 25mm dia PVC rigid drain pipe with all accessories
9. SITC of Fresh air Arrangement with Fimper Louvers with Bird Screen Arrangement
10. Refrigerant Gas Charging of R410A Gas
11. MS Stand for Outdoor Unit

Preferred Make: Bluestar, Carrier, Hitachi or equivalent

Part – D : Technical Specifications

S.No.	Specification/ Model	Qty	Unit
	GROUP "A"		
1	Supply Of Ceiling Suspended Ductable Unit with Fixed Speed Hermetically Sealed Scroll compressor, CU Condenser Coil with special Blue fins and made of galvanised sheet which are powder coated after fabrication ,Corrosion Resistant with Propeller Fan , DIDW Centrifugal forward curved fan at Indoor, Microprocessor based Controller with Seven segment LCD display Compatible Of R410A Gas Designed to work Effectively even in ambient Temperatures as high as 50Degree Celsius Compressor Should be Emerson/Danfoss make.		
	Capacity-11 Tr(4400CFM)	0	Nos.
	Capacity-8.5Tr(3400CFM)	0	Nos.
	Capacity-5.5Tr(2200CFM)	6	Nos.
	GROUP "B" Low Site Part.		
2	Ductable Machine Indoor Installation with Canvas Connection , out door Installation with 2 layer of Rubber Pad and GI sheet, testing with N2 gas & Commissioning of R410AC Gas		
	11TR Ductable Unit		Nos.
	8.5TR Ductable Unit		Nos.
	5.5TR Ductable Unit	6	Nos.
3	Supply, installation, Testing & Commissioning of Refrigerant Piping with hard/soft drawn copper pipe including providing necessary Ball isolation Valve, Expansion valves and catch –all – driers, insulating the refrigerant line with nitrile rubber . The nitrile rubber in tube form shall be sleeved on the pipes. On piping slit opened tube from insulating material shall be placed over the pipe and adhesive shall be applied as suggested by the manufacturer. Wherever flat sheets shall be used it shall be cut out in correct dimensions using correct tools. All longitudinal and transverse joints shall be sealed as per manufacturer recommendations. All joints shall be sealed by providing 6 mm thick, 50 mm wide nitrile rubber tape. The insulation shall be continuous over the entire run of the piping, fittings and valves.		
	a) 5/8"	90	Rmt
	b) 7/8"	90	RM
4	Supplying, fabricating & installation of galvanised steel sheet (SAIL/ TATA/ JINDAL / ESPAT) duct including providing M.S. angle support, flanges, hanger rods, & making good the damages etc., complete with vibration insulation pad between the duct & support, of following gauge / size. including painting of the duct of approved shade as per standard practice for exposed duct system		
	A. 22 Guage		Sqm
	B. 24 Guage	312	Sqm

S.No.	Specification/ Model	Qty	Unit
5	Supplying, Installation, testing & commissioning of 9 mm. thick nitrile rubber of thermal insulation for duct. Density of nitrile rubber shall be 40-60 Kg/m ³ . Each lot of material delivered at site shall be accompanied with manufacturer's test certificate for thermal conductivity values, density, water vapour permeability and fire properties. Adhesive used for sealing the insulation shall be non inflammable, vapour proof adhesive strictly as per manufacturers recommendations. Before laying of insulation and adhesive, duct surfaces shall be cleaned to remove all grease, oil , dirt etc . Proper care is to be taken while cutting the nitrile rubber sheet so that 90 degree cut in thickness is achieved. All longitudinal and transverse joint shall be sealed by providing 0.6 mm thick 50 mm wide nitrile rubber tape.	240	Sqm
6	Supplying, Installation, testing & commissioning of 12 mm. thick rigid board of fibre glass having density of 48 kg/ m ³ for acoustic duct insulation to GI ducting. The insulation panels shall be fixed to the sheet metal with cold setting adhesive compound. The innermost surface shall be covered with fibre glass tissue and 28 gauge perforated alumina's sheet having at least 15 percent perforations. The aluminium sheet shall be screwed using cup washer and neatly finished to give true inside surface.	72	Sqm
7	Supplying, Installation, Testing & commissioning of Air Grills made from Extruded aluminium, powder coated with matt finish of approved colour having facing adjustable louvers for adjusting the flows of air manually. The rate quoted should include for required screws & members to fix the grill and civil work if any.		
	a) Supply air grills with volume control dampers	7	Sqm
	b) Return air grills without dampers	7	Sqm
	Providing & fixing GI volume control damper for Duct.	4	Sqm
	Providing & fixing Aluminium powder coated supply air Diffusers with Aluminium. Volume control damper.	3	Sqm
	Providing & fixing Aluminium powder coated return air Diffusers without volume control damper.	3	Sqm
8	Providing & fixing of 25mm dia PVC rigid drain pipe with all accessories etc. complete on wall / beam / ceiling in concealed manner by chasing wall / floor / on surface including providing of U trap & heatlon insulation to avoid sweating / condensation specially above false ceiling.	96	RM
9	SITC of Frsh air Arrangement with Famer Louvers with Bird Screen Arrangement	1	Sqm
10	Refrigerant Gas Charging of R410A Gas	36	Kg
11	MS Stand for Outdoor Unit	6	Nos.

Sd/-
Registrar
 Dibrugarh University


Annexure – I

Schedule of Rates

ITEM No	DESCRIPTION OF GOODS WITH DETAILS OF SPECIFICATIONS	Make	Unit Price (INR)	Qty.	Total Amount (INR)
1					
2					
3					
Gross Total (₹)					

N.B. : The bidder must clearly indicate the applicability of tax on the items quoted.

Signature of the Bidder
Seal of the Firm

***Add/remove rows as per requirement.
***Addition/removal of columns is not permitted.

Annexure – II

Technical Compliance Statement

Sl no	Item	Reqd Qty	Compliance	Deviation (if any)
1				
2				
3				

Signature:
Name :.....
Address :.....
.....
.....
Mobile No.....

Date.....

***Add/remove rows as per requirement.
***Addition/removal of columns not permitted.

Annexure – III

Checklist of Documents

The Checklist should be accompanied along with the technical bid.

Sl no	Document	Instrument No (Wherever applicable)	Check
1	Application Fee (If applicable)		<input type="checkbox"/>
2	EMD		<input type="checkbox"/>
3	Technical Compliance Statement		<input type="checkbox"/>
4	Certificate of OEM/Authorisation letter		<input type="checkbox"/>
5	Certificate of Incorporation/Registration		<input type="checkbox"/>
6	PAN/GST Registration No		<input type="checkbox"/>
7	MSME Registration Certificate (if applicable) for availing EMD exemption.		<input type="checkbox"/>

*** Any other supporting documents as felt necessary by the bidder may be enclosed

Signature of the Bidder
Seal of the Firm