

Bid Ref. No. DUCC/AC/4/20

Dated: 01.02.2020

Tender Document Cost: NIL

**DELHI UNIVERSITY COMPUTER CENTRE
UNIVERSITY OF DELHI
DELHI-110007**



**e-Tender for Supply, Installation and Commissioning of
Air Cooled Floor Mount Packaged Airconditioners-
3 Units of 11TR**

Invitation for Tender
(DELHI UNIVERSITY COMPUTER CENTER)
University of Delhi

Tender Reference: DUCC/AC/4/20

Date: 01.02.2020

Delhi University Computer Centre invites e-tenders under Two Bids System (Technical and Financial) from the reputed and experienced Air Conditioning firms through e-procurement mode for Supply, Installation, Testing & Commissioning of Three (03) Ductable type Air Cooled Packaged Air Conditioner Units of capacity for Server Room of Delhi University Computer Centre, University of Delhi.

Tender documents may be referred and downloaded from DU web site www.du.ac.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in Critical Date Sheet given below :-

Publishing Date	01.02.2020
Document Download Start	01.02.2020
Bid Submission Start	01.02.2020
Document Download End	21.02.2020
Bid Submission End	21.02.2020
Bid Opening Date	22.02.2020

The vendors are requested to submit the Tender under two bid system ie., technical and financial bids as per following :-

- I. Details regarding the tender are available on our website www.du.ac.in and <https://eprocure.gov.in/eprocure/app>. Bidders are therefore, requested to visit our websites regularly to keep themselves updated. Any Addendum/Corrigendum will be displayed on the aforesaid websites only.
- II. **Manual bids shall not be accepted.**
- III. For submission of e-Bids, bidders are required to get themselves registered with <https://eprocure.gov.in/eprocure/app>.
- IV. Clarification/queries, if any, can be addressed to the DUCC on telephone no. 011- 27667138/27667165 and e- mail: so@ducc.du.ac.in
- V. **Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.**

Bidders/Vendors are advised to follow the instructions provided in the ‘ Instructions for Online Bid Submission’ for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app> ’.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

- VI The tender must be valid for acceptance for at least a **period of 90 days** from the date of opening of the bids. However, this may be extended for the period approved by the University (subject to approval) with consent of the bidder.
- VII Delhi University Computer Centre, University of Delhi reserves the right to accept or reject or cancel any tender or relax any part of the tender offer, without assigning any reason thereof.
- VII Bids will be opened as per schedule mentioned in the Tender Critical Date Sheet as above.**

Dated:01.02.2020

Joint Director, Delhi University
Computer Centre,
University of Delhi,
Delhi-110007.

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Introduction

Delhi University Computer Centre Server Room (size 16'X 52' approx) is equipped with high value Servers, storages and IT components. The Server Room temperature is to be maintained with high precision of humidity and Temp control at constant 18-20 degree celsius on 24 x 7 X 365 basis.

The server room is situated in ground floor of Delhi University Computer Centre. The packaged indoor units are to be installed in separate designated room (size 7 ft x 13 ft approx) and outdoor units on open area on Ground Floor. The distance between indoor and outdoor unit is approx. 10 mtr. These new package units are to be integrated with existing ducting with necessary and required modifications (if any). The existing power cable and earthing is available inside the plant room and the connection thereof is included in the scope of Tender.

SCOPE OF WORK

Dismantling of existing Air Cooled packaged unit-3 nos. and Supply, installation, Testing & Commissioning of New Ductable type floor mount Air Cooled packaged Units of 11 TR capacity comprising of Twin Compressors with copper condensers, duly charge refrigerant with other associate parts with 3 years comprehensive onsite warranty. Higher duration warranties, as provided by OEM (by default), if more than 3 years on different parts e.g., compressor etc. shall remain intact.

- 1) The Vendor is requested to carry out the comprehensive **site inspection** for clear understanding of the entire work. Please contact **Section Officer on Phone 011-27667138 or so@ducc.du.ac.in. in this regard.**
- 2) Dismantling of existing old Air cooled package unit – 3 nos, Outdoor units including pipings and other old and discarded items/materials of the old units shifting them out of room.
- 3) Complete Installation, testing, commissioning of floor mount packaged units with necessary platform or MS Stand. MS Stand to be fabricated by using 50mm x 50mm x 5mm MS angle (or better compatible) with one coat of redoxide and two coat of oil paint. The MS stand to be grouted by PCC size 300mm x 300mm (or higher compatible).
- 4) Installation of electrical panel and Electrical connectivity to the AC Units.
- 5) Supply, installation, testing & commissioning of refrigerant grade suitable/ compatible copper tubing for inter connecting outdoor & indoor units (Including saline treatment for protection against corrosion) duly insulated with insulation to prevent any heat loss. The length and route is as per the site inspection.
- 6) All drain piping shall be insulated with 6 mm thick sleeves (or compatible) of nitrile rubber or glass wool pipe insulation with cement coating. The drain pipe should be of MS pipe. The length and route as per the site condition/ inspection.
- 7) Civil work, if any required, for refrigerant piping, cutting, fixing etc.
- 8) Necessary Modification of existing Ducting/Coolanum in AC plant room for installation purpose including canvass connection, providing of duct thermal insulation, or any other essential work.
- 9) Installation of automatic sequence controller/timer for sequencing of ON/OFF in between units. (for failover/redundancy)
- 10) Any equipment / item not covered in this specification but essential for proper installation, operation and maintained of the entire system, as per inspection, shall be included by the tenderer and it will be treated within the turn key job.
- 11) Complete work to be done at DUCC site with Training to DUCC staff & Handover.

1) Eligibility criteria for the Firms

1. The firm should have a PAN (A copy of PAN card is to be submitted).
2. The firm should have a Goods & Services Tax (GST) Number (A copy of certificate to be submitted).
3. The Annual turnover/ revenue of the firm shall not be less than Rs. 25 Lakhs in each of last three financial years i.e. 2018-19, 2017-18 & 2017-16. Copy of audited Balance Sheet of the firm for the immediate last three years to be submitted.
4. Earnest Money amounting to Rs. 50,000/- along with bids through Demand Draft/FDR in favour of the Registrar, University of Delhi, Delhi-110007 is to be submitted to DUCC, North Campus, Delhi-110007 by stipulated date.
5. Letter OEM/Authorised dealers of HVAC System.
6. Signed and scanned copy of the completion certificated for the threee similar works each costing not less than 40% or two similar works each costing not less than 60%, one similar work costing not less than 80% to the estimated amount of Rs. 25 lakhs
7. The bidder should have the following documents :-
 - I. Latest Income Tax Return/Clearance
 - ii. ESIC Registration
 - iii. EPFO Registration alongwith copy of latest EPF Return/ECR (as applicable)
 - iv. Power of attorney/Authority letter in case person other than the bidder has signed the tender documents.
 - V. Copy of valid Electrical Contractor License (for electrical work).
8. Undertaking stating that the bidder/contractor has not been black listed from any authorities.
9. A tender acceptance letter must be attached along-with the technical bid as per **Annexure-II**.
10. The Bidder should have prior experience of supply and installation of the similar work.

2) Bid Submission

- I. "Technical Bid" shall comprise of all documents as per Annexure-I.
- II. "Financial Bid" shall comprise of the price bids of the items as per BOQ attached.
- III. Tender acceptance letter must be signed by the authorized signatory of the bidder with seal as per Annexure-IV
- IV. Conditional tenders will not be accepted.
- V. Manual bids shall not be accepted.
- VI. Bids shall be submitted online at CPP portal: <http://eprocure.gov.in/eprocure/app>.
- VII. Bidders are advised to follow the instructions provided in the 'instructions to the bidder for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at <http://eprocure.gov.in/eprocure/app>.
- VIII. Bidder who has downloaded the tender from the University website www.du.ac.in and Central Public Procurement Portal (CPPP) <https://erprocure.gov.in/erprocure/app>, including download financial bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and earnest money deposit (hereinafter referred to as EMD) would be forfeited and tenderer is liable to be banned from doing business with Delhi University.
- IX. Intending bidders are advised to visit again University website www.du.ac.in and CPP Portal <http://eprocure.gov.in/eprocure/app> on regular basis and at least 3 days prior to closing date of submission of tender for any corrigendum/ addendum/amendment. At any stage.

3) **Opening of Financial Bid and Evaluation**

The eligibility of bidders and their technical bids will be evaluated by a committee on the basis of documents

submitted by the bidders with the Technical Bid. The financial bids will only be considered of those bidders who

qualify the eligibility criteria and other terms and conditions laid down in the tender. The work will be awarded

to the lowest bidder (inclusive of all taxes).

4) **Terms and Conditions of RFP:**

Technical and Financial bids should be submitted separately.

Technical Bid:- The technical bid should be submitted as per Annexure I.

Financial Bid: Financial bid should be submitted as per BOQ- attached. Annexure III

Note: - Financial bids of only those firms will be opened who meet the eligibility criteria and qualify in the technical bids.

5) **General Terms and Conditions**

- I. The work has to be done in the premises of the Delhi University Computer Centre, University of Delhi (North Campus), Delhi – 110 007.
- II. The firm shall not assign, transfer or sub-contract all or any of the work to any third party without written permission of the University of Delhi.
- III. The rates quoted shall remain valid till the completion of the work.
- IV. The earnest money deposit will be forfeited, if successful bidder fails to sign the contract within the stipulated time. No interest on the Earnest Money shall be paid by the University of Delhi.
- V. Successful bidder would be required to submit Performance Security for an amount of 5% of the value of the contract in the form of Bank Guarantee from a scheduled Commercial Bank within 45 days from the date of contract. Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations.
- VI. The decision of the University with regard to acceptance or otherwise of the bids will be final and binding.
- VII. It is compulsory for all bidders to comply with all the Terms and Conditions of Tender as well as General Conditions mentioned above and a certificate to this effect should necessarily be enclosed with the Technical Bid.
- VIII. In the case of a tie of lowest rate the firm will be selected based on the date of registration i.e., the older firm will be awarded the tender.
- IX. Upon verification evaluation/ assessment, if in case any information furnished by the firm is found to be false/incorrect their bid shall be summarily rejected and no correspondence on the same shall be entertained.

- X. If the selected firm is not able to fulfill its obligations under the contract/work order, which includes non-completion of the work, the University of Delhi reserves the right to get the work accomplished through another Firm. Any costs, damages etc. resulting out of the same shall have to be borne by the selected firm, which can be recovered from his bills and remaining amount by sending a claim.
- XI. The University of Delhi/DUCC is under no obligation to accept the lowest tender and reserves the right to reject any or all tenders/bids or cancel/ withdraw the invitation for bid at any stage without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.
- XII. Conditional Bids will be summarily rejected.
- XIII. All disputes would be subject to jurisdiction of Delhi.
- XIV. **Warranties:** The AC Machines and associated accessories are to be guaranteed for trouble free operation, maintenance and service. **The Warranty should cover defects due to faulty manufacture, workmanship or material from the date of commissioning.** Any manufacturing defect detected during this period shall be repaired/ replaced by the supplier free of cost as per terms and conditions embodied in tender papers and agreement executed with DUCC.

6. Arbitration and Settlement of Disputes

- I) University and the bidder shall make every effort to resolve any difference or dispute arising between them under or in connection with the University's work order, amicably by direct informal negotiation.
- II) If after thirty (30) days from the commencement of such informal negotiations, University and the bidder have been unable to resolve amicably the dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified hereunder:
- III) Any dispute or differences whatsoever arising between the parties out of or relating to the services, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall binding on the parties. The sole arbitrator shall be appointed by the Vice Chancellor, University of Delhi or if there be no Vice-Chancellor the administrative head of the University of Delhi, at the time of such appointment, that the arbitrator so appointed.

It will be no objection to any such appointment that the arbitrator so appointed is a University Servant, that he had to deal with the matters to which the contract relates and that in the course of his duties a University servant he has expressed views on all or any of the matters in dispute of difference. Any dispute or difference between the parties hereto shall be settled by arbitration which will be subject to governed by the Arbitration and Conciliation Act 1996, the arbitration proceedings will take place at Delhi.

- IV) The performance under this contract shall not be stop for any reason whatsoever during the said dispute/proceedings, unless the bidder is specifically directed by University to desist from working in this behalf.

- V) The venue of arbitration shall be Delhi. The language of proceedings shall be English. The Law governing the substantive issues between the parties shall be the Laws of India.
- VI) It is also a term of contract that fees are payable to the arbitrator, if any shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date, he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.

7. Preparation of Bids

1. Bidder should take into account any corrigendum published on the tender document before submitted their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents-including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule any generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid document may be scanned with 100 dpl with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificate etc.) Has been provided to the bidders. Bidders can use "My space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My space" area while submitting a bid, and need not be upload again and again. This will lead to a reduction in the time required for bid submission process.

8. Submission of Bids

1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to any other issues, whatsoever.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3. Bidders are required to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be download and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed name once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders; opening of bids etc. the bidders should follow this time during bid submission.
5. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected of symmetric encryption using a system generated symmetric key.
Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys.
Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
7. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
8. The bid summary has to be printed and kept as an acknowledgment of the submission of the bid, this acknowledgment may be used as an entry pass for any bid opening meetings if required.
9. **Assistance to Bidders**
 1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
 2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24X7 CPP Portal Helpdesk.

TECHNICAL BID

1. Name of the Firm _____
2. Address (with Tel No. Fax No. & e-mail) _____
3. Contact person Name and mobile number _____
4. Year of establishment of Firm _____
5. (a) GST Number _____
(b) PAN Number _____
6. Confirm the following Attachment:-

Sr. No.	Document	Whether attached (Pls. Write Yes/No)	Page No.
1.	Have you attached work order for carrying out the Similar work for Central Higher Education/any PSU/Govt. organization in the last two years		
2.	Whether copy of Goods and Services Tax (GST) and PAN Certificate is attached		
3.	Whether Annual Turnover Certificates for the last 3 years attached.		
4.	Complete Technical Solution for the Air Conditioning System with item wise details as per onsite inspection.		
5.	Have you attached a tender acceptance letter		
6.	Have you attached a certificate that the firm has not been blacklisted		
7.	Have you attached proof of submission of EMD of Rs. 50,000/- by Bank demand draft (DD)/FDR.		
8.	Letter OEM/Authorised dealers of HVAC System		
9.	Signed and scanned copy of the completion certificated for the threee similar works each costing not less than 40% or two similar works each costing not less than 60%, one similar work costing not less than 80% to the estimated amount of Rs. 25 lakhs		
10.	Latest Income Tax Return/Clearance		
11.	ESIC Registration		
12.	EPFO Registration alongwith copy of latest EPF Return/ECR (as applicable)		
13.	Power of attorney/Authority letter in case person other than the bidder has signed the tender documents.		
14.	Copy of valid Electrical Contractor License (for electrical work).	.	

I/We hereby certify that the information furnished above are full and correct to the best of our knowledge. I/We understand that in case any deviation in found in the above statement at any stage, the company/firm will be black-listed and will not have any dealing with the organization in future.

Signature of Authorized person
With seal of firm

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

To,

Sub: Acceptance of Terms & Conditions of Tender Ref. No: _____ Dated _____

Dear Sir,

1. I/We have downloaded/obtained the tender documents(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____

As per your advertisement, given in the above mentioned website(s).
2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s) etc.), which form part of the contract agreement and I/We shall abide hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time by your department/organization/ too has also been taken into consideration, which submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirely.
5. I/We do hereby declare that our firm has not been blacklisted/ debarred by any Govt. Department/Public Sector Undertaking during last five years and disciplinary action has not been taken against its existing partners in past and no disciplinary enquiry is pending against firm/partners.
6. I/We certify that all information furnished by the our firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder,
with Official Seal and date)

FINANCIAL BID			
ANNEXURE-III			
BILL OF QUANTITIES- Air Cooled Packaged 3 UNITS			
S.No.	Specification/ Model	Quantity	
1	Supply of 11.0 TR Air Cooled Packaged units comprising of Twin Compressors with copper condensers, duly charge refrigerant with other associate parts with 3 years comprehensive onsite warranty. Higher duration warranties, as provided by OEM (by default), if more than 3 years on on different parts e.g., compressor etc. shall remain intact.	3	Nos
2.	Supply fabrication, installation, testing of interconnecting refrigerant pipe work with closed cell 19mm/13mm thick tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be property supported with MS hanger i/c protective coating to avoid corrosion.		
2.1.	22.2 mm O. D. (insulation : 13 mm)	70	Meter
2.2.	19.1 mm O. D. (insulation : 13 mm)	70	Meter
2.3.	15.9 mm O. D. (insulation : 13 mm)	35	Meter
2.4.	9.5 mm O. D. (insulation : 13 mm)	35	Meter
3.	Supply & fixing aluminum powder coated grill with damper	8	Sqmt
4.	Supply & fixing aluminum powder coated grill with without damper	12	Sqmt
5.	Supply & fixing of canvass connection, fire retardant	3	Nos
6.	Supply and fixing of transmission wire in PVC conduit between indoor to outdoor	100	RMT
7.	Supply & fixing of PVC rigid drain pipe with insulation and U trap		
7.1.	25 mm dia	15	RMT
7.2.	32 mm dia	15	RMT
8.	Supply and fixing of MS angle iron stand for Indoor Packaged Unit	3	Nos
9.	Supply and fixing of MS angle iron stand for ODU Split Unit	3	Nos
10.	Supply & installation of Timer for Packaged Unit	1	Lot
11.	Dismantling and shifting out of old 3 Packaged Unit and Installation, Testing, Commissioning of 11 TR packaged unit	3	Nos
	Total without GST		
	GST		
	Total with GST		
12.	CAMC Cost after Warranty for 5 Years including GST	3	Nos
	GRAND TOTAL		