

# छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर

Ref.No.- CSJMU/Engg.(E) /894 (I-III) /2017

Date: 13/07/2017

## प्रकाशनार्थ




**छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर**  
C.S.J.M.U/Engg(E)/ 894 (I-III) / 2017

दिनांक: 13-07-2017

**अल्पकालिक निविदा सूचना**

विश्वविद्यालय के ए.सी., ए.सी.प्लान्ट एवं विद्युत सब-स्टेशनों के अनुरक्षण/परिचालन हेतु सक्षम फर्मों से अलग-अलग मुहरबन्द निविदा दिनांक-24.07.2017 को अपराह्न 2:00 बजे तक सम्पत्ति अधिकारी, सी.एस.जे.एम. विश्वविद्यालय, कानपुर के कक्ष में रखे टेण्डर बॉक्स में आमंत्रित की जाती है। निविदा प्रपत्र एवं विस्तृत विवरण वि०वि० की वेबसाइट [www.kanpuruniversity.org](http://www.kanpuruniversity.org) पर उपलब्ध है।

(राम चन्द्र अवस्थी) कुलसचिव

  
(राम चन्द्र अवस्थी)  
कुलसचिव

## **CHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR**

Tender No:-CSJMU/ENGG. (E)/ 894 (II) /2017

Date:- 13/07/2017

1. **Name of work** - Operation & AMC of A.C. Plant capacity 240 (3X80) Ton & 50 Ton at Auditorium & Adm. bldg. in CSJM University, Kanpur.
2. **Tender Cost** - Tender forms along with terms and conditions can be obtained from cash counter of university from 13.07.2017 to 24.07.2017 up to 1:00 PM on payment of Rs.500.00. Receipt of tender cost must be enclosed with the technical bid. Alternatively forms can be downloaded from university website: [www.kanpuruniversity.org](http://www.kanpuruniversity.org). Downloaded forms to be submitted with a demand draft of Rs.500.00 in favour of "Finance Officer, C.S.J.M University, Kanpur" payable at Kanpur.
3. **Earnest money to be submitted** - The bidder shall deposit the earnest money of amount Rs.25,000.00 in the form of FDR/D.D./Bankers chq, in favor of "Finance Officer, CSJM University" Kanpur, payable at Kanpur
4. **List of documents (Self attested Xerox copy) to be submitted necessarily with tender:-**
  - a. Valid 'A' class electrical contractor license.
  - b. Certificate of enlistment with PWD/CPWD or any other govt. /semi-govt. organization.
  - c. The firm must provide work experience certificate issued by competent authority for maintenance work experience of 80 Ton capacity AC plant for three years or 240 Ton AC plant one year or more in govt. / semi-govt. organization.
  - d. GST number of the firm.
  - e. PAN card number of the owner/proprietor.
  - f. EPF number of the firm .
5. Tenderers are advised to go through the instructions carefully and furnish complete information along with their tender offer, failing which their offer shall not be considered. Tenders shall be accepted in two separate parts and each shall be in separate sealed cover as-
  - a. **TENDER BID PART I :-** Part I shall contain the earnest money, tender cost and all documents as above listed 2, 3, 4. The sealed envelope containing this part of the tender bid shall be super scribed- **Tender bid part- I ( Technical )**
  - b. **TENDER BID PART II :-** Part II shall contain tender schedule rates only. The sealed cover containing this part of the tender bid shall be super scribed- **Tender bid Part- II (Financial Bid)**
  - c. **TENDER BIDS PART I & II :-** Part I & II shall be put in one big envelope duly sealed and marked as "Tender for – Operation & AMC of A.C. Plant capacity 240 (3X80) Ton & 50 Ton at Auditorium & Adm. bldg. in CSJM University, Kanpur. It will be endorsed to The Registrar C.S.J.M. University, Kanpur.
6. The tenders shall be received up to 02:00 PM on 24.07.2017 in the office of Estate officer, C.S.J.M. University, Kanpur. The tenders will be publicly opened in meeting hall of administrative building at 03:00 PM on the same day. Tenderers are advised & invited to be present there.
7. If the scheduled date of tender opening is holiday shall be received and opened on next working day at the same time and place or due to any other reason it will not be become possible to open the tenders shall be open on next working day at the same time and place.
8. The rates should be quoted in the form of schedule of quantities of tender document.
9. Work and site can be seen in the CSJM University campus on any working day.



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**TERMS & CONDICTIONS**

1. The successful tenderer will have to execute an agreement with the university.
2. The university does not pledge to accept the lowest or any other tender and reserves the right not to accept the whole or any portion of any tender as it may think fit without assigning any reason for non-acceptance or selection or reject all tenders without assigning reason thereof.
3. The tender document once submitted will not be returned.
4. Conditional offers shall not be entertained in any case.
5. Payment will be on quarterly basis after satisfactory job work.
6. The contract shall cover all AC Plant work including T&P and labour etc. Materials shall include in the scope of work. The contractor shall be fully responsible for timely execution of all the activities under above contractor so that the work is completed.
7. All required spare parts for AC Plant maintenance shall be of approved /same make & capacity & will be provided by the contractor at his own cost as per the direction of engineer/In-charge.
8. The contractor will make his own arrangements for electricity / water required for maintenance of AC Plant. Nothing shall be paid on this account by the University.
9. The contractor will arrange for temporary stores at the site of work at his own cost.
10. Regular Testing of maintenance material as per standard practice or direction of Engineer-in-Charge shall be carried by contractor at his own cost from standard laboratory.
11. GST will be paid extra by university as applicable. The TDS as per norms of U.P. state govt. / govt. of India shall be deducted from the bills of the contractors at the prescribed rates.
12. AC Plant maintenance work under comprehensive.AMC will be for one year from the date of start of AMC. This period may be extended with mutual consent of both the parties for further next two years on yearly basis.
13. Complaints shall be attended preferably on the same day but necessarily on the next working day. If any complaint remains pending for more than two days, penalty shall be recovered on the basis of log-book record at the rate of Rs.1000.00per day per complaint/default. The amount of penalty shall be recovered from contractor bill. Contractor shall be required to keep material of approved brand and other spare parts in ready stock for immediate replacement.
14. In case any program is disrupted due to break down of plant, a penalty of 5% of total AMC value may be recovered from contractor bill.
15. A penalty of Rs150.00per man shift shall be liable in case there is a shortage of manpower and this penalty shall increase to Rs.300.00 per man shifts if the shortage is more than 10 man shifts a month.
16. The AC Plant shall be maintained for preventive maintenance and also shall be attended on" as and when required basis". Replacement of all AC Plant spare parts including compressor, blower, condenser, cooling tower, electrical motor, electrical switchgears, existing panel/starter, printed circuit board, chilled water refrigerant and all relative approve materials included in the scope of work. The work is therefore for comprehensive maintenance including service and components.
17. In case replacement of compressor, blower, condenser, cooling tower, electrical motor, electrical switchgears, existing panel/starter, printed circuit board, chilled water refrigerant and all relative equivalent make and rating should be provided by the firm. Guarantee/ warranty card with due seal of the dealer/supplier must be deposited with the university. The defective non- repairable materials can be taken by the firm. No extra payment will be made for the replaced materials.



18. Contractor will have to do routine check of AC Plant once every fortnight. It will be the contractor's responsibility to ensure that the AC Plants working condition & neat and clean at all times.
19. However if any one of AC Plant break down or services are disrupted for two consecutive days, the contract may be rescinded without any notice and the security deposit may be absolutely forfeited.
20. Subletting the work is strictly prohibited and also the operating staff shall maintain discipline and works ethics. However the university shall have the right to ask any of maintenance staff to leave the premises if in the opinion of the university the conduct of such an employer is not in the interest of the university.
21. The contractor shall have to pay the wages to workers as per the norms of U.P. govt. / govt. of India.
22. A list of all complaints and its day to day status shall be recorded in a log-book and this record shall be put up to the Engineer in charge on regular basis.
23. The qualification and experience of the staff shall be as under :-
  - (a) Mechanic/operator - Skilled in the similar field
  - (b) Helper - Literate, preferably High School Pass.
24. Any referral dispute shall be referred to Vice Chancellor whose decision will be final.
25. 10% Security Amount of the tender value of AMC will be deposited by the successful bidder in the form of FDR in favor of Finance Officer, CSJM University, Kanpur.
26. The AC Plant will be handed over to contractor on **"AS IS WHERE IS"** condition.
27. During the maintenance/service/overhauling of relative works within the contract period, if any accident occurs connecting to equipment/persons of contractor, it will be responsibility of the contractor. The contractor shall be bound to follow all working safety norms both mechanical and electrical.
28. The C.S.J.M University authority may short close / cancel the contract at any time in case of unsatisfactory performance or defect on the part of contractor or due to any administrative and unforeseen reason.
29. The contract cannot be short closed / cancelled by the contractor without permission of the University authority. Minimum 3 month advance intimation shall be given by the contractor for short closing / cancellation of the contract.





**SPECIAL CONDITION (SCOPE OF WORK)**

The following condition are also cover in scope of work

1. The under mentioned equipment are covered in the scope of comprehensive maintenance contract-
  - 03nos.Chiller compressor 240 {3x80} Ton capacity, complete with motor, condenser, chiller with micro processor controller, power & control cabling, pipe line valve etc.
  - 03 nos. Condenser pumps of 9.3 KW and complete pipe line & valve etc.
  - 03 nos. chilled water pumps 9.3 KW and chilled water pipe & valve etc. within the plant room.
  - 02nos.cooling tower complete with fan, pipes, strainer, etc.
  - Main electrical panel for incoming supply and outgoing feeders to all drivers in the plant room, star-delta starter for compressors etc. all repairs on electrical items are included.
  - 05 nos. AHU complete with motor.
  - 01 no. Chiller compressor 50 Ton capacity, complete with motor, condenser, chiller, AHU complete with motor & power control system, cabling, pipe line, valve, cooling tower complete etc.
2. The installation shall be maintained in the existing original condition / position. The installation is running quit satisfactory. The contractor shall be solely responsible for maintenance and upkeep of the equipments in good conditions.
3. The preventive maintenance schedule shall be prepared and submitted in advance. The necessary shutdown may be taken with prior permission of the university.
4. **Preventive maintenance of the AC plant will be done periodically by the contractor. -**
  - Leak test of refrigerant system - weekly
  - Check and adjust belt tension - weekly
  - To drain flush and clean water tank – 15 days
  - To check oil level of compressor and fill up if required – weekly
  - To check and clean contact point of starter – monthly
  - Cleaning of water tubes of condenser and cooling coils- Twice in contract period.
  - Check, repair /replace oil strainer of comp {if required}-Twice in contract period.
  - To clean AHU fins of cooling coil-Twice in contract period.
  - To clean stand pipe and spray headers in air washer / CT- Twice in contract period.
  - ,De-scaling of condenser- Twice in contract period.
  - Painting of water supply and return pipe line with blue oil paint- once in year.
  - Checking-suction pressure Discharge pressure and oil pressure of the compressor.
  - Checking-Temperature of the Auditorium ( air conditional area ).
  - Checking-humidity of the Auditorium ( air conditioned area ).
  - Over Hauling once in contract period.
5. A list of components and consumable items replaced shall be maintained along with other records of plant maintenance and operation. Proper log sheets of running the plant and record for preventative maintenance of plant shall be maintained. These records shall be put up to the Engineer-in- Charge on regular basis.

6. The operating staff shall maintain discipline and works ethics.
7. Contractor will provide one skilled mechanic/operator and helper for smooth function of AC Plant.
8. The contractor shall have to maintain proper log-book on the prescribed format.
9. Contractor must ensure that the AC Plant is to be maintaining in good running condition.
10. Time of operation:- As required by the CSJM University Kanpur.
11. Breakdown of AC plant should be attended on priority. No AC Plant shall remain out of service for more than 24 hrs.
12. A proper painting of all the equipment of AC plant & electrical panel, and code sign writing etc. shall be done within three months time after placement of the order.
13. Protecting the AC Plant against theft and trespass.
14. Maintaining close liaison with the controlling officer and the for receiving instruction and deploying manpower as per the requirements.



**CHHATRPATI SHAHU JE MAHARAJ UNIVERSITY, KANPUR**

**Technical Bid**

Name and address of the firm.....

.....Telephone No.....

Electric License No. ....

Enlistment Details.....

Experience Details.....

GST Number:-.....

PAN No..... EPF No.....

***Details of Earnest Money -***

EMD Amount Rs..... Bank Name & Branch.....

Bankers Cheq. / D.D/FDR No.....Date.....

***Details of Tender cost -***


Tender Cost Rs..... Receipt / D.D No.....

Bank Name & Branch.....Date.....

I have read all the terms and condition and I pledge to abide by them.

Date & Signature of Tenderer (With Seal):-.....

***Enclosures :-***

  
Registrar  
C.S.J.M. University, Kanpur

**Financial Bid****SCHEDULE OF QUANTITY**

NAME OF WORK: - Operation & AMC of A.C. Plant capacity 240 (3X80) Ton & 50 Ton at Auditorium & Adm. bldg. in CSJM University, Kanpur.

| Sl. No.                          | DESCRIPTION               | QTY          | UNIT    | RATE | AMOUNT |
|----------------------------------|---------------------------|--------------|---------|------|--------|
| 1                                | AMC of 3x80 ton A.C plant | 12 months    | monthly |      |        |
| 2                                | AMC of 1x50 ton AC plant  | 12 months    | monthly |      |        |
| 3                                | Operation of A.C Plant    | As required. | per day |      |        |
| (Rs. In words:-.....) Total Rs:- |                           |              |         |      |        |

  
**Registrar**  
**C.S.J.M. University, Kanpur**