

छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर

Ref. No.: C.S.J.M.U./ R.Camp. / 263/2012

Date : 20.09.2012

अल्पकालीन निविदा सूचना

विश्वविद्यालय में एयर कण्डीशनर फ्लॉट (3x80 टन) के रख-रखाव एवं संचालन के (र.एन. सी.) हेतु सक्षम कर्मों से दिनांक: 01.10.2012 को अपराह्न 2:00 बजे तक मुहरबन्द निविदा सहायक कुलसचिव (मु0 एवं प्र0) के कक्ष में आमंत्रित की जाती है। निविदा प्रपत्र, आवश्यक निर्देश एवं विस्तृत विवरण विश्वविद्यालय की वेबसाइट www.kanpuruniversity.org पर उपलब्ध है।


कुलसचिव

CHHATRAPATI SHAHU JE MAHARAJ UNIVERSITY, KANPUR

Ref.No.CSJMU/*R. Comp*/1263/2012

Date:-20.09.2012

S.NO.01..

SHORT TERM TENDER NOTICE

Sealed tenders are invited for “Annual comprehensive maintenance & operation of 240 Ton (3x80 Ton) capacity Air Conditioner Plant at auditorium in university campus” up to 02:00 P.M of ~~01.10.2012~~.....Tender forms along with terms and conditions can be obtained from cash counter of university for Rs 500/- or should be downloaded from university website: www.kanpuruniversity.org. Downloaded forms as to be submitted with a Demand draft of Rs.500/- in favor of Finance Officer, C.S.J.M University, Kanpur" payable at Kanpur. Tenders will be opened on ~~01.10.2012~~..... at 03:00 P.M in presence / absence of tenderers or their representatives.


Registrar
C.S.J.M University, Kanpur

SPECIAL TERMS & CONDITIONS

1. Scope:-

The Scope of work covers all activities related to **Operation & Annual comprehensive Maintenance of 240 Ton (3x80 Ton) Capacity Chiller A.C Plant at auditorium in Chhatrpati Shahu Ji Mahraj University Kanpur.**

2. Nature of Contracts:-

The contract shall cover all Maintenance work including T&P and labour etc. to complete the scope. Materials shall include in the scope of work. The contractor shall fully responsible for timely execution of all the activities under above contractor such that the work is completed and handed over within minimum completion period. The contractor shall be fully responsible for the work to be executed under the contract and any breach or default under the contract will be giving CSJM University the absolute right to take appropriate action under the contracts including right to recover damages or terminate the contracts .Any such breach or occurrence if any of the contract shall not relive the contractor of any of his responsibility / obligations under the contract and no time extension shall be given to the contractor on these grounds.

- a. All required Tools & Plant, workers, materials required for maintenance of A.C Plant shall be arranged by contractor.
- b. The contractor will arrange for temporary stores at the site of work at his own cost.
- c. 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.
- d. Jr. Engineer {Electrical} CSJM University will be the Engineer-in-charge for this work.


Registrar

3. Tender should qualify following criteria:-

(a) Authorized service dealer / provider of Air Conditioner / A.C Plant.

OR

Enlisted contractor of P.W.D / CPWD or any other government / semi- Government Organization.

(b) The firm must provide evidences of adequate work experience of same kind in Government / semi-Government organization.

(c) Firm service Tax no.

(d) Firm TIN no.

(e) PAN card no. & Income Tax Return indicating annual turn over for last three years.

4. Dully filled tenders along with all document and catalogue in a sealed cover and the cover containing the words "Tender for Annual comprehensive maintenance of Air Conditioner plant" shall be accepted in the office of Assistant Registrar (PP) CSJM University Kanpur till 2.0 pm dated 01.10.2012.....

5. The rates quoted should be inclusive of all taxes. University will not pay any taxes separately. The tax as per norms of U.P. State Government / Government of India shall be deducted from the bills of the contractors at the prescribed rates.

6. Payment will be on quarterly basis after satisfactory job work.

7. All the air conditioner Plant under comprehensive AMC will be maintained 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 year on yearly basic.

8. Filled in Tender form should be accompanied with the earnest money Demand Draft/ FDR of Rs. 25000/- (Rs. Twenty five thousand only) drawn in Favor of "Finance Officer, C.S.J.M. University, Kanpur" payable at Kanpur.

9. The firm will depute the service of only the qualified and experienced staff at the disposal of the university exclusively for this work, who shall report to the university Engineer- In- charge of air conditioner plant on all working day.

10. Work and site can be seen in the university campus on any working day.


Registrar

11. The air conditioners plant shall be maintained for preventive maintenance and also shall be attended on "as and when required" basis. Replacement of all spare parts including compressor, blower, condenser, cooling tower, electrical motor, electrical switchgears, existing panel/ starter, printed circuit board, chilled water refrigerant etc are included in the scope of work. The work is therefore for comprehensive maintenance including service and components. Any materials shall be replaced from approved make of manufacturers only by the bidders.
12. The right to reject all or any of the tenders and to air conditioner plant, up the work relaxes any or all the above condition without assigning any reason is received with the CSJM University.
13. 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 of in the opinion of the university the conduct of such an employ is not in the interest of the university.
14. The contractor shall have to pay the wages to mechanics & helpers as per U.P. Govt. / Government of India. Notification approved by labour commissioner Ministry of labour from time to time and as per the norms.
15. University reserves the right to reject any or all the tenders in part or full without assigning any reason thereof.
16. Any referral dispute shall be referred to Vice Chancellor whose decision will be find.
17. 10% Security Amount of the tender value of annual comprehensive maintenance will be deposited by the successful bidder in the form of FDR in name Finance Officer CSJM University Kanpur.


Registrar

18. Withholding of Payments:-

The University may with hold the whole of or part of any Payment due to the contractor, including but not limited to the following:

- a) Defective work not remedied or guarantees not met.
- b) Claims filed against the contractor.
- c) Failure by the contractor to make due payments for the material or labour or subcontractors employed by him.
- d) Damage to another contractor directly employed by the purchaser.
- e) Insufficient progress.

When the grounds for withholding payments are removed, payments of the amounts to the contractor shall be made by the purchaser.

19. Condition for AMC & operation of A.C plant:-

- (i) 240 Ton A.C Plant (80TRX3 Nos.) will be operated and maintain by the contractor.
- (ii) **Time operation:-** As per required by the C.S.J.M University, Kanpur
- (iii) **Damage/Penalty Clause:-** In case plant remain under breakdown/in-operative due to contractor's work during any programme damage /penalty charge will be effected at the rate of 5% per programme of the total AMC value of A.C plant contract.
- (iv) **Accident:-** During the maintenance/service / operation / overhauling of the A.C plant or relative Work within the contract period, if any accident occurs connecting to sub station , equipment / persons of the contractor, will be responsibility of the contractor. The contractor shall be bound to follow all working safety norms both mechanical and electrical.
- (v) **Short closing / Cancellation of contract:** - 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.
The contract cannot be short close / 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.
- (vi) Such firms/ contractors who have no experience in execution of work of similar nature of job may not be considered.
- (vii) The plant will be handed over to contractor on "AS IS WHERE IS" condition.
- (viii) The firm should quote separately for operation of A.C plant & maintenance of A.C plant.


Registrar

SCOPE OF WORK (Annual Comprehensive Maintenance & Operation For A.C. Plant)

For the annual operation and comprehensive maintenance contract of 240 {3x80} Ton capacity chiller of the A.C. plant system, the following are scope of work and special condition of contract:-

1. The under maintained equipment are covered in the scope of operation and maintenance contract.
 - 03 Nos. 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. with in the plant room.
 - 02 Nos. induced draft cooling tower complete with fan, pipes, strainer, make up water tank {overhead & underground and its pump} 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.
2. Any refrigeration gas or lubrication oil required for topping up in all the three machines at during the period of AOMC shall be supplied by the contractor. However at the time of break down in any machine, the refrigerant gas will be provided by the contractor.
3. All spare parts required in routine maintenance are included in the scope of contract. However if any spares parts are to be changed or repaired or the main motor for the compressors requires rewinding and replacement and any major indigenous parts like PVC filling of cooling tower, cooling tower gear box, fan assembly, MS base frame salt charging in the softener, electric motor, electric switchgears in the existing panel/starters and other modification works etc, because of normal wear & tear these shall be arranged by the contractor.
4. Repair of all condenser, chilled water refrigerant pipes and valves etc. is included in the scope of the work. The Re-insulation and cement plaster over the insulation and panting etc. Within the plant room are also included. However replacement of pipe lines/valve required shall be arranged by the contractor.
5. All type repairs of condenser schedule shall be prepared and submitted in advance and that should be included in the scope of contract.


Registrar

6. Preventive maintenance of the 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.
 - Compressor oil after repairing of compressor, de-scaling of condenser- Twice in contract period.
 - Painting of water supply and return pipe line with blue oil paint- once in year.
 - Daily checking-suction pressure Discharge pressure and oil pressure of the compressor.
 - Daily Checking-Temperature of the Shop {air conditional area}.
 - Daily checking-humidity and odor of air conditioned area of the shop.
 - Over Hauling once in contract period.
7. 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.
8. The operating staff shall maintain discipline and works ethics.
9. A penalty of Rs 150/- per man shift shall be liable in case there is a shortage of manpower and this penalty shall increase to Rs.300/ per man shifts if the shortage is more than 10 man shifts a month.
10. Only the qualified and experienced staff for operation and maintenance of the AC plant shall be engaged, Staff shall have One Skilled Operator / Mechanic & One Skilled Electrician.


Registrar

11. The following works are included in scope of operation and maintenance contract of AC plant
 - Descaling of condensers from time to time to maintain the efficiency of the plant as per direction of engineer-in-charge.
 - Any topping up periodically replacement of refrigerant and lubricating oil shall be covered in the scope of work and shall be provided and maintained by the contractor.
 - Cleaning repairing and routine maintenance of all the machine are included in the scope of the work including rewinding of electrical motors and major overhauling of compressors and machining etc.
 - The spare parts if required for replacement of damaged and defective parts will be supplied by the contractor free of cost as and when required. The parts shall be fixed by contractor.
12. The contractor shall have to maintain proper log book on the prescribed format and shall make the record available for inspection by the CSJM University. The log book format will be given by the CSJM University.
13. The schedule of preventive maintenance of the plant and its equipment shall have to be prepared and submitted to the engineer-in-charge well in advance so that shutdown program can be issued for maintenance work.
14. Any other piece of work not specifically mentioned above but essential for the normal operation and maintenance is also covered in the scope of work.
15. Contractor must ensure that the Auditorium AC plant is to be maintaining in good running condition, clearing of condensers & component storage chamber.
16. Contractor must insure that some essential mechanical spares are to be kept ready on site for immediate replacement.


Registrar

BILL OF QUANTITY

Name of Work: - Annual comprehensive maintenance & operation of 240 Ton (3x80 Ton) capacity Air Conditioner Plant at auditorium in university campus.

Sl.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Annual comprehensive maintenance contract of 3x80 Ton A.C plant	12 Months	Monthly		
2	Operation of A.C Plant	As per required.	Per Day		
	Total Rs.				

Total (in words) Rs. _____


Registrar

CHHATRAPATI SHAHU JE MAHARAJ UNIVERSITY, KANPUR

KALYANPUR, KANPUR

NAME AND ADDRESS OF FIRM.....

.....

.....

SERVICE TAX REGISTRATION NUMBER:-.....

VAT/ TIN/ PAN NO:-.....

TELEPHONE NO:-.....

DETAILS OF EARNEST MONEY DEPOSIT

BANKERS CHEQUE/ D.D NO.....Date.....

Amount.....

DETAILS OF TENDER FEE DEPOSIT:-.....

Receipt/ D.D No.....Date.....

Amount.....

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

DATE & SIGNATURE OF TENDERE (WITH SEAL):-.....

ENCLOSURES:-

1.

2.

3.

4.

5.


Registrar