

CHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

Instructions to the tenderer

(Against Tender Specification No : C.S.J.M.U./A.R.(P.P.) /1345/2011 Dated : 11/08/2011)

- 1- **Date of Opening** - **18.08.2011**

- 2- **Scope of work** - Comprehensive annual operation & maintenance contract for 240 Ton (3x80 Ton) Capacity A.C. Plant at auditorium situated in University Campus.

- 3- **Amount of earnest money to be submitted**- The Bidder shall deposit the Earnest Money amount @ **25,000/- in the shape of DD/ Banker chq, in favour of Finance officer CSJMU University, Payable at Kanpur.**

- 4- **List of documents (self attested Xerox copy) to be submitted-**
(Tender should qualify the following criteria):-
 - (a) Authorized service dealer / provider of Air Conditioner & A.C. Plant.
OR
Enlisted Contractor of PWD/CPWD and / or any other Government / Semi Government Organization.

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

 - (c) Service tax no.

 - (d) Tin No.

 - (e) List of ongoing work.

 - (f) PAN CARD No./Audited/Certified financial statement of account by chartered accountant & Income Tax Return indicating annual turn over for last three years.

 - (g) Order copy of work executed till date.

5- Cost of Tender document -

COST OF TENDER:- 1,000/- payable by DEMAND DRAFT/ BANKER'S CHEQUE drawn in favour of Finance officer CSJMU University, Kanpur. ***The tender document is available on web site- www.kanpuruniversity.org in a downloadable format. The same may also be purchased from cash counter of the university for Rs. 1000.00. No fee for downloading of bid documents is required, however cost of Tender document mentioned above, i.e.1,000/-, shall be compulsorily deposited by the firm/tenderer, while submitting the bid.***

INSTRUCTIONS TO TENDERERS

1. Tenderers are requested to go through the instructions carefully and furnish complete information along with their tender offer, failing which their offer may not be considered at all. Tenders shall be received in two separate parts each shall be in separate sealed covers as hereunder:-
 - (i) TENDER BID PART-I:- shall contain the earnest money of ₹ 25,000/- in the shape of Bank draft /FDR, experience certificates, photocopy of PAN card, photocopy of TIN allotment certificate, technical particulars and documents. The sealed cover for this part of the Bid shall be subscribed "Tender Bid part-I"(Earnest Money) against tender No.- **C.S.J.M.U./A.R.(P.P.) /1345/2011**
 - (ii) TENDER BID PART-II shall contain rates only . The sealed cover containing this part of the tender bid shall be subscribed „Tender Bid part-II“(commercial)
 - (iii) TENDER BIDS PART-I AND PART-II-shall be put in one big envelope duly sealed and marked as" Tender against tender No.- **C.S.J.M.U./A.R.(P.P.) /1345/2011** , KANPUR due for opening on 18-08-2011 at 15.00 hrs.
 - (iv) Telegraphic tender or in any form other than the above, shall not be accepted.
- 1.02 The tenders shall be received upto 14.00 hrs on 18-08-2011 in administrative building of the university. Tenders received late shall not be considered.
- 1.03 The tenders will be publicly opened in this office at 15.00 hrs on 18-08-2011 in presence of tenderer or their authorized representatives who wish to be present. In case, the offer is not with the valid earnest money, part-II of the tender bid shall not be opened. No further consideration of the tender shall be made in such cases.
- 1.04 Only such firms need tender who can produce satisfactory evidence that they have necessary resources and organization to undertake the work Tendered for to the satisfaction of the purchaser.
- 1.05 Tenderer are requested to submit the price schedule in the prescribed proforma, the appendices / annexure duly filled in it by them as required by following strictly the instructions and notes supplementary there-to, to facilitate purchaser to prepare comparative statement. Failure to do so may prevent the tenderers from being considered.
- 1.06 The successful tenderer will have to execute an agreement in specified contract form for the proper fulfillment of the contract.
- 1.07 The tenderer shall be deemed to have carefully examined the general conditions, special conditions, specifications, schedule etc, attached with the tender specification.
- 1.08 The offers of the tenderers should be valid for 120 days from the date of opening of tender.
- 1.09 Any portion of the terms and conditions as laid down in the specification which is not clear to the tenderer should be got clarified before submission of the tender. Tenderer are requested to adhere to all clauses of the contract form "A"and other terms and conditions to facilitate finalization of the contract. As appended in the this tender document .
- 1.10 The purchaser does not pledge to accept the lowest or any other tender and reserves the right to accept the whole or any portion of any tender as he may think fit without assigning any reason for non-acceptance or selection or reject all tenders without assigning any reason thereof.

- 1.11 The CSJMU University Kanpur ,may revise or amend the specifications and drawings prior to the date notified or opening of the tenders. Such revision and amendment, if any, will be communicated to all tenderers and amendment/addenda to this invitation of the tenders.
- 1.12 Any action on the part of the tenderer to revise the prices /or to change the structure of price/prices at his own instance after the opening of tenders may result in rejection of the tender and/also debarring him from submission of the tenders to the University at least for one year and/or forfeiture of amount of earnest money.
- 1.13 Any approach etc. officially or otherwise on the part of the tenderer or his representative shall render his tender liable to be summarily rejected.
- 1.14 The tender documents once submitted will not be returned back.
- 1.15 The prices of tender specification will not be refunded under any circumstances what-so-ever.
- 1.16 Tender proforma should be filled completely by the tenderers in accordance with the instruction contained herein otherwise their tender may be ignored.
- 1.17 The works will be governed by the “ Conditions of the Contract Form”A”for execution of work enclosed with the specification and the stipulation made in instructions to tenderers.
- 1.18 Tenderer must be registered under U.P.Vanijyakar /Central Sales Tax department and they must specify such registration nos.
- 1.19 Conditional offers shall not be entertained in any case.
- 1.20 Preference shall be given to experienced firms/contractors/ in the finalization of the tender.
- 1.21 Such firms/contractors who have no experience in execution of works of similar nature of job may not be considered .
- 1.22 If the schedule date of tender opening is holiday due to any reason the\ tenders shall be received and opened on next working days at the same time and place .

2. GENERAL CONDITIONS

- (i) In no case, payment shall be made by letter of credit.
- (ii) In case of ambiguous or self contradictory terms/conditions mentioned in the tender, interpretation on any disadvantageous clause to the tenderer shall be taken without any reference to the tenderer.
- (iii) In case, tenderers offer any deviation from these special conditions the same should be clearly brought out in tender bid part-I in the prescribed proforma enclosed. However, the purchaser reserves the right whether to accept the deviations or not.
- (iv) Any over-writing/cutting in the tender should be duly signed and stamped.
- (v) The purchaser shall have the right to award full or part of the work to any of the successful tenderer without assigning any reason thereof.
- (vi) At the time of tender opening, any authorized representative of the tenderer present to attend the same may be asked by this office to produce the certificate of authority from the tenderer, failing which this office reserves the right not to allow him to attend the tender Opening
- (vii) The rates should be quoted in the form of schedule of prices and quantities of tender documents or in the same manner on tenderer's own letter pad. The rate should be FIRM for the entire period of completion of agreement against this tender.

CONDITIONS OF CONTRACT
FOR
Comprehensive annual operation & maintenance contract for 240 Ton (3x80
Ton) Capacity A.C. Plant

1. Scope:-

The Scope of work covers all activities related to **Operation & Annual comprehensive Maintenance OF 240 Ton Capacity Chiller A.C. Plant** at Chhatrpati Shahu Ji Mahraj University Campus, Kanpur.

2. Nature of Contracts:-

The work for maintenance works shall be awarded through this contract :-

The contract shall cover all Maintenance works including T & P and labour etc. to complete the scope. No materials shall included in the scope of work. The contractor shall be fully responsible for timely execution of all the activities under above contract 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 CSJMU 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 relieve the contractor of any of his responsibility / obligations under the contract and no time extension shall be given to the contractor on these grounds.

2.1 All Required Tools & Plant, workers, materials required for maintenance of s/s shall be arranged by the contractor .

2.2 The contractor will arrange for temporary stores at the site of work at his own cost.

2.3 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.

2.4 Jr. Engineer {Electrical} CSJMU University, will be the Engineer In charge for this work.

3. Terms & Conditions:-

- The terms & Conditions of the contract shall be Governed by the General Condition for Execution of work, Form 'A', 'Special Condition of Contract' and other sections of contract document, except for specific modifications/ amendments duly incorporated in the contract. In case of any contradiction or inconsistency between provisions of these Special Conditions' and other annexure of contract, the provisions contained in these special conditions shall prevail..
- All mechanical spare parts including compressor oil and gas required for running and maintenance of the plant will be bought by the contractor. Contractor will repair the parts and in case of replacement defective part will be the property of the Contractor.

- Checking, testing & working of all the motors will be done by the contractor periodically.
- C.S.J.M University will supply / maintain electric power up to the output of electric panel of the A.C Plant and onwards contractor will carry out maintenance.
- Contractor will carry out all maintenance work involved in A.C plant

4. Price:-

The prices of all the items and services as per given schedule I shall remain FIRM in all respects throughout the currency of the contract and for extended period as per consent of both the parties.

5. Taxes and Duties:-

Any taxes, duties and levies shall be contractor's account & no separate claim on this account shall be entertained by CSJMU. No works contract tax shall be payable and CSJMU shall not bear any liability on this account. CSJMU shall not bear any liability towards Turnover Tax, corporate tax, sales tax on works contract, income tax and any other such taxes & surcharge / cess on them, these shall be contractor's account as applicable. CSJMU shall be entitled to deduct income tax and other taxes at source in accordance with provisions of Income tax/ other taxation laws as applicable from time to time. Service tax as legally applicable shall only be paid extra by CSJMU incase the firm produces the proof of the same.

6. Terms of Payment:-

- 1) Payment shall be made on quarterly basis, upon report of satisfactory work by the E/I, but in no case advance shall be paid to contractors.
- 2) In case of unsatisfactory upkeep of the plant during the period penalty, up to 10 percent of the bill Amount shall be imposed, and the contract may be terminated.

7. Material Quality:-

All materials used in maintenance of the works shall be new and shall comply with the standards and codes specified and shall be selected from the best available, considering strength, durability and engineering practices. It will not deteriorate or distort under the prevailing extremes of atmospheric conditions and under the extreme service parameters. Where material/workmanship has not been specifically described in these specifications the contractor shall specifically obtain approval of the Engineer.

The proposal for obtaining the approval shall clearly bring out the merit and demerit. The workmanship shall be in accordance with the best engineering practice and shall be such as have been proved to be suitable for the intended purpose and for giving satisfactory performance under the prevailing climatic conditions.

8. Inspection and Testing:-

In cases where the contract provides for tests whether at the premises or works of the contractor or of any Sub contractor, the contractor shall provide free of charge such items as labour, materials, electricity, fuel, water, stores, apparatus, instruments and the transport as may be reasonably required to carry out effectively, such tests on the equipments in accordance with the contract and shall give facilities to the Engineer or to his authorized representative to accomplish inspection.

All the expenses incurred for testing including material consumed in testing shall be to the contractor's account.

9. Responsibility of The Contractor for Completeness of Contract:-

The contractor shall be entirely responsible for the execution of the contract in all respect in accordance with the terms of the General Conditions of the contract Form 'A', Technical Specifications and schedules attached hitherto. The purchaser shall have the right the require the Contractor to make any change in the general arrangement which may be necessary in the opinion of the Engineer to make the equipment to conform to the provisions and the intent of the contract Specification without additional cost to the purchaser.

10. Local Condition:-

The contractor is deemed to have informed himself of all local conditions and factors which may have any effect on the execution of the work covered under these documents and specifications. The contractor is deemed to have familiarized himself with the Income Tax Act 1961, the companies Act 1956, Customs Act 1962, and other related Acts and Laws with latest revisions prevalent in India. The Contractor shall obtain and pay for all permits and licenses or other privileges necessary to complete the work. The laws, rules and regulations of all Government authorities in India, having jurisdiction over the work shall govern the work of this contract with the same force and effect as if incorporated in full in to the contract documents. Where such laws, rules and regulations conflict with the contract documents the more stringent requirements as interpreted by the Engineer shall Govern. Should such conflict require changes in the contract documents, the contractor shall promptly notify the Engineer.

11. Maintenance Machinery:-

The Contractor shall bring his own maintenance / erection machinery Tools & Plants for maintenance work and shall have to arrange his own set up to maintenance of S/S.

12. Responsibility of Equipments and Materials Received at Site:-

The Contractor shall use the equipments, the materials exclusively for the execution of the contract strictly in accordance with its terms and condition and no part of the equipment shall be utilized for any other work or purpose whatsoever. It should be clearly understood by the Contractor that non-observance of the above obligations by the Contractor shall inter-alia constitute a criminal breach of trust on the part of the Contractor for all intents and purpose including legal / penal consequences.

13. Responsibility of Contractor:-

The Contractor shall keep competent representative(s) constantly in charge of maintenance work on the premises during working hours. He shall arrive at site at least one week in advance of start of work to acquaint himself of the local conditions and to set up his site office and maintenance organization. He shall obtain the approval of the Engineer wherever necessary, shall receive and comply with his direction, carry out work according to approved drawings, specifications and supervise the work of all men employed by the Contractor or his Sub-contractor. He shall inform the Engineer of any inconsistency or discrepancy that may appear in drawings and specifications and will resolve it to the satisfaction of the Engineer.

The Contractor's representative at site shall not be withdrawn without the previous consent of Engineer in writing. If in the opinion of the Engineer the progress of maintenance work by the contractor at any stage needs expedition so as to ensure completion of work within stipulated time, the Engineer shall have the right to instruct the contractor to increase the manpower in appropriate categories and / or the working hour per day and / or maintenance equipments and the contractor shall comply with these instructions forthwith.

14. Care of Finished Work:-

The contractor shall effectively protect the work from action of weather and from damage or defacement and cover finished parts wherever required for their thorough protection. Face work shall be perfectly clean and free from defects.

The contractor and his sub contractor(s) shall be responsible during the execution of their work for protection of the works which has been completed by them Suitable means shall be used to protect finished work when moving equipment.

15. Cleaning up of Work Site:-

During maintenance, the contractor shall without any additional payment, at all times keep the working and storage areas used by him free from accumulation of waste material or rubbish. Upon completion of maintenance, he shall remove or dispose off all temporary structures in a satisfactory manner, waste and debris and leave the premises in a conditions satisfactory to the Engineer .

16. Contractor's Employees at site:-

The contractor shall provide, at the proper time the necessary workmen, supervisors and other personnel duly qualified, experienced and in sufficient numbers for the awarded works. The change in qualifications and experience of different categories of personnel will require prior approval of the Engineer of the contract. The contractor shall employ, at least one competent representative, whose name, qualifications and experience shall have been communicated in writing previously to the Engineer for prior approval to supervise the maintenance work. The said representative or if more than one shall be employed, then one such representative shall be constantly present at site during working hours and may receive any written orders or instructions which the Engineer or his authorized representative may issue.

The Engineer shall be at liberty to object to the representative or any person employ by the contractor in the execution of the works, who shall misconduct himself or be in competent or negligent and the contractor shall remove the person so objected, upon the direction from the Engineer, notice in writing requiring him to do so, and shall provide in his place a competent representative to be employed for the purpose of the work at site when the purchaser shall inform the contractor in writing to that effect. The service of the contractor's representative shall be made available for such period as the Engineer may require and he shall work at all reasonable times as may be necessary to complete the work within the period specified in the contract. Contractor's representative / employees shall abide by all general regulation, in force on the site and to any special conditions affecting the local administration, issued by the purchaser or his duly authorized representative. All the employees of the contractor living on the land belonging to the purchaser shall be deemed to be aware of all dangers and risks incidental to the activities of the purchaser and other contractors and the condition of the purchaser's land and work from time to time, and the purchaser will not be responsible for any injury arising there from. The contractor shall discharge all the obligations under the Indian workman's compensation act and labour law so far as it affects the work under his control.

17. Employees Identification:

The contractor or his representative shall present his employee identification to the Engineer in-charge at CSJMU. Suitable method of identification shall be developed by the Engineer / purchaser and the contractor shall comply with the same.

18. Replacement of Defective works and Rectification of Defects:-

In case any defect is arising due to negligence or bad workmanship the same will be repaired / replaced by the contractor at his own cost and if required a new design shall be done and the cost of design and maintenance shall be recovered from the contractor.

19. Withholding of Payments:-

The University may withhold the whole of or part of any payment due to the contractor, for reasons 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.

20. In case of any disputes relating to the subject matter of contract the order of vice-chancellor shall be final.

21. CONDITIONS FOR OPERATION AND MAINTENANCE OF A.C. PLANT :

- (i) 240 TON A.C. PLANT (80 TR X 3 NOS.) WILL BE OPERATED & MAINTAINED BY THE CONTRACTOR.
- (ii) **Time of Operation :** As per requirement by the C.S.J.M. University, Kanpur
- (iii) **Period of Contract :** 12 Months
- (iv) **Damage / Penalty Clause:** In case plant remain under breakdown/in-operative due to contractor's work during any programme damage / penalty charge will be effective @ 5% per programme of the total value for operation and maintenance of A.C. Plant contract.
- (v) **Accident:** During the maintenance / service / operation / overhauling of the plant within the contract period, if any accident occurs connecting to A.C. Plant, 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.
- (vi) **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.
- (vii) The plant will be handed over to the contractor on "**AS IS WHERE IS**" condition.
- (viii) The firm should quote separately for operation of AC Plant, maintenance of A.C. Plant.
- (ix) The contractor may visit the site before quoting A.C. Plant will be handed over to the University authority in good running / operative condition at the end of TENURE of contract.

SCOPE OF WORK FOR ANNUAL COMPREHANMSIVE 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 towers complete with fan, pipes, strainer, make up water tank {overhead & underground and its pump} etc.
 - 04 Nos.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.
 - Capacitor bank panel.
 - Water softening plant inside plant / outside the plant
- 2- The plant shall be handed over on **“as is where is basis”** All the three compressors are in working condition .The contractor shall be solely responsible for operation, maintenance and up keep of the plant in good running condition. The contractor shall take charge of the total inventory of the plant equipment.
- 3- 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.
- 4- All minor indigenous spare parts required in routine maintenance are included in the scope of contract.However if any imported spares parts are to be changed or repaired or the main motor for ther compressors requires rewinding and replacement and anymajor 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.
- 5- Repair of all condenser, chilled water refrigent pipes and valves etc. is included in the scope of work.The Re-insulation and cement plaster over the insulation and painting etc.Within the plant room are also included.However replacement of pipe lines/valve of required shall be arranged by the contractor.
- 6- All type repairs of condenser schedule shall be prepared and submitted in advance and the included in the scope of contract.

7- 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 starainer 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 / C.T –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 a 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
- 8- A list of all components and consuable items replaced shall be maintained alongwith other records of plant maintenance and operation.Proper log sheets of running the plant and record for preventative maintenence of the plant shall be maintained .These records shall be put up to the engineer-in- charge on regular basis.
- 9- The operating staff shall maintain discipline and works ethics.
- 10- It shall be resposibility of the contractor to supply adequately trained manpower necessary for the operation and maintenance. There shall be two person{2 Nos. 1 operators and 1 electrician} in the AC plant round the clock for seven days a week.In addition to this one Engineer and one electrician shall be available in day shift. The contractor shall be responsible for all the requirement of labour laws governing such deployment. If any violation is noticed any time the contractor shall be solely responsible. Subletting of work in any manner shall not be allowed and if found at any later stage,the contract shall be terminatred.
- 11- 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.

- 12- Only the qualified and experienced staff for operation and maintenance of the AC plant shall be engaged. The qualification and experience of the staff shall be as under-

	Category	Qualification and experience
1-	Operator	ITI in refrigeration & air-conditioning trade
2-	Electrician	ITI in Electrician trade

With 2-3 years experience in similar Fields.

The proof of qualification & experience of staff has to be submitted to CSJMU by the contractor which shall be verified by the engineer-in-charge.

- 13- Contractor shall abide by all necessary requirement of labour laws while engaging the operating staff in the AC plant.
- 14- 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 or 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. However rewinding of electrical motors and major overhauling of compressors and machining etc. shall not be covered in the scope of work. The initial charge of refrigerant and lubricating oil for such repaired/overhauled equipment shall also not be covered in the scope of work.
 - 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.
 - Any modification work as and when required in the plant will be done by the CSJMU University.
 - In case ,there is any loss of gas or lubricants, the same shall be made good by the contractor expect in case of complete overhauling of compressor, modification ion refrigerant/oil system and tube failure of condenser/chiller.
- 15- The contractor shall have to maintain proper log book on the prescribed form and shall make the record available for inspection. The log book format will be given by the CSJMU University.
- 16- 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.
- 17- Any other piece of work not specifically mentioned above but essential for the normal operation & maintenance of plant is also covered in the scope of contract.
- 18- The payment against operation and maintenance during the contract period of one year shall be made against quarterly running bills equivalent to 1/4 of the accepted amount for contractor.

- 19- Contractor must ensure that the Auditorium AC plant is maintained in good running condition , clearing of condensers & component storage chamber.
- 20- Contractor must ensure that some essential mechanical spares are kept ready on site for immediate replacement (Including electrical/electronic panel, transformer, sensor , digital temperature controller etc) .

BILL OF QUANTITY

Sub - Comprehensive Annual operation & maintenance contract for 3x80 Ton
Capacity Chilling AC PLANT.

Sl.no.	Descriptions	Qty.	Rate	Unit.	Amount.
1-	Annual comprehensive maintenance contract of 3 x 80 Ton A.C. Plant for 12 months.	12 months		Monthly	
2-	Operation of AC Plant for 12 months.	As per reqd.		Per Day	
	TOTAL RS.				

Ph.no.. 2570301
2570006

CHHATRPATI SHAHU JI 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 conditions and I pledge to abide by them.

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

ENCLOSURES:-

- 1.
- 2.
- 3.
- 4.
- 5.