



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)
T.R. PATTINAM - 609606, KARAİKAL.



Phone No: 04368- 233060

E-Mail: ppclmmc@gmail.com

Ref. No: W-021/MMC/2022-23/1065

Dt. 07.09.2022

Our GSTIN No.: 34AAACP6507E1ZS

ENQUIRY

To

As per list enclosed.

Sub: Inviting offer Annual Maintenance contract for Main AC Plants
1 & 2 at PPCL, T.R.Pattinam, Karaikal- Reg.

QUOTATION TO BE:

Submitted on or before 03.10.2022- 12.00 PM	Opened on 04.10.2022 -03.00PM
Kept valid up to three months	Submitted in Two Part.

Sealed quotations are invited for Annual Maintenance contract for Main AC Plants 1 & 2 as per the scope of work furnished in the annexure-1 & 2 and as per our terms and conditions mentioned therein.

PRE-QUALIFICATION REQUIREMENTS:

THE BIDDER SHOULD HAVE EXPERIENCE IN AC PLANT AMC IN ANY POWER PLANT / INDUSTRIES. THE SUPPORTING DOCUMENTS SHOULD BE ENCLOSED WITH THE OFFER.

TERMS AND CONDITIONS:

1. The rate quoted should be inclusive of manpower, tools and tackles, etc. required for the works, GST, EPF & ESI charges and other charges as admissible.
2. Your previous track record details and performance report from your customers to be enclosed.
3. Payment will be made at the end of each Quarter.
4. The bill in triplicate along with advance stamped receipt should be sent to the undersigned for effecting payment.
5. The L1 position shall be arrived on total amount quoted basis for completing the entire scope of work furnished in the annexure.



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6. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of Rs.6,000/- (Rupees Six thousand only) should be paid by demand draft drawn in favour of the Executive Engineer (Mech), Puducherry Power Corporation Ltd T.R. Pattinam, Karaikal on any Nationalized/Scheduled bank payable at Karaikal. The same should be enclosed along with tender/quotation. The earnest money deposit will bear no interest and will be released after successful completion of the supply and acceptance. The EMD will be returned to unsuccessful bidder on receipt of a letter requesting for the same after placement of order to the successful bidder.
7. **PSU & Parties registered with NSIC/SSI/MSME are exempted for submitting EMD/SD.** However copies of supporting Documents/Certificates should be kept in separate cover super scribing "Earnest Money Deposit Exemption".
8. The party shall be required to place the earnest money and the tender in separate sealed envelopes marked "Earnest Money" and "Tender" respectively. Both the envelopes shall then be placed in another sealed envelope and submitted to the tender inviting authority in the usual manner. The officer opening the tenders shall first open the envelope containing the earnest money. If the earnest money is found to be in order, only then the Officer shall proceed further with opening the tender.
9. **The bidder shall make payments for ESI & EPF in separate code number other than PPCL code. No permission shall be given for PPCL code. If the party fails to arrange the ESI/EPF Code, the contract will be cancelled.**
10. **PAYMENT: 80%** Payment will be made within 30 days from the date of receipt of your invoice after completion of work satisfactorily and approval of Engineer-in-charge and the balance **20%** Payment will be made after submission of ESI / EPF etc. documents.
11. **The bill in triplicate along with advance stamped receipt should be sent to the undersigned for effecting payment.**
12. The **20%** Payment will be made only after submission of the following:
 - **For EPF:**

To be generated from the EPF website for the specific month for the manpower deployed to PPCL and the same to be enclosed separately with a covering letter.

 - i. Combined challan of account no.01, 02, 10, 21 &22 with TPRN number.
 - ii. EPF-Electronic Challan cum Return (ECR)
 - iii. EPF Challan summary/EPF-TRPN details.
 - **For ESI:**

To be generated from the ESI website for the specific month for the manpower deployed to PPCL and the same to be enclosed separately with a covering letter.

 - i. ESI challan number
 - ii. ESI monthly contribution -online challan status (Transaction details)
 - iii. ESI monthly contribution (Contractor wise) for the month of.....



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13. Necessary Gate pass should be obtained well before the commencement of work.
14. All the Safety Rules as per the Factory Act 1948, Puducherry Factory Rule and PPCL Safety instructions to be strictly followed inside the plant area.
15. In case of any faulty workmanship in the scope of work, the tenderer must rectify the same. Otherwise the estimated amount will be deducted in your work bill.
16. Our GSTIN No.: 34AAACP6507E1ZS registered with Commercial Taxes Department, Puducherry.
17. Break down response call should be attended within 24 hours.
18. The period of contract commences from the date of taking over the A/C plants by the party on their visit to this plant and with written acceptance after providing security deposit amounting to 10% of contract value.
19. Sealed quotation should be super scribed as "QUOTATION / ENQUIRY NO. W-021 "Annual Maintenance contract for Main AC Plant-1 &2 at PPCL, T.R.Pattinam, Karaikal - due on 03.10.2022.
20. Applicable other charges, if any should be clearly mentioned as whether inclusive or exclusive. If not mentioned, it will be presumed that the rate quoted is inclusive of all taxes other charges.
21. The party should submit two copies of photographs of all the employees deployed in PPCL for the above work for gate pass purpose. The name & photo of the employees should be attested by the contractor.
22. The undersigned reserves all rights to accept/reject any or all the quotations without assigning any reasons thereof.
23. The work should not be sub-let. Sub-contracting not permitted.

08/09/2022

EXECUTIVE ENGINEER (MECH)-PLANT

o/c
Bolt



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ANNEXURE-1

Specification of A/C plant:

Type : Open Compressor, water cooled A/C plant
Capacity : 2 x 50 Ton, No. of cylinders : 6, capacity control: 3

Compressor:

Kirloskar make compressor, Model: AC 670

Condenser:

Shell and tube type - 2 nos.

Split casing model Kirloskar make condenser pump - 2 nos.

Condenser pump motor: 5.5 kw, Crompton greaves make - 2 nos.

Air handling Unit - 2 nos:

AHU 12 model, Belt driven blower.

No.of filters: 24, 15 kw Crompton greaves make drive motor

GENERAL CONDITIONS

1. The AMC is for preventive as well as for breakdown maintenance of equipments and accessories fitted with air conditioner plant installed at Puducherry Power Corporation, Karaikal.
2. Presently, both the AC Plants are smoothly running and performance of AC Plants are satisfactory. The components/accessories of air conditioner plant are working condition with reputed/branded make.
3. Preventive maintenance service would be carried out by the Contractor regularly to keep the equipment running in a trouble free condition during the period of contract. All the faults will be attended at site of Corporation.
4. The Contractor must have an experience in maintenance & operation of Air-conditioning plant and must have executed similar work and should provide documentary evidence in this regard. Self attested copy of documentary proof as required above must be furnished along with their offer.



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5. The AMC Contract will be awarded for a period of one year from the date of awarding the contract. The period of AMC can be extended for another one year based on mutual agreement/contract.
6. The interested bidder should inspect the AC plant submitting their bids. The plants can be inspected on any working day between 11:00 hours and 17:00 hours with the Engineer in charge or authorized representative of PPCL. The tenders' must thoroughly inspect the systems and furnish their quotes in -as is where is condition without stipulating any preconditions.
7. The maintenance charges quoted by the agency per item are on yearly basis inclusive of all taxes and levies applicable. No escalation of prices shall be permitted on any ground.
8. The AMC premium will be released quarterly at the end of each quarter on production of bill and service reports.
9. This is the sole responsibility of the contractor to submit the service reports of scheduled/breakdown service report at the time of submission of bill.
10. The required tools and plants for carrying out the work shall have to be arranged by the Contractor at his cost and no tools will be arranged by PPCL. The Contractor shall keep all required tools at site.
11. During this period the contractor will be liable for 01 overhauling of both the plant during the period of contract. The overhauling is supposed to be carried out at the start of the contract or at the middle of the contract.
12. The contractor should deploy adequate number of skilled/semi - skilled labours. The Technicians are to be competent and have experience in handling Air-conditioning plants.
13. Arrangement of necessary tools, instruments and other necessary items for operations, maintenance and servicing work will be the sole responsibility of the contracting agency. Refrigerant gas pipe coil & fittings, brazing tolls consumables are contractor's scope.
14. The PPCL shall supply the consumable materials and spare parts. The contractor should intimate the essential and necessary spare parts during contract period well in advance so that it can be procured by PPCL for ready requirement.



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15. Scrap generated out of replacement of during work is to be stored in PPCL scrap yard.
16. The contractor must ensure the comfortable conditions inside the Air-conditioned area while keeping the machine parameters normal.
17. The contractor will be liable to handover the plant in running condition with all the equipment serviceable at the end of contract or termination of contract.
18. As far as possible, the contractor will engage same manpower for the job defined in the work-scope so that there is continuity of work and the job quality does not suffer.
19. The period of contract will be one year from the date of award of work and may be extended for a further period of one year depending upon the satisfactory performance and on the same rates, terms and conditions. However, decision of the Engineer-in-charges shall be final in this care.
20. No additional payment will be made for transportation of equipment from the PPCL to parties work shop or delivery of the materials to the PPCL at any point of time.
21. The works of urgent nature should be attended immediately whether it is office hours or holidays for which no additional charges will be payable. If the part fails to maintain or to carry out the repairs of any defect to the satisfaction of the office, then the PPCL, in order to keep the A/C plant running will undertake the works of getting it done through outside agency and cost incurred thereby will be deducted from the contractor's bills.
22. All Compressors should be maintained in optimum condition. The compressors will be checked for proper functioning. The defective spares and consumables like oil will also be supplied by the Corporation as and when required.
23. Refrigerant gas will be provided by PPCL as and when necessary.
24. Every effort will be made by the Contractor in servicing condenser if they go beyond repair, they would be replaced by the PPCL. However, the labours cost for replacement will be borne by the contractor under maintenance contract.
25. Works related to replacement of AHU, sheet metal panels, base tray and thermal insulation - materials will be provided by PPCL, work to be carried out by the Contractor under AMC.



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26. Works related to refrigerant gas piping like welding work, leak arresting with materials will be done by the contractor under AMC.
27. Replacement of valves in the cooling water, but effort should be made to repair/rectify by servicing. The valves required for replacement will be supplied by the ppcl and the work will be borne by the contractor under AMC.
28. Inspect Micro filters in AHU. Replace if necessary, the Micro filters will be supplied by the PPCL and the work will be done by the contractor under AMC.

SCOPE OF WORK:

I. PREVENTIVE MAINTENANCE

A. Monthly:

1. Routine inspection and maintenance works of all the 02 plants to be done in any one of working day.
2. All safety and indicating devices to be checked up.
3. Current & Voltage measurements for all the plants in full load.
4. Routine inspection and maintenance of control panel electrical items like Switches / Cables etc.
5. Cleaning of air filters and replacement whenever required.
6. Cleaning of air filters and replacement whenever required.
7. Inspection of belts and adjustment / replacements if required.
8. Checking of AHU fan motor, Impeller, impeller housing, shaft, bearing and replacement if required.
9. Recording various readings and calculating tonnage of plants, calculating the plant efficiency.
10. Check up for possible leakages in the refrigeration system.
11. Checking of electrical panels.
12. Cleaning of suction filters once in the month.



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B. Quarterly:

1. Cleaning of AHU cooling coils.
2. Lubrication of bearing of motors and other machinery.
3. Tightening of V-Belts.
4. Cleaning of oil/refrigerant Strainers.
5. Checking of safety control and solenoid switches/replacement if required.
6. Calibration of meters and gauges/replacement if required.
7. Cleaning of contract switches, checking of relays, timer etc/replacement if required.
8. Cleaning of AHU outlet like diffusers, grills etc,
9. Cleaning of evaporator cooling coils.

C. Annually:

Overhauling of complete AC Plant and Accessories:-

Total plant overhauling shall be once a year as per instruction of Engineer-In charges. Prior permission shall have to be taken from the Engineer-in-charges for the job. (Required materials shall be supplied by the PPCL)

1. Condenser to be de-scaled on yearly basis.
2. Compressor to be accessories to be serviced.
3. Control panel along with gauge to be serviced.
4. A.H.U coil to be cleaning with suitable chemical.
5. Damper and duct with diffusers to be serviced.
6. Any other part of the AC plant, not covered by the above, to be serviced also.

II. BREAKDOWN MAINTENANCE:

1. The contractor should attend to the unscheduled service calls as and when required within 8 hours for locating the faults and rectify the same.
2. In case of any break down or any abnormal functioning of the equipment, the same has to be corrected within stipulated time as per instructing of the Engineer-in-Charges.

05/09/2022

EXECUTIVE ENGINEER (MECH)-PLANT



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ANNEXURE -2

Name Of Work: "Work of Annual Maintenance Contract for main AC Plant" at PPCL, T.R.Pattinam, Karaikal.

Sl.No.	Description	Amount in Rs.
1	Maintenance (outline & preventive) and break down maintenance of the air conditioning plant. Compressing of Annual Maintenance Contract of 2 Nos x 50 TR reciprocating type compressor, water cooled condenser, air handling units for a period of one year as per maintenance schedule attached. (Scope of work as per annexure)	
	Gross Total	
	EPF & ESI Charges	Inclusive
	Sub Total	
	GST @ 18%	
	Net Total	
(Rupees)		

Payment Terms: As per Terms & Condition - 2

Validity: Your offer should be valid for 90 days from the date of tender opening.

Note: 1) The rates to be quoted in all the columns of the above schedule and no columns should be left blank, if any column is left blank then the offered quotation will not be considered.

2) The quoted schedule should be affixed by the company seal and signed by the concerned authority.

Name of the Company:

Company seal with Signature: