

T.R. PATTINAM - 609606, KARAİKAL.

Phone No: 04368- 233060, 233988

E-Mail: ppclmmc@gmail.com

Fax: 04368 - 233355.

Ref. No: T-196/MMC/2019-20/ 2540

Dt. 17.02.2020

Our GSTIN No.: 34AAACP6507E1ZS

**ENQUIRY**

To

As per list enclosed.

Sub: Inviting offer for "Work of Hydro Jet Cleaning of Condensers and Coolers during the Annual maintenance shutdown for the year 2020 as per scope of work attached" at PPCL, T.R.Pattinam, Karaikal - Reg.

**QUOTATION TO BE:**

Submitted on or before 10.03.2020- 12.00 PM	Opened on 11.03.2020 -03.00PM
Kept valid up to three months	Submitted in TWO PARTS.

**Wax Sealed quotations are invited for "Work of Hydro Jet Cleaning of Condensers and Coolers during the Annual maintenance shutdown for the year 2020 as per scope of work attached" at PPCL, T.R.Pattinam, Karaikal.**

**PRE-QUALIFICATION REQUIREMENTS:**

THE CONTRACTOR SHOULD HAVE CARRIED OUT CLEANING OF HEAT EXCHANGERS USING HIGH PRESSURE JETTING EQUIPMENT WITH POWER OUTPUT OF 150 HP AND WITH DISCHARGE PRESSURE OF 600 - 800 BAR, FLOW CAPACITY OF 60 - 80 LITERS / MINUTES. A WORK ORDER COPY IN ANY INDUSTRY OR GOVERNMENT AGENCY INDICATING THE ABOVE DETAILS SHALL BE ENCLOSED AS PQR.

**TERMS AND CONDITIONS:**

1. The rate quoted should be inclusive of manpower, tools and tackles, etc. required for the works, **all taxes, EPF & ESI charges and other charges as admissible. GST Compliance will be made as per the latest GOI orders.**
2. 100% 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 after submission of EPF/ESI, etc. documents. Otherwise 80% payment will be made after completion of work satisfactorily and approval of Engineer-in-charge and the balance 20% payment will be made after submission of necessary EPF & ESI, etc. documents.
3. The bill in triplicate along with advance stamped receipt should be sent to the undersigned for effecting payment.





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



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4. **Rate should be quoted per work in the tabular column attached. The L1 position shall be arrived on total amount quoted basis for completing the entire scope of work furnished in the annexure for all condensers / coolers.**
5. The contractor should submit 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 TRRN number.
    - ii) EPF - Electronic Challan cum Return (ECR)
    - iii) EPF Clallan summery/ EPF - TRRN 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 details (contractor wise) for the month of.....
  - And other records to be submitted along with the above:**

Copy of register of wages for the persons deployed to PPCL duly attested by the contractor.  
Copy of register of muster roll/attendance for the persons deployed to PPCL duly attested by the contractor.  
Copy of payment proof for the persons deployed to PPCL through bank duly attested by the contractor.  
In addition to the above as a mandatory, the proposed parties/manpower supply contractors have to obtain the FORM-III -Registration certificate under Pondicherry shops and Establishment Rules 1964 as a Employer of the Establishment to be permitted to employ persons under their firm and also obtain Labour License under the contract labour (Regulation & Abolition act. 1970 with the labour Department, Government of Puducherry, Karaikal.
6. Necessary Gate pass should be obtained well before the commencement of work.
7. 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.
8. 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.
9. Our GSTIN No.: 34AAACP6507E1ZS registered with Commercial Taxes Department, Puducherry.





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10. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of ₹ 5,000/- (Rupees Five 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/Schedule bank payable at Karaikal. The same should be enclosed along with tender /quotation failing which tender will be summarily rejected. The earnest money deposit will bear no interest and will be released after successful completion of the works and acceptance. The EMD will be returned to unsuccessful bidders.
11. PSU & Parties registered with NSIC or SSI or 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".
12. 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. In case the earnest money is not deposited or is not in order, the tender will be rejected.
13. Liquidity Damage Clause: If the contractor fails to complete the work as scheduled after placing the work order, then the Contractor shall pay LD @ 0.5% for each day delay in work and the total LD % will be subject to the maximum of 10% of the total value.
14. Sealed quotation should be super scribed as **QUOTATION / ENQUIRY NO. T-196 "Work of Hydro Jet Cleaning of Condensers and Coolers during the Annual maintenance shutdown for the year 2020 as per scope of work attached"** at PPCL, T.R.Pattinam, Karaikal - due on 10.03.2020".
15. 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.
16. 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.
17. The undersigned reserves all rights to accept/reject any or all the quotations without assigning any reasons thereof.
18. The work should be completed within 7 days from the commencement of work during shutdown. The mobilization time of seven days shall be given.
19. The work should not be sub-let. Sub-contracting not permitted.

  
**EXECUTIVE ENGINEER (MECH)-PLANT**

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**ANNEXURE**

**WORK OF HYDRO JET CLEANING OF CONDENSERS AND COOLERS DURING THE ANNUAL MAINTENANCE SHUTDOWN FOR THE YEAR 2020**

**1. GAS TURBINE LUB OIL COOLER - 2 NOS**

159 Nos. of U tubes 3 meters length in each cooler  
Size OD: 15.88 mm, 1.65 mm thick

**2. GAS TURBINE GENERATOR AIR COOLER - 4 NOS**

120 Nos. of U tubes of 3 meters length in each cooler.  
Size: OD: 15.0 mm, 1.6 mm thick.

**3. STEAM TURBINE CONDENSER - 1 NO**

2970 Nos. of straight tubes of 5.49 meters length  
Size: OD: 19.05 mm, 1.6 mm thick

**4. STEAM TURBINE LUB OIL COOLER - 1 No**

840 Nos. of straight tubes of 2.0 meters length  
Size: OD: 15.0 mm, 1.0 mm thick.

**5. STEAM TURBINE GENERATOR AIR COOLER - 6 NOS**

67 Nos. of straight tubes of 2.635 meters length in each cooler  
Size: OD: 16.0 mm, 1.0 mm thick.

**6. GAS BOOSTING COMPRESSOR BYPASS COOLER - 5 NOS**

66 Nos. of U tubes of 2.7 meters length in each cooler  
Size: OD: 15.875 mm, 1.0 mm thick.

**7. GAS BOOSTING COMPRESSOR INTERCOOLER - 5 NOS**

122 Nos. of U tubes of 2.7 meters length in each cooler  
Size: OD: 15.875 mm, 1.0 mm thick.

**8. PLANT A/C CONDENSER - 02 NOS**

100 Nos. of straight tubes - 1900 mm  
Size: OD: 19.05 mm, thick: 1.0 mm

**Note:** Allocation of the work (no. of the coolers / heat exchangers) is based on the performance of the system, at the time of shutdown.





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**CONTRACTOR 'S SCOPE OF WORK:**

1. The Contractor should be responsible for the safety of their personnel & their equipment. Necessary PPE and other safety norms should be followed. Motor drive control has to be equipped with statutory isolators / trip relays for protection.
2. Contract involves cleaning of tubes (from inside and outside, as the case may be) of various heat exchangers/coolers/condensers with super high pressure jetting equipment, with power output of 150 HP (approx..) and discharge pressure of 600 - 800 bar and flow capacity of 60 - 80 liters/minutes.
3. Mobilization of man power, tools and hydro jetting machine for cleaning of tubes by the contractor should start at least three days before shutdown of the unit.
4. The contractor shall keep adequate trained manpower along with Supervisor to keep the job running. Work will have to be carried out round the clock. The contractor shall do the job with utmost care, speed and follow all the instructions/directions/formalities for execution of the job.
5. The work of tube cleaning will be carried out entirely to the satisfaction of Engineer In charge. The contractor must inform the Engineer In charge before starting the job.
6. The contractor and his employees will carry out all the instructions/directions/formalities issued by PPCL authorities for proper execution of the work.
7. All tools, Skilled man power with supervisor and hydro jetting machine to be arranged by the contractor. Sufficient Spares for hydro jetting pumps and auxiliaries to be available at site to avoid interruption of work.
8. The party should clean the respective cooler / heat exchanger floor area with water jet, after completion of each work.
9. The entire scope of work should be completed within stipulated days from the date of opening of coolers. ( maximum seven days)
10. Portable jetting machine with lower capacity is not allowed.
11. The party should visit the site before quoting their offer.

**PPCL SCOPE:**

1. Supply of electricity and water.
2. Opening of end covers and reassembly of same for all the above heat exchangers will be executed by PPCL.

  
17/02/2020

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**Name Of Work:** "Work of Hydro Jet Cleaning of Condensers and Coolers during the Annual maintenance shutdown for the year 2020 as per scope of work attached" at PPCL, T.R.Pattinam, Karaikal

**Note:** Scope of work for each cooler and condenser is as per the enquiry annexure page No.1 to 2

Sl. No	Description	Qty	Unit Rate in Rs	Total Amount in Rs.
1.	GAS TURBINE LUB OIL COOLER	2 Nos		
2.	GAS TURBINE GENERATOR AIR COOLER	4 Nos		
3.	STEAM TURBINE CONDENSER	1 Nos		
4.	STEAM TURBINE LUB OIL COOLER	1 Nos		
5.	STEAM TURBINE GENERATOR AIR COOLER	6 Nos		
6.	GAS BOOSTER COMPRESSOR BYPASS COOLER	5 Nos		
7.	GAS BOOSTER COMPRESSOR INTER COOLER	5 Nos		
8.	PLANT A/C CONDENSER	2 Nos		
Transport, Accommodation, Boarding and EPF & ESI Charges				
Sub Total				
GST @ 18%				
<b>Grand Total</b>				
<b>Total Rs. in words:</b>				

**Payment Terms:** As per Terms & Condition - 2

**Validity:** 90 days

**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:**