



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppclmmci@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: U-130A/MMC/2020-21/607

Dt.05.08.2021

ENQUIRY

To

As per list enclosed

Sub: Inviting offer for Work of Fabrication and Erection of Spare Mist Eliminator at Gas Turbine area of PPCL - Reg.

QUOTATION TO BE

Submitted on or before 30.08.2021- 12.Noon.	Opened on 31.08.2021 - 03.00 PM
Kept valid for three months	Submitted in TWO parts

Sealed quotations are invited for Work of Fabrication and Erection of Spare Mist Eliminator at Gas Turbine area of PPCL as per the scope of work furnished in the annexure and as per our terms and conditions mentioned therein.

PRE-QUALIFICATION REQUIREMENTS:

1. The party should submit Work order in the field of Pipeline work/Fabrication Work from PPCL or any reputed firms. The work should be done in the recent last five years.

TERMS AND CONDITIONS:

1. The rate quoted should be inclusive of Insulation material and its necessary consumables, manpower, tools & tackles, safety material/ PPE, scaffolding work with material if necessary, etc. required for the works and inclusive of GST and other charges.
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.



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4. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of Rs.3000/- (Rupees Three 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.
5. 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".
6. 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.
7. 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.



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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.

7. Necessary Gate pass should be obtained well before the commencement of work.
8. 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.
9. 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.
10. Our GSTIN No.: 34AAACP6507E1ZS registered with Commercial Taxes Department, Puducherry.
11. 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 week delay in work and the total LD % will be subject to the maximum of 10% of the total value.
12. Sealed quotation should be super scribed as QUOTATION / ENQUIRY NO. U-130A "Work of Fabrication and Erection of Spare Mist Eliminator at Gas Turbine area of PPCL due on 30.08.2021".
13. 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.
14. 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.
15. The work should not be sub-let. Sub-contracting not permitted. The order is not transferable.
16. The undersigned reserves all rights to accept/reject any or all the quotations without assigning any reasons thereof.


05/08/2021
EXECUTIVE ENGINEER (MECH) PLANT

05/08/2021

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ANNEXURE Page No.2

SCOPE OF WORK FOR MIST ELIMINATOR FABRICATION AND ERECTION

1. Pre-fabrication of Mist eliminator filter vessel and pipe line fittings as per GA drawing and as per the existing system and both should be done well in advance at our site during working hours / days. Date will be informed to the contractor to start pre fabrication work.
2. MS Filter vessel to be rolled using 6 mm thick plate as per the dimensions of the existing system. Plate will be supplied by PPCL.
3. After prefabrication, Erection/installation to be carried out as per the GA drawing and instruction of Engineer incharge.
4. The existing mist eliminator system to be interlinked after fabrication and erection of standby unit by providing isolation valve and necessary 6 inch pipe of approximate length 6 meter long with bend and fittings (interlinking drawing is not shown in GA drawing).
5. Necessary scaffolding materials and sufficient labour are to be arranged by the contractor so as to complete the entire work on stipulated period.
6. The new pipe line to be laid as per the existing pipe lay out and proper supports to be provided in the appropriate points.
7. Wherever necessary, welding and gas cutting works at position is to be carried out without disturbing the existing system. Welding machine (2 Ph. / 3 Ph.)/ Generators / rectifiers only permitted for all welding works.
8. Trial to be carried out and if any abnormalities are noticed that is to be attended by the contractor.
9. Supply and application of IS approved brand Hammertone blue enamel paints of two coats each (primer and finish) over the surface of the equipment and bed by air or air less spray gun. Supply of approved Paints for painting the newly fabricated system is contractor's scope.
10. The installation work should be completed within 03 days during shutdown.
11. After completion of work all the scrap materials should be dumped to scrap yard as per the instruction of Engineer in-charge.
12. The dimensions mentioned in the GA drawing and above are taken as approximate for estimation purpose only but actual measurement will be taken at site during execution of work.

PPCL Scope

1. Necessary pipes, fittings, valves, Blower, drive motor and structural materials will be supplied by PPCL.
2. Air, Water and Power will be provided by PPCL.



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ANNEXURE Page No.1

DETAILS OF MIST ELIMINATOR

PART NO.	SPECIFICATION	SIZE	QUANTITY
1	FILTER VESSEL	6 mm thick x 724 mm dia x 1360 mm	1
2	SIDE CHANNEL BLOWER WITH NON-SPARKING (ALUMINUM) HOUSING		1
3	VACUUM RELIEF VALVE	1.5 inch	1
4	6" BUTTERFLY	6 inch	02
5	6" NB ANSI 150 R.F.S.O. FLANGE	6 inch	05
7	DRIP LEG WITH SEAL CUP ASSEMBLY	½ inch x 1270 mm long	01
8	½" DRAIN CONNECTION	½ inch	01
9	¼" GAUGE CONNECTION	¼ inch Bsp coupling	01
12	SUPPORT FRAME	50 mm equal angle x 10 meter long	01
14	MOTOR (415V/3HP/50HZ), IP55 ENCLOSURE		01
15	6" ISOLATION VALVE	6 inch	01
16	3" BUTTERFLY DAMPER (COARSE CONTROL)	3 inch	01
17	4" CHECK VALVE	4 inch	01
18	MESH PAD (P/N 300001624)	As per the filter size	01
19	DIFFERENTIAL PRESSURE SWITCH /BRACKET BASEEFA CLASSIFICATION EEXD IIC T6 MODEL: H3A1DCN	As per the existing system	01
20	DIFFERENTIAL PRESSURE GAUGE /BRACKET	As per the existing system	01
21	¼" DRAIN CONNECTION ON BLOWER CASING	As per the existing system	01

Flow Rate : 500 SCFM
 Pressure Drop across Element : Clean & Dry 6" W.C.
 : Clean & Saturated 14-18" W.C.
 : Change Out & Differential Pressure 30" W.C.
 Sound Pressure Level : Maximum 84db 1m
 Outlet Oil Content : Less Than 5ppm By Weight)

Remarks

- Carbon Steel Construction
- Blower motor : 11kw, 415V/ 3 Phase / 50 Hz
 Baseefa classification : ExN 11 T3 acc. IEC79-15(ZONE 2)
 Isulation class : F
 Heating class : B
 Ingress Protection : IP55 C/W 230W Anti-Condensation Heater
- Paint finish
 Internal : 1 coat zinc rich primer
 External : 1 coat Hammertone blue enamel
- Approximate weight : 500 kg
- Blower layout change from vertical to horizontal to incorporate drain plug.



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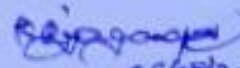
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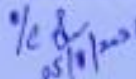
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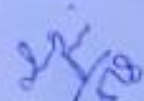
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Contractor's Obligations:

1. Before submitting the offer, party's representative must visit the site of PPCL karaikal to have correct assessment of the job.
2. Contractor must have past experience, infrastructure and trained manpower for fabrication and erection of pipe lines work at any powerplant/industries. Attach relevant documentary evidence.
3. Party shall make its own arrangements for Welding sets, Gas Cutting Sets, Lifting Tools and Tackles, Other Rigging Material required for the job.
4. All consumables like Oxygen Gas, Acetylene Gas, Argon Gas Cylinders, Welding Electrodes (IS brand), approved Paints etc. shall be arranged by the party at its own cost.
5. Sub-contracting of the job will not be allowed without prior permission of the PPCL.
6. Any damage or loss caused to plant Equipment, etc. during execution of this contract will be made good by the contractor at his own cost and risk.


06/08/2021
EXECUTIVE ENGINEER (MECH) PLANT


05/08/2021





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Sl. No.	Description /Scope of work	Quantity	Rate Per Unit	Total Value in Rs.
1.	Work of Fabrication and Erection of Spare Mist Eliminator at Gas Turbine area of PPCL	1 No.		
Total Amount				
Labour charges, safety material, consumables, tools & tackles etc.,				Inclusive
EPF & ESI Charges				Inclusive
GST @ %				
Net Total				
(Rupees				

Payment Terms: As per Terms & Condition - 3

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:

