



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Dt. 11.03.2024

Ref. No: Z-067/MMC/2023-24/2210

ENQUIRY

To

As per list enclosed

Sub: Inviting offer for Thermal Insulation work to be done in Steam pipe /HRSG and other areas at PPCL - Reg.

QUOTATION TO BE

Submitted on or before 03.04.2024 - 12.Noon.	Opened on 04.04.2024 - 03.00 PM
Kept valid for three months	Submitted in TWO parts

Sealed quotations are invited for Thermal Insulation work to be done in Steam pipe /HRSG and other areas at PPCL as per the scope of work furnished in the annexure and as per our terms and conditions mentioned therein.

PRE-QUALIFICATION REQUIREMENTS:

THE BIDDER SHOULD HAVE EXPERIENCE IN THERMAL INSULATION RELATED WORKS IN ANY POWER PLANT / INDUSTRIES. THE SUPPORTING DOCUMENTS SHOULD BE ENCLOSED WITH THE OFFER AND THE WORK SHOULD HAVE BEEN COMPLETED WITHIN LAST SEVEN YEARS.

(Work Order proof/Invoice/Certificate for order Value above Rs.1 Lakhs to be enclosed).

Cover 1: EMD/PQR after verification Cover 2: Price bid separate sealed cover to be opened after verification of PQR.

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. The work to be taken up on fifteen days prior intimation.



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1Zs

Ref. No: Z-067/MMC/2023-24/ 2210

Dt. 11.03.2024

ENQUIRY Page No.2

3. 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.
4. The bill in triplicate along with advance stamped receipt should be sent to the undersigned for effecting payment.
5. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of **Rs.3550/- (Rupees Three Thousand Five Hundred and Fifty 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.
6. 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".
7. The party shall be required to place the earnest money and the tender in separate sealed envelopes marked "Earnest Money and PQR" & "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 and PQR. If the earnest money and PQR 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.
8. The bidder should provide pre-existing document for PQR copies as and when asked within one week time.



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.



Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Ref. No: Z-067/MMC/2023-24/ 2210

Our GSTIN No.: 34AAACP6507E1ZS

Dt. 11.03.2024

ENQUIRY Page No.3

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.
10. 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.



**PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)**

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: Z-067/MMC/2023-24/ 2210

Dt. 11.03.2024

ENQUIRY Page No.4

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. Z-067 "Thermal Insulation work to be done in Steam pipe /HRSG and other areas at PPCL due on 03.04.2024"**.
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.

11/03/2024

EXECUTIVE ENGINEER (MECH) PLANT



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.

Phone No:04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: Z-067/MMC/2023-24/ **2210**

Dt. 11.03.2024

ANNEXURE Page No.1

Sl.No.	Description /Scope of work	Quantity Approx.	Rate Per Unit	Total Value in Rs.
1.	Thermal Insulation work to be done in Steam pipe /HRSG and other areas at PPCL (Scope of Work as per annexures)	200 Square Meter		
Total Amount				
Material charges, 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 party should visit the site before quoting the rate.

2) 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.

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

Name of the Company:

Company seal with Signature:



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppcimmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: Z-067/MMC/2023-24/ 2210

Dt. 11 .03.2024

ANNEXURE Page No.2

Scope of Work Insulation Job in the Plant Area:

1. Surfaces to be insulated shall be thoroughly cleaned, dried and made free from loose scale, oil or grease. It shall be the Contractor's responsibility to remove loosely adhering scale and dirt before applying insulation. If required old insulation to be removed as per the instructions of the Engineer - in- Charge.
2. Insulation work involves preparation of mats, installation on pipes, valves, fittings, ducts, equipments etc., of different sizes for various services at all elevations, labour tools and tackles required for satisfactory completion of work.
3. The insulation Contractor shall insulate those sections of the plant in HRSG, Steam turbine, Gas turbine and Gas Booster Compressor area and also any area indicated by the Engineer -in- Charge.
4. The insulation contractor shall not carry out any welding or drilling on plant equipment and piping without intimation to Engineer In charge. Insulation shall be finished, beveled and weather proofed at all terminal points where it is required to remove bolts etc. without damage to the insulation.
5. All projections, such as lifting lugs, trunnions and stiffeners on piping shall be insulated with the same thickness of insulation as specified for pipeline. Double layer insulation shall be required when the insulation thickness is greater than 75 mm. Insulation installed in two or more layers shall be staggered joint construction and each layer shall be secured in place and details of securement shall be the same for each layer.
6. A minimum clearance of 25 mm between outside surface of any insulation finish and adjacent equipment, pipe or structural members shall be maintained. Mattress (Fibrous insulation - Rock or Glass Wool) shall be applied over the surface with joints tightly butted and laced together with 1 mm dia galvanized lacing wire.



PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

T.R. PATTINAM - 609606, KARAIKAL.



Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com

Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: Z-067/MMC/2023-24/ 2210

Dt. 11.03.2024

ANNEXURE Page No.3

7. Insulation Securement (All insulation materials) :-

Each layer of insulation shall be secured firmly in place with at least 3 loops of binding wire / band, one loop to be placed not more than 75 mm from each end and at least one loop to be equally spaced between end loops, for each section. Binding wire shall be drawn about the insulation with ends tightly twisted together, bent under and pressed into the surface of insulation. Bands or wires in no case be spaced more than 200 mm apart.

8. The insulation on all valves and flange joints shall be done as removable jacketing type so that it may be removed without disturbing the concerned equipment or piping. The thickness of insulation shall be same as that of the pipe line in which these valves and fitting are located.
9. Metal jacketing on piping shall be applied with a minimum overlap of 50mm in both Circumferential and longitudinal direction and secured by self-tapping screws.
10. To ensure perfect water proofing all Circumferential and longitudinal lap joints shall be sealed with suitable sealant which can be either in form of elastomeric sealing compound or fiber based bituminous felt strip.
11. Jacketing over vales and flanges shall be pre-fabricated in half-sections and screwed together. The ends jointing adjacent to pipe jacket shall be overlapped by 50mm (min.) and scaled with watertight mastic.
12. Necessary mineral wool and Aluminum Cladding sheet will be provided by PPCL.
13. If the work attended by the contractor needs any correction/rectification, the same should be attended / completed by the contractor at his own cost within the time period.
14. The approximate area to be covered for insulation is 200 (two hundred) square meter but the payment will be made for actual measurement.
15. The party should visit the site before quoting the rate.
16. Plant area is to be cleaned after insulation work is over and the removed insulation, cladding material together with the waste generated during the execution of the job are to be stacked at the designated location as per the instructions of the Engineer-In-Charge.



**PUDUCHERRY POWER CORPORATION LIMITED
(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)**

T.R. PATTINAM - 609606, KARAIKAL.

Phone No: 04368- 233060

E-Mail : ppclmmc@gmail.com



Fax: 04368 - 233355.

Our GSTIN No.: 34AAACP6507E1ZS

Ref. No: Z-067/MMC/2023-24/ 2210

Dt. 11.03.2024

ANNEXURE Page No.4

17. The rates quoted shall be inclusive of supply binding wire, stitching wire, chicken mesh, self-tapping screws and sealant material like elastomeric sealing compound or fiber based bituminous felt strip to complete the insulation work.
18. The contractor should arrange all the tools and tackles for insulation work.
19. Necessary scaffolding with material etc., required to carry out the job has to be arranged by the contractor.
20. Necessary labours to be arranged by the party. (Skilled, Semi skilled, unskilled).
21. The application methods, given in this Standard are general in nature. The Contractor is responsible for applying an insulating system that will provide satisfactory operational performance and the requirements given herein shall be regarded as the acceptable minimum. The Contractor shall carryout the work in accordance with the best practices of insulation application with the minimum of waste and debris and the final job shall have a neat, efficient and workman like appearance. That has been specifically released for such work by the Engineer-in-Charge.
22. All consumables like metal screws, binding wire, chicken mesh, sealing Chomical agent etc, are contractors scope.

PPCL scope:

1. Aluminum cladding sheet and Fibrous insulation - Rock or Glass Wool will be supplied by PPCL.

11/03/2024

EXECUTIVE ENGINEER (MECH) PLANT