



PUDUCHERRY POWER CORPORATION LIMITED

(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

PROJECT OFFICE, T.R. PATTINAM 609 606, KARAIKAL.

Phone: 04368-233060

Email: ppclmmc@gmail.com

Telefax: 04368-233287

Ref.No.AC-057/MMC/2025-26/ 408

GSTIN No.34AAACP6507E1ZS

Dt. 19.07.2025

**ENQUIRY**

TO

Sub: Inviting offer for Shifting, Alignment and Servicing of Gas Boosting Compressor Motor- Reg.  
QUOTATION TO BE:

Submitted on or before: <b>11.08.2025 -5.00 pm</b>	Opened on: <b>12.08.2025 - 03.00 pm</b>
Kept valid for 3 months from the date of opening	Submitted in TWO parts.

Sealed quotation is invited for **Shifting, Alignment and Overhauling 01 number of 6.6KV Motor at PPCL site. The scope of work and specification of 6.6KV GBC motor** are enclosed and the terms & conditions are mentioned therein.

**The Party should have previous work experience for Overhauling of 6.6KV motor. The supporting document for Overhauling/repair/rewinding of HT motors of 6.6KV or above at any Industries is to be submitted with the offer.**

**General Terms and conditions:**

1. The rate quoted should be inclusive of manpower, boarding & lodging, local conveyance transport charges, tools and tackles, etc. required for the works, all taxes, ESI & EPF and other charges as admissible.
2. Applicable other charges, if any should be clearly mentioned as whether inclusive or extra. If not mentioned, it will be presumed that the rate quoted is inclusive of all other charges.
3. The party shall be required to place the "PQR & EMD/EMD Exemption" and the "Tender" in two separate sealed envelopes marked "PQR/EMD" 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 "PQR/EMD". One week time will be given to the party for submitting the pre existing shortfall documents. If the PQR/EMD is found to be in order, only then the Officer shall proceed further with opening the Tender.
4. **EARNEST MONEY DEPOSIT:** An Earnest Money Deposit of **Rs 4000.00** (Rupees Four thousand only) should be paid by demand draft drawn in favor of the EXECUTIVE ENGINEER (MECH.), Puducherry Power Corporation Ltd, Karaikal on any Nationalized/Schedule bank payable at Karaikal. The earnest money deposit will bear no interest and will be released after successful completion of the work and acceptance.
5. Parties registered with NSIC or SSI/MSME is 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 rate has to be quoted in the prescribed tabular column format for work measurement.





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**ENQUIRY PAGE-2**

7. The work should be carried out in PPCL site, T.R.Pattinam, Karaikal 609 606. **The specification of the 6.6KV Motor and the scope of the work are enclosed.**
8. The Shifting, alignment and overhauling works of motor has to be carried out as per the scope of works.
9. No Workshop facility is available inside PPCL campus and outside private workshops to be utilized by the party concerned at their own cost.
10. Exact date for commencement of work will be intimated appropriately.
11. Necessary Gate pass should be obtained well before the commencement of work.
12. The party should ensure round the clock progress of work at site and should follow all safety rules and procedures strictly inside the plant.
13. In case of any faulty workmanship in the scope of work, the tenderer must rectify the same on free of Cost.
14. **PAYMENT: 80%** Payment for Overhauling Work 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.
15. **The bill in triplicate along with advance stamped receipt should be sent to the undersigned for effecting payment.**
16. 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 TRRN number.
    - ii. EPF-Electronic Challan cum Return (ECR)
    - iii. EPF Challan summary/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 (Contractor wise) for the month of.....
17. **The bidder shall make payments for ESI & EPF in separate code number other than PPCL code. No permission shall be given for PPCL code.**
18. Party should obtain all permits and licenses under the laws or regulations applicable and in connection with the work carried out and shall comply with and discharge all statutory obligations/liabilities under the various laws such as Factory Act/Workmen's Compensation Act /Employee's State Insurance Act / Employee's Provident Fund Act / Payment of Wages Act / Contract Labor (Regulation & Abolition) Act / Minimum Wages Act Etc., or any modification thereof.





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**ENQUIRY PAGE-3**

19. **LD Clause:** If the contractor fails to complete the work within the stipulated period, 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 5% of the quoted rate.
20. Our Tax payment Identification GSTIN No.34AAACP6507E1ZS is registered with Commercial Taxes Department, Puducherry. Bidder should furnish their GST details.
21. Quotations through fax/mail and received after due date will not be considered.
22. Sealed quotations should be superscripted as "QUOTATION/ENQUIRY NO.AC-057 for Shifting, Alignment and Overhauling of 6.6KV Motor".
23. If the tender opening date happens to be a holiday, the tender will be opened on the next working day.
24. The undersigned reserves all rights to accept/reject any or all the quotations without assigning any reasons thereof.
25. The work order is not transferable and subcontract/sublet of work is not permitted.

 18/07/25

**EXECUTIVE ENGINEER (MECH.)-PLANT**





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**ENQUIRY PAGE-4**

**SCOPE OF WORK FOR SHIFTING OF SPARE MOTOR AND ALIGNMENT**

1. Initial alignment readings of motor with compressor to be taken
2. Bed bolts of Existing GBC 1 motor to be removed. Earth flats to be disconnected.
3. GBC 1 motor to be shifted to GBC work bay area.
4. Spare GBC motor to be shifted to GBC 1 bed
5. Alignment work of GBC motor with compressor to be carried
6. After concurrence of Engineer In charge motor to be coupled with compressor.
7. Necessary tools required for shifting and alignment works to be brought by contractor
8. Necessary work permits will be issued for the work. All safety precautions to be adhered strictly at GBC work area.
9. Grinding, welding and any machining work is not allowed at GBC area.
10. GBC trial to be taken both no load and full load. If any vibration observed or any defect in workmanship it is to be rectified at contractor scope at no extra cost.

**SCOPE OF WORK FOR OVERHAULING OF GBC-I MOTOR AT PPCL SITE**

1. Initial Testing of motor. (IR value, Winding Resistance & PI value)
2. Releasing of motor from its bed after giving proper packing to its bed bolts.
3. Complete dismantling of the motor at PPCL site, which includes lifting & lowering of motor and removing of coupling pulley.
4. Dismantling of motor cooling fan and threading out of rotor.
5. Cleaning with petrol.
6. Cleaning the stator, rotor and end shield using compressed air and cleaning of bearing housing, bearing cap, bearing assembly and accessories etc.
7. Stator and Rotor to be preheated to 100 to 120 Deg centigrade for 5 to 6 hours.
8. Both Stator and rotor is subjected to normal cooling, after to bringing to normal temperature of 40 to 50 Deg, varnishing of stator to be carried out. Also rotor should be applied with Bectol.
9. After drying motor should be assembled with new bearings.
10. During Servicing of the motor if RTDs for winding temperature and bearing temperature are not found working it should be replaced under contractor scope.
11. Inspection of Winding, motor frame, removing the motor bearing from the shafts, checking the bearings and its clearance, inspection and replacement of bearings. Supply of bearings is in Contractor's scope. The contractor should supply SKF make bearings along with the necessary pre-inspection test certificates produced by the manufacturer.
12. Motor main and star point terminal boxes to be inspected if found any damages like gaskets; insulators are to be replaced in the contractor scope.
13. Checking and tightening of motor loose wedges in stator by inserting additional glass textolite liners and replacing all damaged wedges by new ones.
14. Checking the tightness of rotors bars,





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**ENQUIRY PAGE-5**

15. Heating and varnishing of stator & rotor with gel coat moisture proof for bring required IR value. Heaters and lamps required for the above work shall be brought by the contractor.
16. Threading rotor in the motor and greasing the bearings.
17. Reassembling of the motor after painting (2 coats of Epoxy Smoke gray). Painting compressor shall be brought by the contractor.
18. Fixing the coupling pulley in the motor, lifting and lowering of motor and placing in its bed for re-erection of motor.
19. Testing of motors after completion of the overhauling.
20. Supply of consumables like varnish, grease, paint, glass textolite liners and any other consumables etc., are in contractor's scope.
21. Any machining work like welding, brazing, cutting, grinding and heating for removal of bearings is under contractor's scope and should not be carried out in the GBC area and the rotor has to be shifted to STG unloading bay area which is located 300 mtrs away from GBC area.
22. Final Testing of motor (IR value by 5 KV Insulation Tester, Winding Resistance & PI value)
23. All tools & tackles, any special tools, lifting equipments required for servicing the above motor is in contractors' scope.
24. After completion of the above work, the GBC motor has to be brought in service with full load and performance observed for 48 hours. If any abnormal sound /overheating/abnormal current observed it has to be rectified by the contractor at their own cost for smooth operation.
25. The contractor should provided performance and service guarantee for the period of minimum six months.
26. The contractor may visit the PPCL site before submitting the offer and **the contractor should have prior experience in overhauling/ repair/ rewinding work of HT motors of 6.6 KV or above.**
27. In case of any faulty workmanship in the above scope of work, the party must rectify the same at their own cost.

**Specifications of GBC Motor (Flame proof Induction Motor)**

**Make: KECL, Bangalore**

Machine No: 3980104-1 (Motor to be Serviced) &

3980207-1 (Spare Motor to be Shifted and aligned)

Frame: LE450, KW: 300, Volts: 6600V, Frequency: 50 HZ, RPM: 1491,

Amps: 35, Ins. Class: F, Amb. Deg C: 45,

Duty: S1, Connection: Star, Bearings: NDE: 6324, DE: NU324.

**Motor Bearings of SKF make with pre-inspection certificates are to be supplied by the contractor.**





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**ENQUIRY PAGE-6**

Sl. No	Description/Specifications	Qty	Rate per unit (Rs.)	Amount (Rs.)
1	Charges for the Shifting and Alignment of the Spare Motor to the GBC-1 bed Inclusive of manpower, Tools, boarding & lodging, local conveyance, transport charges, ESI/EPF and other charges. <b>As per the scope of works mentioned above.</b>	01 No		
2	Charges for the Overhauling of Gas Boosting Compressor Motor at PPCL Site Inclusive of Supply & Installation of bearings, manpower, Tools & Tackles, boarding & lodging, local conveyance transport charges, ESI/EPF and other charges. <b>As per the Specifications &amp; scope of works mentioned above.</b>	01 No		
Sub-Total				
GST @ %				
<b>Total Amount (Rs.)</b>				

**Commercial Terms and Condition:**

Sl.No	Details	Terms in Tender	Terms Accepted by the Party
1	Price Quoted	Work at PPCL Site, Inclusive of manpower, boarding & lodging, local conveyance, transport charges, GST and other charges.	
2	Payment Terms	80% within 30 days from the date of completion of works satisfactory and 20% after the ESI& EPF Compliances	
3	Validity	90 Days from date of opening of Tender	
4	Supporting Documents for the previous experience	Should be enclosed	
5	Delivery/ Completion Period	Vendor to specify	
6	Acceptance of All the Terms and Condition of the Enquiry	To be Accepted	

**Signature with Seal of the Party**