



# Punjab Alkalies & Chemicals Limited

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Ref. No. PACL/SSR/2018/004/PL-RFQ

Dated 18.04.2018

Sub. : **AMC for Overhauling of Induction Motors.**

Kindly send us your most competitive offers on/or before 28.04.2018 for the under mentioned Item :

S.No.	Description	UOM	Qty.
1.	Approval for AMC for overhauling different rating induction Motors year		
<b><u>TECHNICAL SPECIFICATIONS</u></b>			
➤ Attached - <b>Annexure 'B' &amp; 'C'</b>			

Terms & Conditions :

For PUNJAB ALKALIES & CHEMICALS LTD.

Please send your quotation in a sealed envelope mentioning our enquiry Ref. No. strictly on the top of the envelope.

RAKESH KUMAR KAURA  
 Manager (Purchase)

1. Quotation received after the due date may not be considered.
2. Exact rates of GST etc. whenever livable should be clearly specified by you in your quotation, as no subsequent claims will be entertained by us in respect of these, it will not be sufficient to applicable.
3. Any alteration or erasure in the quotation should be absolutely legible & duly attested. Over-writing or over-typing of any information may disqualify your quotation.
4. Our enquiry reference must be indicated clearly on top of the envelope.
5. Your quotation must be for units specified in this enquiry and should be valid for 90- days from date of opening of offer.
6. At our option we may change the quantity of our requirement, or delete items.
7. Please give detailed specification and indicate the name of manufacturer of each item and enclose literature.
8. Your offer should be duly supported by all relevant technical literature/catalogue/brochure etc.
9. Please quote clearly whether your warehouse is covered under excise preview or not. We shall like you to supply material through covetable invoice. Next of modvat notes will be compared fro commercial evaluation.

## ACTIVITIES FOR OVERHAULING OF MOTORS

01. Clearance from Electrical/Process Department
02. Disconnection of Motor connection
03. Removal of Foundation Bolts
04. Shifting of Motor from its location to Electrical Work Shop through Riggers/Casual Workers
05. Trial of Motor before dismantling and checking the all parameters i.e. abnormal sound, IR value and current.
06. Dismantling of Motor
  - a. Removal of coupling or pulley from motor shaft
  - b. Removal of fan cover
  - c. Removal of fan from motor shaft
  - d. Removal of both end covers
  - e. Removal of bearing
  - f. Cleaning of all parts of motor
  - g. Becktrol of motor winding and Rotor
07. Assembling of motor
  - a. Inserting of ball/roller bearings on rotor shaft after oil bath
  - b. Filling of grease inside the bearings
  - c. Fixing of both end covers
  - d. Fixing of Fan on Rotor Shaft
  - e. Fixing of Fan Cover
  - f. Inserting Coupling/Pulley on Rotor Shaft
  - g. Checking the all parameters i.e. IR value, sound and motor current after assembling the motor.
08. Shifting of motor from Elect. Workshop to its location with the help of Riggers/Casual Workers.
09. Tightening of foundation Nut Bolts.
10. Termination of power cable including thimbling/gland if required.
11. Trial/direction checking in presence of Electrical/Process Deptt.
12. Handover the motor to the concerned deptt.

ALL MATERIALS WILL BE IN THE SCOPE OF PACL, BUT TOOLS AND TACKLES ARE IN THE SCOPE OF THE PARTY.

Annex. 'C'  

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Sr.No.	Motor Rating(KW)
01.	0.37 to 0.75
02.	1.1 to 2.2
03.	3.7 to 5.5
04.	7.5 to 9.3
05.	11 to 15
06.	18.5 to 30
07..	37 to 45
08.	55 to 75
09.	90 to 110
10.	132 to 160