

**Tender  
Documents  
For  
Procurement of 8 TPH  
BOILER**



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**PUNJAB ALKALIES &  
CHEMICALS LIMITED**

**SCO 125-127, SECTOR 17-B,  
CHANDIGARH - 160 017**

**Email: [mpsrana@punjabalkalies.com](mailto:mpsrana@punjabalkalies.com)**

## **1. Brief Profile**

PUNJAB ALKALIES & CHEMICALS LIMITED ("PACL" or "the Company") is a Public Limited Company formed under the Companies Act, 1956. It was promoted by the Punjab State Industrial Development Corporation Limited (PSIDC), a wholly owned Punjab Government Company. The Company's registered office is located at Chandigarh.

PACL is one of the largest manufacturers of caustic soda (NaOH) in the Northern part of India with an installed capacity of 99000 Tons Per Annum (TPA). The Company is engaged in the manufacture and sale of Caustic Soda (Lye & Flakes), Liquid Chlorine, Hydrochloric Acid, Sodium Hypochlorite and Hydrogen Gas. The Company's plant is located at Naya Nangal, District Ropar, Punjab.

PACL has two manufacturing units viz. Unit-I & II, both located at Nangal-Una Road, Naya Nangal, District, Ropar, Punjab. Both the Units are engaged in manufacture of Caustic Soda, Liquid Chlorine, Hydrochloric Acid and other products such as Sodium Hypochlorite and Hydrogen. Unit -I & II have a capacity of 100 TPD and 200 TPD respectively. Both these units are co-located at the same site, Unit - I & II are spread over an area of Approximately 88.86 acres.

## **2. General Instructions**

Punjab Alkalies & Chemicals Limited invites bids for procurement of 1 (One) No., 8 TPH (F & A 100° C), 12 kg/cm<sup>2</sup> water cum smoke tube, AFBC FURNACE HYPAC Boiler to be installed in PACL's Caustic Soda Membrane Cells Technology Plant as set forth in the accompany tender documents.

Punjab Alkalies & Chemicals Limited, hereinafter called "PACL/Purchaser" will receive bids for procurement of 1 (One) No., 8 TPH (F & A 100° C), 12 kg/cm<sup>2</sup> water cum smoke tube, AFBC FURNACE HYPAC Boiler to be installed in PACL's Caustic Soda Membrane Cells Technology Plant as set forth in the accompany tender documents. All bids shall be prepared and submitted with these instructions.

Bids received after due date and time for receipt of bids, as set out in the tender documents, are liable to be rejected.

PACL reserve the right to itself to accept any bid or reject any bid or all bids or cancel/withdraw "Tender Notice" at any time without assigning any reason for such decision. Such decision by PACL shall not be subject to question by any

bidder and PACL shall not bear any liability of any kind whatsoever, consequent upon such a decision.

All the costs and expenses incurred by bidder for preparation of bids, technical/commercial discussions if any, in the PACL's office shall be to the account of bidders and PACL shall not bear any liability whatsoever of such costs and expenses.

### **3. Technical Specifications:**

The technical specification of Boiler Unit is enclosed at Annexure 'A'. The bidders are requested to submit their offer alongwith complete Scope of work of supply, Technical Data Sheet, Water quality required, Exclusions, terminal points etc.

### **4. Qualifying requirements of bidders.**

The bidder should be a firm or a company or a manufacturing company or a consortium of firms to companies to who alone or as a joint venture have supplied its Boiler to Industries of similar requirement or higher capacity for the similar application. The quoted Boiler shall be designed to give maximum efficiency and shall be in commercial use for last minimum 10 years.

In addition to the above, bidder shall provide satisfactory proof concerning the following that he or his consortium members:

- a. Has adequate financial stability and status to meet the financial obligations pursuant to the work covered under in the Tender Document.
- b. Has adequate capacity and capability to complete the supply of Boiler properly and expeditiously within the time period specified.
- c. Has established quality assurance system.

All the bidders are also requested to confirm the following points:

1. Are they UHDE approved Manufacturers?
2. List of Industries in India where the bidder has supplied the quoted Boilers.

The above stated requirements are minimum. However, PACL reserve the right to ask for any additional information and also reserves the right to reject the proposal of any bidder, if in the opinion of PACL, the qualification data provided by the bidder is not complete/ satisfying or the bidder is not qualified.

Notwithstanding anything stated above, PACL reserves the right to assess bidder's capability and capacity to perform the work and may relax the qualifying requirement in overall interest of PACL.

#### **5. Submission of Bids:**

The bid document is available online on our website ([www.punjabalkalies.com](http://www.punjabalkalies.com)) which can be downloaded by the interested bidders.

All the bidders shall quote price for supply of 1 (One) No. Boiler of 8 TPH capacity.

Bids shall be received at PACL, Chandigarh Office in the following manner:

The bid shall be submitted in two parts in two separate sealed Envelopes name as below:

**Envelope-1:** Shall contain Technical Bid complete in all respect including qualifying data for qualifying works, Technical proposal and Bid guarantee and commercial terms and conditions with caption "**Technical Bid**"

**Envelope-2:** Shall contain Price Bid and marked "**Price Bid**"

Both the Envelopes 1 & 2 should be put in the third envelope with caption "**separate sealed Envelopes of Technical Bid**" and **Price BID**"

The outside of the all the envelopes should also indicate clearly the name of bidder and address.

The bid document complete in all respects should reach in the office of PACL at the address given below before the closing time for submission of bids to the following address on or before the last date of submission:

EXECUTIVE DIRECTOR (MATERIALS & FINANCE)  
PUNJAB ALKALIES & CHEMICALS LIMITED  
SCO 125-127, SECTOR 17-B,  
**CHANDIGARH - 160 017**

Both Part I and Part II of the tender will not be opened in the presence of the bidders.

The bidders have the option of sending the bid by courier/ registered post or submitting the bid in person, so as to ensure that the bids are received in the specified office of the purchaser, by the date and time indicated in the tender documents. Bids submitted by Fax/ telegram will not be accepted.

If any Bidder needs any clarification/additional information in respect of this Tender, then the same shall be submitted in writing/fax/email to the personnel of PACL mentioned above. The envelopes/ communication shall clearly bear the following identification/ title "Request for Clarification/ Additional Information required for submitting tender for recoating of Anodes". The requests for clarification should be sent before the date specified in the time schedule given in this Tender. PACL shall not respond to any request for clarification received beyond the date so specified. The bidder requiring any clarification on the Tender RFP document may notify PACL in writing, either by post or email, at the following address:

EXECUTIVE DIRECTOR (MATERIALS & FINANCE)  
PUNJAB ALKALIES & CHEMICALS LIMITED  
SCO 125-127, SECTOR 17-B,  
**CHANDIGARH - 160 017**

Email: [mpsrana@punjabalkalies.com](mailto:mpsrana@punjabalkalies.com)

Telephone: 0172 - 4072566/4072567

Fax: 0172 - 2704797

The Bid and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by Bidder with the Bid should also be written in English language only. The original Bid and the supporting materials, which are not written in English, will not be considered by PACL.

#### **6. Last date for Submission of Bid.**

Bidders should submit their bid within 30 days from the date of publication of the tender notice i.e. upto 1700 hours IST on the 15<sup>th</sup> March, 2018 at the specified address in the manner as mentioned in the tender documents.

## **7. Guarantee Clause:**

The Bidder shall guarantee that the equipment offered shall meet the rating and performance requirements stipulated in the specifications.

The Guarantee parameters shall be without any tolerance values. All margins required for instrument in accuracies and for all other reasons shall be deemed to be included in the guaranteed figures. No tolerance or allowances on test results will be permitted for instrument error or accuracy or any other cause.

The Bidder shall demonstrate all the guarantees covered during performance acceptance test.

In case during test it is found that the equipment has failed to meet the guarantees, the Bidder shall carry out necessary modification or replacement of the equipment to make the equipment comply with the guaranteed requirements at no extra cost to PACL. However, if Bidder is not able to demonstrate the guarantees, even after modifications/replacement within 15 days of notice by PACL, PACL shall have discretion to reject the equipment OR accept the same with penalty as decided by PACL.

No credit will be given if the actual output is greater than the requirement.

## **8. Validity of Bid.**

Bid shall be valid for a period of 90 days from the last date of submission of bid. In exceptional circumstances, PACL may request Bidders to extend the Validity Period of the bid for a specified additional period, which shall not exceed 180 days. The request and the responses thereto shall be made in writing by post or email.

## **9. ARBITRATION**

In all cases of dispute or disagreement between the parties hereto as to any matter arising out of or relating to this Purchase Order/Work Order whether such dispute or disagreement shall arise during the continuance of this Purchase Order/Work Order regarding interpretation of this Purchase Order/Work Order or any clause or clauses thereof or upon or after the termination hereof and provided no understanding between the parties can be reached for the settlement of the difference such dispute or difference shall be referred to the sole arbitration of the Managing Director of Punjab Alkalies & Chemicals Limited or any other officer appointed by him on his behalf, in accordance with the provisions of Arbitration and Conciliation Act 1996 or any Statutory modifications or substitute thereof and all the provisions of that Act, so far

as are applicable or of any of them for the time being in force shall apply to every reference hereunder.

The award given by such Arbitrator shall be final, conclusive and binding upon the parties to this Purchase Order/Work Order. The Arbitrator may from time to time, with the consent of parties, enlarge the time for making or publishing the award. The arbitration proceedings shall be held at Chandigarh.

Notwithstanding any pending reference to arbitration both parties shall proceed with the execution of their commitments, under the Work Order until the arbitration award is known unless the question of such continuance is a subject matter of such proceedings.

## **10 LAW & ITS JURISDICTION**

You shall be governed by the laws of Government of India in force from time to time and shall be deemed to have been concluded in the Union Territory of Chandigarh. All suits and proceedings shall be subject to jurisdiction of the courts at Chandigarh only.

## **11 JURISDICTION**

All disputes whatsoever that may arise between parties out or in connection with this contract shall always be deemed to have arisen in Chandigarh and only Chandigarh Court will have jurisdiction of entertain them.

## **TECHNICAL SPECIFICATION:**

1. Boiler Capacity : 8 TPH (F & A 100° C)
2. Steam Pressure : 12 kg/cm<sup>2</sup> (g)
3. Steam Temperature : Saturated
4. Furnace : AFBC
5. Fuels : Coal/ Husk/ Pat Coke OR  
similar Fuels
6. Type of System : Atmospheric Fluidised Bed  
Combustion.
7. Type of Boiler : Horizontal Multitubular Shell Type  
Water cum Smoke Tube Boiler.
8. Type of feeding system : Over bed Fuel feeding system
8. Design Code : IBR 1950 with latest amendments.
9. Ambient Temperature : 48° C
10. Relative Humidity : 80%