



## **National Centre for Sustainable Aquaculture (NaCSA)** (MPEDA, Ministry of Commerce & Industry, Govt. of India)

**Tender No. 02/2011-12/NaCSA**

NaCSA invites tender from manufacturers with proven track record in the relevant field for **SUPPLY, INSTALLATION & COMMISSIONING OF 20 TPD (Twenty Tons Per Day) CAPACITY CONTAINERISED TUBE ICE PLANT**

### **INSTRUCTIONS TO THE TENDERERS.**

1. National Centre for Sustainable Aquaculture (NaCSA) is pleased to invite tender for supply, installation & commissioning of 20 TPD (twenty tons per day) capacity containerised tube ice plant in Andhra Pradesh (2nos) and in West Bengal (1 no).
2. **Technical Specifications:** Containerized tube ice plant should be supplied as per the technical and commercial specifications given in Annexure I.
3. **Two Cover Tender:** The tender shall be submitted in two cover system as detailed below. The Tenderer shall submit their bids in two covers at the same time on or before the notified date and time fixed for submission of the tender.

#### **A. Cover- 1: Technical Bid shall contain:-**

- i. Technical/commercial specifications with deviations from specifications.
- ii. Commercial terms like payment terms, guarantee clause etc.
- iii. Xerox copy of the PAN card issued by the Income Tax department.
- iv. EMD: Earnest Money Deposit of Rs. 20,000 (Twenty thousand rupees only) in form of a crossed demand draft drawn on any nationalized bank in favour of "NaCSA" payable at Kakinada.
- v. Sales Tax Registration certificate.
- vi. Deed of partnership / Articles of Association / Memorandum of Association as applicable.

- vii. List of technical personnel with due qualifications & experience duly certified.
- viii. List of machinery / tools / plants required for installation & commissioning immediately available with the tenderer and list of machineries / tools / plants to be utilised on this project but not immediately available and the manner in which it is proposed to be procured.
- ix. Details of experience in supply, installation of containerized tube ice plant / tube Ice plants
- x. List of valuable clients of containerized tube ice plant / tube Ice plants during 2009, 2010, 2011 with contact details including email and phone number
- xi. Time required for supply, erection & commissioning, period of guarantee, terms & conditions
- xii. All the pages of this tender notice have to be signed and fixed with official seal of the company as a token of acceptance of all terms and conditions of the tender.

**Cover - 1 shall not contain any price bid.**

**B. Cover - 2 Financial Bid shall contain: The price bid.**

**PRICE:**

- i. **Basic price** with breakup thereof for levies, ST, P&F, Freight, Insurance etc.
- ii. The rates quoted should be furnished both in **figures** and as well as in **words**.
- iii. The Excise Duties, Sales Tax and other levies should be clearly furnished with percentage in the price.
- iv. The Freight and Insurance charges, Packing & Forwarding charges should be shown separately. Packing & forwarding, Freight and Insurance charges will be paid only at actuals on production of voucher and not on percentage basis.
- v. Price should be valid up to 365 days from the acceptance of tender.

**C. The Overall cover shall contain:-**

- 1) Cover- 1 (Technical Bid) and
- 2) Cover- 2 (Financial Bid)

**3. SUBMISSION OF TENDER:** Cover- 1 (Technical Bid), Cover-2 (Financial Bid) and the Overall cover shall be individually sealed with superscription "SUPPLY, INSTALLATION & COMMISSIONING OF 20 TPD (Twenty Tons Per Day) CAPACITY CONTAINERISED TUBE ICE PLANT" should be submitted to Chief Executive NaCSA, MPEDA house, Panampilly Avenue, P.B.No 4272, Kochi -682 036, Kerala.

**Schedule for receipt and opening of bids:**

- a) Last date and time for receipt of Tender: Up to **15.00 Hours on 12.09.2011.**
- b) Date and time of opening of Tender: At **15.30 Hours on 12.09.2011.**

In the event of the specified date for the submission of bids being declared a holiday for the Employer, the Bids will be received up to the appointed time on the next working day.

**REJECTION OF TENDERS:**

The tenders will be rejected if

- i. Received with out EMD.
- ii. Not in conformity with technical specifications
- iii. Offered with a lesser validity period mentioned under commercial specifications.
- iv. Received from a tenderer whose past performance in supply of containerized tube ice plant / tube Ice plants is not satisfactory
- v. Not signed by the tenderer.
- vi. Corrections, over typing etc. in the tender not authenticated.
- vii. Received after the due date of time.
- viii. Received by Telegram/Telex/Fax/E-Mail

**Opening of tenders:**

Tenders will be opened by competent authority on 12/09/2011 at 15.30 Hrs in MPEDA head office at Panampilly Nagar, Kochi-36, Kerala, unless any compelling reasons require postponement of the opening of the tender.

**Overall cover containing** Cover- 1 (Technical Bid), Cover-2 (Financial Bid) will be opened first in front of all intending bidders.

Then **Cover -1 (Technical Bid)** will be opened and the content will be evaluated by the screening committee constituted by NaCSA for the purpose. The amount, form and validity of Bid, Earnest Money furnished will be read out. If Earnest Money not in conformity, the Technical Bid and sealed Financial Bid will be returned to the bidder. If any of the tenderer indicates the price in Cover-1 (Technical Bid) the bid will be not be read out and rejected.

**Cover -2 (Financial Bid)** containing the detailed price offer will not be opened until technical evaluation has been completed and the results are approved by Screening Committee. Cover -2 (Financial Bid) of the bidders who qualify the technical bid (Cover -1) only will be opened next.

Cover- 1 (Technical Bid), Cover-2 (Financial Bid) will be opened in the presence of available bidders at MPEDA Kochi. NaCSA will have the right to reject tenders not complying with its requirements.

**GENERAL CONDITIONS:**

1. Tender documents should be signed by an authorized person of the company.
2. All information in the bid shall be in English only. All corrections, over typing etc. in the tender should be authenticated.
3. The NaCSA, reserves the rights to accept, reject any or all the tenders.
4. The successful tenderer is bindingly responsible for the timely completion of the tendered task.
5. NaCSA reserves the rights even after the tender is accepted, to seize all the supplied material without any prior notice or prepayment & to forfeit all the sums deposited by & then due towards the tenderer if it is observed that the successful tenderer has furnished any false information in the tender.
6. The successful tenderer have to be undergo for an agreement with NaCSA on Rs. 100/- Stamp paper purchased by the tenderer at his own cost.
7. An additional item if required, out of the scope of tender document, will be provided by the successful tenderer, at the prevailing market cost, but pre-sanction have to be taken from NacSA.
8. The successful tenderer have to co-ordinate with NaCSA for civil work and electrical work.
9. Cover -2 (Financial Bid) of the tenderer will be opened only after all the technical and commercial specifications are fulfilled i.e Cover -2 (Financial Bid) will be opened only if Cover -1 (Technical Bid) is qualified.
10. Validity of the tender is up to 365 days from the acceptance of tender.
11. The work should be completed with in six months from date of issue of work order to the successful tenderer.
12. All the pages of the documents in the Cover 1 (Technical Bid) and Cover 2 (Financial Bid) have to be signed and fixed with official seal of the company.

## ANNEXURE - I

### A. Technical Specification:

1. **Ice Freezer and Accumulator** consisting of stainless steel SS304 ice cutter driven by 2.00 hp gear motor.
2. **Chilled Water Pump** : 2.0 hp monobloc pump with motor.
3. **Water Tank**: Top and bottom water tank made from stainless steel SS304 with solenoid float level valve.
4. **MYCOM 4L Reciprocating Compressor** operating as single stage ammonia compressor on steel base completed with :-
  - i. Suction and discharge stop valve
  - ii. Oil separator with oil return float valve
  - iii. Pressure gauges panel and pressure switches
  - iv. Water cooled system for cylinder head top covers
  - v. Capacity control solenoid
  - vi. V-Belts and guard
5. **Electric motor** (SPDP) 75Hp, 1,440rpm, 400-440V/3ph/50 Hz
6. **Combined Shell & Tube Condenser Receiver** including 5 hp pump manufactured and pressure tested with:- Safety valve - Air Purging valve.
7. **Induced Draft Cooling Tower of 75TR capacity with 3hp fan.**
8. **Main switch control panel with :-**
  - i. Main circuit breaker with fuses
  - ii. Branch circuit breaker with fuses
  - iii. Star/Delta starter for compressor motor
  - iv. DOL starter for chilled water pump and condenser water pump
  - v. DOL starter for cooling tower fan motor
  - vi. Pilot lamps and push button switches
9. **Supply / service includes** first Charge of refrigerant (ammonia) and compressor oil and transportation, unloading and crane handling charge.
10. **Warranty** containerized tube ice plant should be guaranteed against the faulty material and workmanship, for a period of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.
11. **Priority** will be given to those who have proven record on successful implementation of containerized tube ice plant / tube Ice plants in seafood and aquaculture sectors during 2009, 2010 and 2011.

**B. Commercial Specification:**

NaCSA will make 80 % the payment only on successful supply & commissioning of the tube ice machine and the remaining 15 % will be paid only after the successful demonstration of producing the specified capacity for a period of 15 days by the supplier. Remaining 5 % of the total tender amount will be retained for one year against performance guarantee.