



KERALA STATE COASTAL AREA  
DEVELOPMENT CORPORATION LIMITED  
(A Government of Kerala Undertaking)  
Makayiram, T.C 16/1709, Ulloor Lane,  
Near DPI, Jagathy, Thiruvananthapuram, Kerala  
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### Tender Notice

No. 1805/A/KSCADC/2013

12.09.2013

The Managing Director KSCADC invites sealed tenders including design, technology details, specifications and cost from experienced firms/companies for the supply, installation, testing and commissioning of chilled storage unit at various hygienic fish markets. The tender forms will be available at Office of the KSCADC. For more details visit [www.keralacoast.org](http://www.keralacoast.org)

Sl. No.	Name of Item	Qty	EMD (Rs.)	Cost of Tender (Rs.)
I	Chilled Storage Unit	14 Nos.	70,000/-	10500 +5% VAT

Date of Closure of Sale of Tender : 03/10/2013 11 AM

Last date of receipt of Tender : 03/10/2013 4 PM

Date of opening a Tender : 03/10/2013 4.30 PM

Sd/-  
Managing Director

## **I. CHILLED STORAGE – 14 Nos. (Approx.)**

Competitive bids are invited for the supply, installation, testing and commissioning of chill room units at various hygienic fish markets being established by KSCADC from the firms/companies having experience in the installation of chill room.

### **A. Technical Specifications**

#### **1. Insulated cabinet**

Dimension: 250cm × 225cm × 240cm

Panels: Pre-fabricated sandwich panels with cam locks and silicone sealant on all joints. Wall, ceiling and floor are joint with step and insitu PU foaming to avoid any leakage.

Wall & ceiling insulation: 60mm thick PCGI laminated PUF panels ( $40 \pm 2\text{kg/m}^3$ ) with doors.

Floor Insulation: 60mm PUF slab with both sides polythene sheet (200 microns thickness), with an overlap of 100mm. (Concreting and Kota stone laying under contractors scope.)

Panel Make: PUF panels manufactured by a UNFCC certified firm.

Door: Thermally sealed flush type swing doors of size 75cm x 190cm (ht). Doors should be fitted with flush type door lock, door defeat, all door accessories should be with non corrosive SS/alloy, kick plate with SS chequer plate should be provided to a height of four feet.

Door make: PUF panels manufactured by a UNFCC certified firm.

Man trap alarm: A hooter should be provided, in case of man trap inside the room.

#### **2. Refrigeration unit**

Refrigeration unit type: Air cooled split type

Compressor: hermetic, 3 ph.

Condensor coil: Aluminum fin and copper tube, Air cooled type.

Condensing temperature: 48-50 Deg C

Power supply: 3ph-400v-50 Hz ( $\pm 5\%$ ).

Ambient condition: 40 Deg C

Evaporating temperature: -3° C.

Refrigerant: R-134a/404a

Connected load: 3.5 kw.

Temperature attainable: Automatically vary in between +1 and +3 degree centigrade inside the insulated chamber.

Piping distance from condenser to evaporator: 10 RMT.

Electrical- HP/LP switch, solenoid valve (Danfoss/equivalent), single phase preventor, cut in cut out, relays, MCB, etc- make: L&T/Schneider/ Siemens/equivalent

Electrical panel- Inbuilt with Condensor

## **B. Tender Conditions**

1. 1% of the cost of articles quoted shall be furnished as EMD by means of demand drafts of a Nationalized Banks drawn in favour of Managing Director, KSCADC at payable at Trivandrum.

2. A preliminary Agreement in the prescribed format (as per the tender document) on stamped paper worth Rs. 100/-) shall be executed and furnished along with the tender document.
3. 5% of agreed value shall be furnished as security deposit in the form of bank guarantee of a Nationalized/scheduled Bank for a period of one year from the date of issue of satisfactory completion report.
4. The chill room unit shall be commissioned at the site as specified by KSCADC in the various districts.
5. There shall be three years replacement warranty for all the components. The electrical and electronic components shall have warranty given by the manufacturer, but not less than one year.
6. The chill room unit shall be commissioned within three months on receipt of the supply order as well as handing over of the site.
7. The rates quoted must be inclusive of all taxes, duties, freight, labour charges etc.
8. The year wise terms of Annual Maintenance Contract (AMC) shall be submitted along with the tender for a period of 5 years.
9. Firm/company/ authorized suppliers declared by Kerala Govt., including KSCADC to be ineligible to participate for corrupt, fraudulent or any other unethical business practices shall not be eligible during the period for which such ineligibility is declared.
10. KSCADC do not bind themselves to accept the lowest or any bid and reserves the right to reject any or all bids with/without any reason and accept/prefer any bid or Bidder without assigning any reason and also reduce or extend the period of contract without assigning any reason.
11. KSCADC reserves the right to contact and verify Bidder's information, references and data submitted in the Bid proposal without further reference to the Bidder.
12. The absence of specifications details regarding any equipment to be supplied under this project implies that best general practices will prevail and that first quality material and workmanship will be applied as per the discretion of KSCADC. Certification standards, when available, for the to-be-installed equipments and materials, will prevail.
13. The KSCADC reserves the right to vary the quantities and fix a delivery schedule. KSCADC also reserves the right to order additional quantities at a price not more than the price accepted after this tender for a period of six months from the date of order placement.

14. KSCADC reserves the right to effect changes in the Technical Specifications. Any such change will be notified in writing to all those who have purchased this Document. In case, any of the bidder have submitted the bids before receiving the notification of changes, will be allowed to submit a revised tender accordingly.

Note:-

- a) The tender shall be put in a single sealed cover super scribing the wordings “Bid for supply and installation of Chill room unit”.
- b) The following certificates shall be submitted along with the tender,
  - (i) The bidder shall submit Customer Satisfaction Report from at least one customer to prove his experience in supply and erection and commissioning of chill room.
  - (ii) OEM certificate from the manufacturer.