



ସମନ୍ୱିତ ଆଦିବାସୀ ଉନ୍ନୟନ ସଂସ୍ଥା, ଥୁ.ରାମପୁର, ଭବାନୀପାଟଣା

ITDA, TH.RAMPUR, BHAWANIPATNA, KALAHANDI

Phone: 06670-230576(O), E-mail: itdathr@nic.in, paitdathrampur@gmail.com

No. 291 /ITDA. Dated. 22-02-2021

TENDER CALL NOTICE

Sealed tender in the format mentioned below are hereby invited from the intending manufacturing Company/ Firms/ Registered Suppliers/ Dealers for supply, fitting & installation of **25-Seater FRP Passenger Boat** for ferry use from reputed brand at ITDA, Th.Rampur at Bhawanipatna in the district of Kalahandi, Odisha which is to be floated in the reservoir of Indravati, Mukhiguda/Khatiguda.

[A] Tender under two bid system:

The Tender has been invited under two bid system i.e. Technical Bid and Financial Bid. The intending Firm/Register Dealers must submit. Two separate sealed envelopes super scribing:

ENVELOPE NO.1: “**Technical Bid** for supply, fitting & installation of **25-Seater FRP Passenger Boat**. EMD drawn up by the nationalized bank must be attached with the Technical Bid.

ENVELOPE NO.2: “**Financial Bid** for supply, fitting & installation of **25-Seater FRP Passenger Boat** as per proforma.

Both the afore stated bids be placed in a third envelope super scribed with : “Tender Call Notice No..... Dt.....*Tender for supply, fitting & installation of **25-Seater FRP Passenger Boat**.*

[B] Documents to be attached :

Tender should be accompanied with the following:

[1] E.M.D. [**REFUNDABLE**] for 10,000/- (Rupees Ten thousand) only in shape of Bank Draft to be drawn in favour of the “PROJECT ADMINISTRATOR, ITDA, TH.RAMPUR” drawn in any nationalized Bank, payable at Bhawanipatna [*Immediately after finalization of the Tender the E.M.D. of the unsuccessful Tenderers will be refunded*].

[2] Photocopy of GST Certificate.

[3] Photocopy of PAN No. of the Register Firm. In no cases, the PAN No. of Owner of the firm will be considered.

[4] Authorized Dealership Certificate.

[5] List showing the Government Office/Institutions [Govt. of Odisha, Govt. of India, Other State Governments or State Government Agencies]/reputed Organizations in which previously supply, fitting & installation of **25-Seater FRP Passenger Boat** have been made by the Firm if any, be submitted alongwith the photocopy of orders for supply of the same received from the Institutions.

[6] Statement showing Annual Turn Over for the last three financial years (i.e. 2017-18 to 2019-20).

[7] Other relevant documents if any ;

[C] TECHNICAL SPECIFICATIONS:

The 25-Seater FRP Passenger Boat will be constructed and built in accordance with the specification contained herein. It will be custom-built to meet the operational requirement for use as a passenger boat in the reservoirs.

1. **MAIN PARTICULARS:**

Length (Overall) : 11.00 Mtrs. (Approx.)
 Breadth (Overall) : 3.30 Mtrs. (Approx.)
 Depth : 1.50 Mtrs. (Approx.)
 Draught : 0.75 Mtr. (Approx.)
 Engine : 1(One) no. 52HP Inboard marine water cooled diesel engine with 2:1 hydraulic reverse reduction gear box.

2. **CAPACITY:**

Passengers : 25(twentyfive) Persons
 Crew : 02(two) Persons

3. **MATERIAL OF CONSTRUCTION:**

Hull and Superstructure - FRP (Fibreglass Reinforced Plastic)

4. **CONSTRUCTION:**

a) **Hull and Superstructure:**

All the materials such as glass fibre, polyester resin and gelcoat, wood, etc., will be of the best quality. The workmanship and finish will also be of good standard and to the satisfaction of the customer.

The shape of the hull will be round bilge at ford and chine at aft.

The hull structure will be made of FRP construction with one longitudinal centre girder and sufficient transverse Stringers with 500 mm spacing.

All frames, stiffeners, keel, transom, bulkheads, floor, deck, etc. should be constructed as per the best boat building practices.

The thicknesses and other features of the hull are as follows:

Keel	-	10 mm
Bottom	-	8 mm
Sides	-	7 mm

Sheer	-	8 mm
Stringer spacing	-	500 mm
Bulk heads	-	12 & 19 mm plywood with FRP lining

The deck will be constructed of FRP PVC/Plywood sandwich construction. Proper supports, stiffeners, etc. will be provided.

The cabin will be made of FRP with Roof FRP PVC/Plywood sandwich construction for insulation as well as strength and further strengthened with FRP hat sections consisting of one longitudinal and several transverse stringers with 500 mm spacing. Additionally tubular steel pillars are to be given as supports as required.

The steel fittings wherever required will be Galvanized or Powder Coated and will have good smooth surfaces.

4(four) nos. MS bollards should be fitted to the deck.

Buoyancy as required will be provided using polystyrene as the buoyancy material kept below the floor level.

b) Arrangement:

The cabin will have a wind shield at the ford and the helmsman remote steering and console arrangement to be given at the front.

The boat will have FRP Benches for 25 passengers. Flooring of the boat is made of FRP with Roof FRP PVC/Plywood sandwich construction placed above the waterline with proper staging. Hand railings to be fixed on the ceiling under the roof for facilitating passenger movement. Railings are also to be fixed over the cabin on the sides for passenger movement along the deck. The boat will have suitable Rubber fender to be fitted around the boat. Sufficient eye hooks are to be provided on the deck for tying up the type fenders which are also to be provided.

The cabin will have adequate number of windows for viewing by passengers with sliding aluminum frame, openable type, fitted with toughened glass. 2(two) passages one each at ford and aft to be given with overhead sliding type doors. Stair cases with railing to be provided at the passages.

2(two) over hanging enclosures are to be provided at aft for use as Kitchen and Toilet.

1(one) no. SS drinking Water Container is to be given with a tap at a suitable location.

ENGINE, PROPULSION & STEERING SYSTEM:

1(One) no. inboard marine water cooled diesel engine of 52 HP at 1800 RPM of Ashok Leyland/Mahindra /Simpson make with 2:1 hydraulic reverse reduction gear box to be installed.

The stern gear will have Brass Stern Tube with SS Shaft, Gun metal Bushes and four bladed manganese bronze Propeller. The propeller will have a guard at the bottom which should be a support to the rudder system.

The cooling water will be drawn by a Sea Water Pump from the bottom of the hull with a FRP Sea Chest fitted as an integral part of the hull at a suitable height with a flange type closure for easy cleaning, if required, without dry docking of the boat.

A diesel tank is to be provided at a suitable location with proper piping for inlet and overflow arrangement. Air intake system should be properly made to see that no warm air gets in to the system. Engine casing made of FRP should be of suitably openable type.

Exhaust outlet should be planned so as to be mixed with the cooling waterline coming out of the water cooled exhaust manifold.

Engine start and stop function switches and all the control gauges (electrical) with switches for navigation should be given at the helmsman's dashboard.

The Steering and Rudder system should be strong enough to take load in adverse conditions. The Rudder assembly should have gunmetal bushes and gland packing in the system with a thrust bearing to take the load. The rudder assembly compartment to be at the aft.

The Steering Gear should be hand Hydraulic Type connected by pipes to the tiller end.

6. MACHINERY & ELECTRICALS:

A 12 V electric lighting system to be given for the entire lighting and navigational requirement with proper installation through the fuse boxes. Navigational lights (Port & Starboard) on the superstructure at suitable locations, Mast light and Stern light on the FRP Mast (at ford of super structure) with a Search light, Wiper and Horn to be provided.

A 12 V electric automatic Submersible Bilge Pump with float switch to be placed at the lowest point of the hull with delivery pipe at a suitable place on the hull. The

drainages from other compartments are to be connected upto the bilge pump through pipes and valves for a complete safe operation.

7. SAFETY, LIFE SAVING & FIRE FIGHTING:

Life Jackets (27 nos.), Life Buoys (2 nos.), MS fabricated Anchor (1 no.) with PP Rope, PP Mooring Ropes (2 nos.) and Fire Extinguishers (2 nos.) to be provided.

[D] FORMAT FOR FINANCIAL BID:

The financial bid be submitted in the following format:

SL. No.	DESCRIPTION OF THE ITEMS	Warranty period item wise	Rate in Rupees
1	25-seater Fiberglass Reinforce Plastic Passenger Boat having above technical specification with Life jackets (27 Nos.), Life Buoys (2 Nos.), MS Fabricated Anchor-1 No, with PP Rope, PP Mooring Ropes (2 Nos.) and Fire Extinguishers (2 Nos.) separately.		
2	Extra fitting if any required		
3	Cost of Transportation		
TOTAL :			

[E] Procedure for selection of lowest bidder:

(a) In the first instance the documents pertaining to the eligibility criteria of the Bidders shall be verified and eligibility to participate in the process be determined.

(b) The Envelope containing the Technical bid be opened to examine the qualitative aspects of the materials indented for procurement.

(c) The Financial bids to be submitted in the prescribed format of the approved Bidders shall then be opened and finalized.

[F] Duration for receipt of Tenders/Closing hours:

Sealed Tenders addressed to the **"PROJECT AMDINISTRATOR, ITDA, TH.RAMPUR AT/PO; BHAWANIPATNA, DISTRICT; KALAHANDI, ODISHA, PIN:766001"** should reach this office by Registered Post/Speed Post/Courier Service only on or before 2.00 P.M. on dt.16.03.2021, if this day is declared as holiday by Government the next working day shall be the last date for receipt of the Tenders.

[G] Opening of Tenders:

The Tenders will be opened on the same day i.e. 16.03.2021 at 4.00 P.M. by the Tender Committee in the Office chamber of the "PROJECT AMDINISTRATOR, ITDA, TH.RAMPUR" in presence of the Tenderers or their authorized representatives. If however the date of opening of the tenders is declared as holiday by Government the Tenders will be opened on the second working day at the time and venue stated above.

[H] Validity of Rate Approved:

The rate approved shall remain valid during the period of one year commencing from the date of finalization of the Tender which will facilitate procurement of further systems during the said period.

[I] Security Deposits:

Successful bidders will deposit 5% [five percent] of the payment value be the Security Deposit and be retained in this office for a period of one year from the date of first supply. In case of failure to supply, fixing and installation of the system in time or for any deficiency relating thereto the same shall be forfeited. In case of the firm registered with respective DIC or local Micro & Small Enterprises, their Security Deposit will be 25% of the prescribed Security Deposit (i.e. 25% of 5%).

[J] Payment on supply & installation:

Payment in respect of the system indented and supplied shall be made by e-transfer for which the selected Firm should submit the Account No, Name of the Bank and the ISFC Code along with the Bill duly signed by him.

[K] Acceptance or Rejection of Tenders:

The Tender Committee has reserves the right of discretion to accept or reject any or all tenders at any stage and may also increase or decrease the quantity indicated above without assigning any reason thereof.

The aforesaid notice shall be available in the District Website-www.kalahandi.nic.in w.e.f. dt.23.02.2021.


Project Administrator,
ITDA, Th.Rampur,
Bhawanipatna.

Memo No. 292 /ITDA

Dtd. 22-02-2021

Copy forwarded to the D.I.O, NIC, Kalahandi with a request to web hoist the Advertisement in the District Website [www.kalahandi.nic.in] for wider publicity and information of all the intending Firms.

Copy to the Notice Board of this Office for information of all concerned.


Project Administrator,
ITDA, Th.Rampur,
Bhawanipatna.

Memo No. 293 /ITDA

Dtd. 22-02-2021

Copy submitted to the PD, DRDA, Kalahandi for favour of kind information & necessary action.


Project Administrator,
ITDA, Th.Rampur,
Bhawanipatna.

Memo No. 294/ITDA

Dtd. 22-02-2021

Copy submitted to the Collector, Kalahandi for favour of kind information.


Project Administrator,
ITDA, Th.Rampur,
Bhawanipatna.
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