

GOVERNMENT OF PUNJAB  
NOTICE INVITING TENDER

**EMERGENT IFB No.- 108/BD/Boats/2014-15 Dated 25.04.2014**

(Through e procurement mode only- <https://etender.punjabgovt.gov.in>)

On behalf of Governor of Punjab, Short Term Tenders are invited through E-Tendering for the supply of Inflated Boats along with O.B.M. Engine as per detail given below:-

**1. NAME OF WORK; SUPPLY OF RESCUE BOATS FOR DIFFERENT FLOOD PRONE DISTRICTS OF PUNJAB.**

1	Description of items	Earnest Money (In Rs. Lakh)	Cost of B.O.Q. (Tender form) in Rs.	Time of completion
1	2	3	4	5
1.	Supply of 20 nos. inflatable rescue Motor boats with 25 HP OBM of 7 to 10 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab			
2	Supply of 2 nos. FRP rescue Motor boats with 40 HP OBM of (10+2) 12 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab	5.00	5000/-	60 Days
3.	Supply of 3 nos. FRP rescue Motor boats with 75 HP OBM of (15+2) 17 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab			

2. DATE OF ISSUE OF NOTICE INVITING TENDER. : 25.04.2014

3. PERIOD OF SALE OF BID DOCUMENT : FROM ...28.04.2014...To 06.05.2014 upto 11.00 HOURS

4. LAST DATE AND TIME FOR RECEIPT OF BIDS : DATE- 06.05.2014 TIME 14.00... HOURS

5. TIME AND DATE OF OPENING TECHNICAL AND FINANCIAL BIDS : DATE- 06.05.2014 TIME 15.00...HOURS

6. PLACE OF OPENING OF BIDS ONLY. : THROUGH WEBSITE <https://etender.punjabgovt.gov.in>

7. VALIDITY OF BIDS- : 60 DAYS from purchase Order

8. OFFICER INVITING BIDS : Executive Engineer  
Discharge Division (I.B.Pb.)  
S.C.O. No. 32, Phase –I, Mohali-160055  
Punjab

9. For participating in E-Tendering process, the contractor shall have to get themselves registered to get user ID, Password and digital signature. This will enable them to access the website <https://etender.punjabgovt.gov.in> and download/ participate in E-tender.

10. If it happens to be a holiday on the date of opening of tenders, the tenders will be received and opened on the next working day.

11. The blank tender documents can be down loaded from and duly filled document can be uploaded on [website https://etender.punjabgovt.gov.in](https://etender.punjabgovt.gov.in)

12. (a) Form fee (Cost of B.O.Q.) which is Non Refundable shall be paid through electronic mode only payable in favour of Executive Engineer, Discharge Division (I.B.Pb.) S.C.O. No. 32, Phase –I, Mohali-160055,Punjab failing which the tender will be rejected.

(b) Earnest Money shall be paid through electronic mode only payable in favour of Executive Engineer, Discharge Division (I.B.Pb.) S.C.O. No. 32, Phase –I, Mohali-160055,Punjab failing which the tender will be rejected. The Earnest Money should be valid for a period of 120 days from the date of tender.

13. Bidders/ Contractors can access tender documents on the above mentioned website, fill them and submit the completed tender documents as Electronic Tender on the website itself only. Bidders/ contractors shall attach scanned copies of all paper, i.e BD/Earnest Money& the certificates as required in Eligibility criteria.

14. Corrigendum/ Addendum/Corrections. if any, will be published on the website only. The undersigned reserves the right to cancel the bid without any prior information or assigning any reason.

15. The bidders should list up serial No. of scanned documents before uploading, so that the particular documents may be located soon on the basis of Serial No/Pages No. All documents must be uploaded on PDF, MS Office (Compatibility Mode), JPEG, NIP format. Claims will not be entertained if uploaded documents were not able to download/open in other format.

16. The bidder should be fully satisfied of Download ability/ Visibility of scanned uploaded documents.

17. No claim shall be entertained on account of disruption of internet service being used by bidders. Bidders are advised to upload their bids well in advance to avoid last minute technical snag.

19. In the unlikely event of the server for <https://etender.punjabgovt.gov.in> being down for more than two consecutive hours in the period from 12.00 O" clock (night) to closing time of receipt of tenders on the last date of receiving of bid, the last date of the same shall automatically be extended to next working day till the last receiving time stipulated in the original NIT.

20.(A) Price Bid of only those tenderer would be opened who qualified the Technical Bid.

20.(B) Suppliers should carefully read the technical specification before submitting their tenders.

20 (C) Testing and commissioning of the equipment purchased is to be done by supplier.

20.(D) The authority reserve the right to accept or reject full or part of order to any supplier with reasons whatsoever and that will be conclusive and binding to the tenderer.

20.(E) The authority will award the Contract to the bidder whose Bid has been determined to be substantially responsive to the Bidding documents and who has offered the lowest evaluated Bid price.

20.(F) The supplier shall supply the detailed documents about the technical manual and operational manual of the equipments.

20.(G) All dispute under this contract are subject to Punjab Jurisdiction only.

20.(H) Final rate including all types of Taxes, Freight, VAT, Insurance, Transportation etc.anywhere in Punjab payable to the Government should clearly be stated giving detailed break-up of the price. Terms such as "as applicable" etc. should not be used but a fixed and firm price be quoted otherwise tender will be rejected. The charges shall also be taken into account in deciding the tender.

20. (I) Expected warranty period is minimum one year however participants will have to give guarantee for service & maintenance including Major & Minor repair (Inclusive of Engine oil for OBM, all parts, repair charges, overhauling charge all complete) either at site or factory at least for one year after warranty period. The period for S/M (including minor repair) will be working period only which is from 15<sup>th</sup> of June to October i.e. 4.5 months only including all labour & materials if any. The participants should mention his comprehensive AMC rate separately inclusive of all charges in Financial Bid. The charges shall also be taken into account in deciding the tender.

20.(J) (I) Tenderer should have experience and successful completion of supply of average 50% of inflatable Motor Boats with OBM etc. in any year during last five financial years to any Govt./Semi Govt. or Public Sector undertaking. The tenderer will also submit the performance certificate from the end users for boats already supplied by him.

(II) Tenderer should have at least average turnover of Rs. 50 lac. in any year during last five financial years.

(III) Capability with respect to personnel, equipments and manufacturing facility may also be taken into consideration while taking decisions.

Tenderer should submit relevant documents regarding above and copy of audited Profit and Loss account and balance sheet for last Five years with their Technical Bid.

20.(K) Performance Bank Guarantee for a period of sixty days beyond the date of all completion of all contractual obligations of the supplier including warranty obligation, issued by any branch of any Nationalized Bank situated in India, amounting to ten percent of the accepted Bid amount, will have to be furnished by the tenderer within a period of seven days from the date of issue of the Letter of Acceptance (L.O.A.), failing which the Letter of Acceptance (L.O.A.) will be cancelled and the EMD will stand forfeited. No Interest will be paid for the period money is kept with the department.

20.(L) The tenderer should submit the comparative chart of their product with specification given by this office, and additional features if there are any, it may be shown separately.

20.(M) Tenderer should be original manufacturer having ISO Certificate or he should submit authorization letter of original manufacturer.

20.(N) EMD Refund:-a). The Earnest Money Deposited with the tender of technically disqualified tenderer shall be refunded along with the sealed Price Bid.

b). The Earnest Money of the unsuccessful tenderer will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30<sup>th</sup> day after the award of the contract.

c). The Earnest Money of the successful tenderer will be returned after submission of Performance guarantee and execution of agreement.

d). No Interest will be paid for the period money is kept with the department.

20.(O) Date of Completion of supply:-a.) The supply should be completed within 60 days from the issue of Purchase order.

b). Penalty @ 0.5% on delayed period per day on cost of delayed supply subject to maximum 10% of agreement amount will be imposed for the material not supplied within the delivery period.

c). Normally no extension of the schedule delivery or completion date will be considered except where events constituting force majeure as provided in the contract have occurred.

20.(P) The quantity tendered can be increased/ decreased/ dropped as per requirements at the time of placing the order.

20.(Q) The tenderer should submit an affidavit to the effect that their firm/quoted product has never been blacklisted by any Govt./ Semi Govt./Public undertaking in India. If the statement given is found false the purchase order will be cancelled and

EMD/Performance bank guarantee submitted by the tender will be forfeited.

20.(R) The specification of Inflatable Motor boat , O.B.M and F.R.P. Boats are attached with Bid Document.

20.(S) Conditional Tender shall be rejected.

21. Further details of works can be obtained form the office of the undersigned. for clarification, regarding the E-tendering process, please contact the Computer Cell, 2nd Floor, Sinchai Bhawan, Sector -18, Madhya Marg, Chandigarh, or E-Procurement Helpdesk, SCO No.101, IInd Floor, Sector 47-C, Chandigarh Phone No.0172-3953764 . Detail of the tender can also be seen on Punjab Irrigation Deptt. Website i.e [pbirrigation.gov.in](http://pbirrigation.gov.in)

22.The Supplier has to supply the Boats at F.O.R. destinations located in different districts of Punjab as per the requirement of District Administration.

23. The payment will be made within 30 days of the delivery after deducting security of 5% of the payment along with taxes applicable. Security will be released after the warranty period.

Sd/-

Executive Engineer

Discharge Division (I.B.Pb.)

S.C.O. No. 32, Phase -I, Mohali-160055

Punjab.

Phone-0172-2225597

Mobile-9646074646

E-mail : [eeddmohali@yahoo.in](mailto:eeddmohali@yahoo.in)

Website : [pbirrigation.gov.in](http://pbirrigation.gov.in)

# **SPECIFICATIONS**

## **1. INFLATABLE BOATS**

The boat shall be inflatable with air pressure by foot pump and Electric pump (12 Volts DC)

The boat shall be suitable for 7-10 (Seven to ten) persons, or for 2000 lbs/1000 Kgs weight.

The boat shall have reinforced strips under air chamber and keep rubbing strake for extra strength, under the main air chamber.

The design of the boat shall be such that, it shall have minimum four separate air chambers. Out of which three air chambers shall be in main hull, and fourth air chamber, shall be in the inflatable keel.

the hull, air tubes (Chambers), Keels shall be made from Hypalon with 1670 DENI the fabric to carry an approval of BSMA (British standard manufacture association) 16 or IMO (International Maritime Organization) LSA (Life saving Appliance) regulation or equivalent.

The boat shall be provided with plastic coated Transom to form a water proof cocoon.

The exterior size of the boat shall be min. 4200mm x 1800mm

The interior size of the boat shall be min. 2925mm x 1000mm

The deflated size hull shall be approx 1150x650x350mm and floor board shall be 775x950x150mm

The boat shall have four chambers situated at Port, Starboard, Bow and Keel.

The diameter of the tube shall be minimum 19".

There shall be inflatable keel of 7" diameter for stability in sea and swift water rescue.

The seams of the boat shall be quadruple overlap.

The air valves shall be one way type of approved type and make.

There shall be 5/8" grab line along sides for safety.

The weight of boat without floor board & OBM shall not be more than 187 lbs.

The floor board shall be inter-locking type of polyethylene materials/marine plywood with fiber glass reinforced plastic coating with carry bag.

The boat shall have round/conical pontoons for rapid planning.

There shall be built in oarlocks for easy rowing.

There shall be two stainless steel "D" rings for rowing.

The boat shall have four carrying handles and front lashing handle.

There shall be strake around hull and under keel for extra protection.

There shall be two layers of material on lower tubes for better abrasion and puncture resistance.

There shall be two self bailing drain valves.

The design of the hull shall be wide beam type for better stability.

The boat shall be supplied with carrying bag.

The boat shall be supplied with Bow storage bag and repair kit.

The boat shall have quick attachment for OBM.

There shall be two paddle provided for emergency rowing.

the firm should have water testing facility (river Front) as per statutory requirement.

Assessories :- Battery - 1 No. Foot Pump - 2 nos. Floor board -1 set, Paddle of aluminum handle and molded plastic blades -2 nos. Anchor with rope-1 no. Valise-2 nos. (Made of tear resistant coated nylon fabric), Life jacket-10 nos. & Life buoys-2nos. MMD (Merchantile Marine Department) / SOLAS (Safety of life at sea) approved Battery operated pump-1no., First aid box - 1 no.

Repair Kit : Rubber Patches - 10 nos. Adhesive - ½ Kg., Roughening Tolls, - 2 nos. Air valves-2 nos. Hose clamp-4 nos. OBM impeller-1 no. Impeller key -2 nos. Spark Plug-2nos. Starting Rope-2 nos. OBM fuel injector kit-1 no. Water Pump repair kit-1 nos. The items to be new, unused and suiting to latest design and specifications.

The drawing,design,manufacturing materials and the manufacturing firms to be approved by LRS/IRS(Liyod's Register of shipping/Indian Registered of Shipping).Approved drawing of general arrangement of boat must be enclosed with tender.Motor Boats should be approved by LRS/IRS

## **2. F.R.P. BOATS**

The FRP (Fibre Reinforced Plastic) boat will be used to execute rescue operations during flood season in rivers, canals and reservoirs.

Conditions & Requirements

- The FRP boat shall be of such a design that it operates reliably and safely under the prevailing environmental and hydraulic conditions.
- The boat shall be capable to operate in shallow water where repeatedly the hull may impact with rock or sediment.
- All materials on the boat exterior and on wet spots inside the boat shall be noncorrosive.
- The boat shall be very sturdy, unsinkable and shall have an adequate stability.
- The boat shall be easy to operate and maintain.
- The boat shall have an expected technical lifetime of not less than 10 years.
- The boat and the outboard engines shall be capable to operate for at least 6 months without any major servicing.
- The boat shall have floatation chambers filled with closed cell foam.
- The boat shall be provided with appropriate fenders.
- The rear deck shall be provided with an awning.
- The boat shall be supplied with the accessories as needed for effective deployment.
- The boat shall be fitted with One outboard engine.
- The outboard engine shall be operated by a remote control system, located at the stern side bulkhead of the cabin. .
- The control system shall have a starting switch, gear switch and a throttle system for each engine and a steering wheel and emergency stop switch for simultaneous operation of the engine.
- The control system shall match the outboard engine.
- A break water arrangement shall be provided in the front.
- Guard-rail and stanchions with detachable chain will be rigged out around the deck opening. Suitable guard-rails should also be provided around the deck.
- Bollards and fairleads are to be provided on the deck for mooring purpose.
- A maintenance manual, related to the type and model of the FRP boat, shall be part of the delivery.

#### Specifications

##### 1. Boat

bottom shape flat or slightly catamaran

(40 HP/75HP) outboard engine

carrying capacity : 12 persons capacity/17 persons capacity respectively

##### 2. Boat outfit

anchor matching boat, fitted with 5 chain and rope for water depth of 20

m and current velocity of 5 m/s

compass magnetic type, fitted in the boat

fenders 4 of Coir type

paddles 4 for rowing

life-jacket for each person on board,

life-buoy 8 pieces with at least 50 m line, readily available on board

fire extinguisher >5 kg

The fire extinguisher shall be readily accessible in the motor compartment (if any) and in the boat

#### Remarks

For the installation of winches, fitting of survey echo-sounder transducers etc. some local reinforcements and/or supports may be required. Arrangements shall exist for mounting the boat outfit (Bracket) and for dropping of the anchor to keep the boat stationary, during flow measurements. These can only be specified after selection of the survey instruments and other relevant equipment.

Arrangements shall be made for safe working on the boat

### **3. OBM Engine(25 HP)**

The boat shall be provided with outboard motor which can be quickly attached whenever required.

The OBM shall be of reputed Make.

The engine of the out board motor shall be four stroke,three cylinder in-line gasoline engine of reputed brand (Honda/Mercury/Yamaha/Johnson/Penta/Mariner )

The capacity of OBM should be 25 H.P ,4 Stroke and will run with Gasoline (Petrol)

The RPM of the engine shall be 5000-6000 or as per IRS/LRSI. approval

The engine shall have electronic fuel injection system.

The engine cooling system shall be water cooled type with Thermostat.

The gear ratio shall be 1.92:1 or Better.

The Trim system shall through manual type.

The Exhaust system shall through prop.

The lubrication system shall be manual type or Better.

The engine shall be ultra low emission ratings.

The length of engine shaft shall be 15-20"

The engine and drive line shall be fitted in enclosed housing to protect from Sea/River/Canal water.

### **4.OBM ENGINE(40 HP)**

The boat shall be provided with outboard motor which can be quickly attached whenever required.

The OBM shall be of reputed Make.

Conditions & Requirements

- The outboard engine shall be of such a design that it operates reliably and safely in the flood water with fast current.

- The engine will be used in sediment and debris laden water.
- The engine will be used in shallow water with a rocky bottom.
- The engine shall be easy to operate and maintain.
- The engine shall be supplied with the accessories as needed for effective use.
- All materials on the engine shall be non-corrosive.
- The engine shall have an expected technical lifetime of not less than 5 years.
- The engine shall be very sturdy.
- Operator's and maintenance manuals, related to the type and model of the outboard engine, shall be part of the delivery.
- The design of the cooling system shall be sediment and debris tolerant.
- The propeller and tail shall be impact resistant.
- The propeller shall be fitted with an adequate type of breaking pin.
- The engine shall have a provision to adjust its trimming.
- The engines shall be operated by a remote control system, located at the stern side bulkhead of the cabin.
- The control system shall have a starting switch, gear switch and a throttle system for each outboard engine and a steering wheel and emergency stop switch for simultaneous operation of the engines.
- For a good serviceability, the engines shall be of a commonly used brand in India.

Specifications

capacity 30 kW (40 HP)

operation remote controlled twin engine, electric start

fuel petrol start, petrol running

propeller workhorse type, to be selected during trials with boat

tail length to match with boat

alarms over heating, oil pressure

Accessories

All listed accessories are to be delivered for each of the outboard engine

- toolkit
- breaking pins
- spare propellers
- maintenance instructions
- manual
- petrol tank and hoses etc.

## 5. OBM ENGINE(75 HP)

The boat shall be provided with outboard motor which can be quickly attached whenever required.

The OBM shall be of reputed Make.

Conditions & Requirements

• The outboard engine shall be of such a design that it operates reliably and safely in the flood water with fast current.

- The engine will be used in sediment and debris laden water.
- The engine will be used in shallow water with a rocky bottom.
- The engine shall be easy to operate and maintain.
- The engine shall be supplied with the accessories as needed for effective use.
- All materials on the engine shall be non-corrosive.
- The engine shall have an expected technical lifetime of not less than 5 years.
- The engine shall be very sturdy.
- Operator's and maintenance manuals, related to the type and model of the outboard engine, shall be part of the delivery.
- The design of the cooling system shall be sediment and debris tolerant.
- The propeller and tail shall be impact resistant.
- The propeller shall be fitted with an adequate type of breaking pin.
- The engine shall have a provision to adjust its trimming.
- The engines shall be operated by a remote control system, located at the stern side bulkhead of the cabin.
- The control system shall have a starting switch, gear switch and a throttle system for each outboard engine and a steering wheel and emergency stop switch for simultaneous operation of the engines.
- For a good serviceability, the engines shall be of a commonly used brand in India.

Specifications

capacity : 75 HP

operation remote controlled twin engine, electric start

fuel petrol start, petrol running

propeller workhorse type, to be selected during trials with boat

tail length to match with boat

alarms over heating, oil pressure

Accessories

All listed accessories are to be delivered for each of the outboard engine

- toolkit
- breaking pins
- spare propellers
- maintenance instructions
- manual
- petrol tank and hoses etc.

**Note: - Training** - Training shall be given by the trainers of the supplier at each site of destination of each boat, regarding assembly, start-up, operation, maintenance and/or repair of the supplied Goods instead of at Supplier's workshop.



## PRICE SCHEDULE FORM

<u>Name of work</u>	<u>Unit</u>	<u>Rate</u> (Rs.)	<u>Quantity</u>	<u>Total price</u> (Rs.)	
				In Figures	In Words
Supply of 20 nos. inflatable rescue Motor boats with 25 HP OBM of 7 to 10 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab	No.		<b>20</b>		
Supply of 2 nos. FRP rescue Motor boats with 40 HP OBM of (10+2) 12 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab	No.		<b>2</b>		
Supply of 3 nos. FRP rescue Motor boats with 75 HP OBM of (15+2) 17 persons capacity (IRS/LRS approved) for different flood prone districts of Punjab	No		<b>3</b>		

- Note:**
- (i) In case of discrepancy between unit cost and Total price, unit cost shall prevail.
  - (ii) Bidder shall quote all inclusive price including transport and F.O.R. at site