

**WEST BENGAL TRANSPORT INFRASTRUCTURE DEVELOPMENT CORPORATION LTD**  
E M BYE-PASS & RASHBEHARI CONNECTOR INTERSECTION  
(CSTC KASBA DEPOT COMPOUND)  
KASBA, KOLKATA - 700107

Date: 02.07.2018

**NOTICE INVITING EXPRESSION OF INTEREST (EOI)**

**(N.I.T. NO:- 10/WBTIDC/JMD/2018-19)**

**Sub: EOI for training of traditional boatmen/boat-handler on proficiency in handling of motor boats/vessels (operation, minimum repairing and maintenance in case of exigency), safety and security of boats/vessels as well as passengers and first-aid skills**

Whereas the Government of West Bengal has come up with a scheme 'JALADHARA' for development of inland water transport sector in the State with a view to provide rolling stocks of standard and safe design operated by trained and efficient boatmen in the interest of safety and security of passengers of ferry services on different rivers in the State;

AND Whereas the Transport Department, Government of West Bengal is administering the JALADHARA Scheme and West Bengal Transport Infrastructure Development Corporation Ltd. (WBTIDCL), a company under the Transport Department, is the implementing agency of the scheme;

AND Whereas in terms of the JALADHARA Scheme, the '*Bhutbhutis*' (unauthorized semi-mechanized boats), operated at present for ferry services, are proposed to be replaced by mechanized boats of approved designs with the financial assistance provided under the Scheme, or otherwise;

AND Whereas in terms of Clause 15 of the JALADHARA scheme the existing boatmen of such replaced '*Bhutbhutis*' are to be properly trained on proficiency in handling of motor boats/vessels (operation, minimum repairing and maintenance in case of exigency), safety and security of boats/vessels as well as passengers and first-aid skills in the ferry services under JALADHARA Scheme and the cost of imparting such training will be met from the fund allotted for the scheme;

Now, therefore West Bengal Transport Infrastructure Development Corporation Ltd. invites Expressions of Interest (EOI) from authorized/accredited, experienced and reputed training institutes in the field of training ( of boatmen handling motor boats/vessels operated for ferry services in the inland water transport sector in terms of the requirement and terms and conditions and the syllabus of training detailed in Annexure –I.

The proposal for EOI submitted by any interested party should contain the followings:

**A. Particulars of institute:**

- i) Name of the institute:
- ii) Address of the institute:
- iii) Communication address:
- iv) Authorized/accredited by:
- v) Courses of training undertaken at present:
- vi) Experience:                  No. of years in training:  
  No. of courses completed:  
  No. of trainees trained
- vii) River on which practical training is proposed:
- viii) Yearly turnover:

**B. information on infrastructure & manpower:**

- i) Availability of class-rooms:
- ii) Capacity of class-rooms:
- iii) Number of instructors/trainers:
  - a) Theoretical :
  - b) Practical:
  - c) Safety and First-aid:
- iv) Hostel/Mess accommodation details:
- v) Arrangements for food for trainee (put ):
  - Breakfast
  - Lunch
  - Eve. Tea & Snacks
  - Dinner

**C. information on technical facilities:**

- i) Workshop details:
- ii) Engine and spares:
- iii) Equipments:
- iv) Charts and symbols;
- v) Specification of boat(s) for training:
- vi) Simulator for training, if any:

**D. Financial proposal:** Fees (in Rs.) to be charged for each trainee for imparting training (including of board & lodging) on the prescribed course

Interested and willing parties are requested to submit their proposals with all necessary documents in response to this notice inviting EOI by 3 PM on 15<sup>th</sup> July, 2018. The proposal is to be addressed to the Joint Managing Director, WBTIDCL, E M Bye-Pass & Rashbehari Connector Intersection (CSTC Kasba Depot Compound) Kasba, Kolkata – 700107.

The authority of acceptance or rejection of any proposal without signing any reason/ground vests absolutely on WBTIDCL.

Sd/-

Joint Managing Director

## Annexure – I

### 2-WEEKS ABRIDGED SHORT COURSE FOR TRAINING OF BOAT-HANDLERS UNDER JALADHARA SCHEME

(Ref: Clause 15 of the Guidelines of JALADHARA Scheme vide Notification No. 689-WT/TR/N/3W-13/17 dated 15.02.2018 issued BY Transport Department, Government of West Bengal)

- A. Aim:** To teach to all boat handlers to handle the boats and seamanship along with the elimination or reduce the risk factors, survival and safety of the Motor/powerboats.
- B. Objective:** This course will provide procedure and system of the basic safety and saving of human life through its Safety Management System in order to examine its operations continuously and to identify hazards in order to eliminate or reduce the risk factors. This training of Safety Management System focuses on the safety aspects of the motor boat as well as the safety of human life, avoiding of collision & accident.
- C. Target group & eligibility:** The person or persons are involved with the sailing of Country Motorboat / Bhutbhuti in the jurisdiction of West Bengal Inland water.
- D. Course intake:** 40 students per batch i.e.  
2 (Two) groups x 20 student per group  
Minimum 10 students in each group
- E. Duration of the Course:** 2 weeks
- F. Commencement of course:** 1<sup>st</sup> and 3<sup>rd</sup> Monday of every month
- G. Course fees including:**
- Training (both Theoretical & Practical)
  - Hostel accommodation and
  - Food (inclusive of Breakfast, Lunch, Eve. Tea & Snacks and Dinner)
- H. Mode of training:** Theoretical and Practical - Fully residential
- I. Course Certificate:** On successfully completion of this Course certificate will be issued to the participants. Such certificates will be only applicable for boats/vessels under JALADHARA scheme
- J. Validity of this Course:** 5 Years
- K. Revalidation of certificate:** Candidate has to renew or revalidate the certificate by attending of 3 day Re-fresher course after every 5 yrs.
- L. Scope of training and area covered:**
- a. **Preparation for boat sailing:**
    - i. Prepare the boat, lines, fenders, safety equipment, fuel tanks, lines and secure gear on board prior to sailing.
  - b. **Boat handling:**
    - i. **Loading:** Effect on handling and performance, effect on balance and trim, builder's Plate and manufacturer's recommendation and handling ahead and astern, carrying way
    - ii. **Crew members:** Minimum number in Motorboat/ craft, keeping a look-out, Awareness of other water users, including effect of wake steering, controls, effect of current or tidal stream, Protection of Environment/oil pollution
    - iii. **High speed manoeuvring:** Planning, trim requirements and power trim
    - iv. **Planning boats:**

Propeller angle and immersion, shallow drive, high/low speed handling, tiller/console steering  
Carry out pre-start elementary knowledge of engine, checks, engine starting and stopping  
Demonstrate the use of an appropriate length keel cord at all times  
Carry out low speed manoeuvres including: Turning in a confined area, effect of wind on bow and holding off.  
Demonstrate an awareness of the danger of flooding when going astern  
Carry out high speed manoeuvres including S-turns and U-turns

c. **Securing to a buoy**

Preparation of mooring warp  
Use of a boat hook  
Method of approach  
Crew communication  
Making fast  
Procedure when overshooting  
Approach and secure to buoy

d. **Anchoring**

Method of approach in various conditions  
Taking way off  
Crew communication  
Check holding  
Depth of water, holding ground, scope required  
Types of anchor  
Stowage and attachment to boat  
Preparation of anchor, chain and warp  
Approach and anchor correctly  
Weigh anchor correctly

e. **Leaving and coming alongside**

Preparation and use of painter, lines and fenders, attachment to boat, stowage under way  
Speed and angle of approach, Wind effect  
Method of approach in tidal stream or current  
Make fast alongside  
Use springs  
Leave - ahead or astern

f. **Man overboard**

Recovery of man overboard  
Take immediate action  
Observe the man overboard  
Carry out the correct turn with awareness of propeller  
Approach and recover the man in the water

g. **Types of craft/Motorboat :**

Advantages and disadvantages of different hull forms with respect to sea keeping ability  
Engines and drives: advantages and disadvantages of outboard, inboard and outdrive units, single and twin screws, choice and use of fuels  
Sitting of fuel tanks, fuel lines, batteries, wiring, fire extinguishers  
Routine engine maintenance checks, basic fault diagnosis  
Close down procedure  
Advice to inland drivers about coastal waters Use and limitations of GPS  
Application of local byelaws, especially about the commercial shipping  
Sources of weather information  
Awareness of other water users  
Communication with other craft - hand and sound signals/Radio signals

**h. Disabled craft/Motorboat**

Emergency action, preventing sinking

Adrift - alternative means or propulsion

Towing and being towed and Rope work

Fire precautions and fire fighting appliances, Life saving appliances

knowledge of elementary first aid .

Knowledge of Distress signals, response to emergency and crowd management, handling press etc.

**i. Coastal**

Pilotage and passage planning for Small Craft/Motor boat

Safety Scheme, survey and certification

Charts, chart symbols, buoyage systems including ROR

Tides and tidal streams

Use steering and hand bearing compasses

Applications on coastal waters

**j. Others**

i. Knowledge of uses of Life Buoy & Life Jacket

ii. Knowledge of uses and types of Fire-extinguishers on different boats/ivers

iii. Knowledge of Navigational Lights and their uses

<b>Course Time-table</b>			
<b>Sl. No.</b>	<b>TOPICS</b>	<b>THEORY</b>	<b>PRACTICAL</b>
		<b>HRS</b>	<b>HRS</b>
1.	<b>Preparation for boat sailing.</b>	<b>2</b>	<b>-</b>
2.	<b>Boat handling</b>	<b>16</b>	<b>28</b>
3.	<b>Securing to a buoy</b>	<b>4</b>	<b>4</b>
4.	<b>Anchoring</b>	<b>4</b>	<b>4</b>
5.	<b>Leaving and coming alongside</b>	<b>4</b>	<b>4</b>
6.	<b>Man overboard</b>	<b>4</b>	<b>4</b>
7.	<b>Disabled craft/Motorboat</b>	<b>4</b>	<b>4</b>
8.	<b>Types of craft/Motorboat</b>	<b>2</b>	<b>-</b>
9.	<b>Coastal</b>	<b>2</b>	<b>-</b>
10.	<b>Others</b>	<b>1</b>	
<b>CLASS 12 DAYS - MONDAY TO SATURDAY (SUNDAY HOLIDAY)</b>		<b>48 HRS</b>	<b>48 HRS</b>
<b>0800 HRS TO 1715 HRS INCLUDING TEA &amp; LUNCH BREAK</b>		<b>TOTAL 96 HRS</b>	