



INLAND WATERWAYS AUTHORITY OF INDIA

Invites

Expression of Interest (EoI) on Bare Boat Charter basis from entrepreneurs to operate the following inland vessels of IWAI:

- Twin Screw Double Hull 300 tonne Oil Tanker Vessel **Vishweshariyya** and
- One Self Propelled Twin Screw 300 tonne Container Cargo Vessel **Rabindranath Tagore**

in NW – 1 & NW-2 and on the following OD pair/routes.

NW-1 – Between Haldia/Kolkata & Patna or further upstream

NW – 2 – Between Haldia/Kolkata & Pandu or further upstream

Indo Bangladesh Protocol route – Between Haldia/Kolkata & Narayanganj
or further upstream upto Silchar

Whereas the POL vessel can run on all 3 routes/OD pairs, container vessel can run only between Haldia/Kolkata – Patna sector now & between Haldia/Kolkata –Pandu sector later (when Pandu fixed terminal gets ready) with full container load with breakbulk cargo it can run on any sector.

The opportunity: The Inland Waterways Authority of India, an autonomous body under Ministry of Shipping Road Transport and Highways, Govt. of India is responsible for promotion of Inland Water Transport along the National Waterways. The Authority maintains Ganga-Hooghly-Bhagirathi River system stretching over a length of (1640 kms) between Allahabad and Haldia which has been declared as National Waterway No. 1 and the stretch from Sadiya to Dhubri on the River Brahmaputra in North East known as National Waterway No.2. To facilitate transportation of cargo in NW -1 and NW - 2 the Authority will be leasing out Oil Tanker and Container Cargo Vessel initially for three years which is likely to be extended.

THE SCOPE: The brief scope includes operation of this vessel in all weather conditions in the N. W. No.1 and NW – 2. As per the feasibility reports available with IWAI, Edible Oil, Petroleum Oil Lubricants, Petro Coke, Liquefied Ammonia Gas, Furnace Oil and Concentrated Petroleum Products are available on NW – 1 and NW – 2. Night Navigation facility is available between Haldia and Farakka on National Waterways no. 1 and the same is also available between Dhubri – Pandu (Guwahati) on N.W. – 2. Permanent berthing facilities with mechanized handling equipment are available at Patna and Guwahati. The National Waterways has necessary fairway to enable transportation of at least 600 tonne vessels throughout the year.

The twin screw double hull 300 tonne oil tanker Vishweshariyya has an all length of 54.60 metre, draft is 1.20 m (fully loaded) and the speed is 8 knots @ 90% MCR and

the self propelled twin screw 300 tonne container cargo vessel is having over all length of 54.60 mtr. and maximum draft is 1.20 m. (fully loaded).

APPLICANT: The applicant may be a single-entity or a multi entity consortium. The consortium as a whole must have necessary technical and financial expertise to operate the vessel. The applicant is to submit the following documents :-

1. Full particulars of the Constitution, Ownership, Organizational structure and main activities of the applicant including the details of personnel to be involved.
2. Annual reports or audited financial accounts for the last three years.
3. Details of major assignments undertaken of a similar nature during the last five years.
3. A detailed proposal indicating the methodology, work programme.

Submission of EoI: Detailed Expression of Interest along with documents confirming technical and financial requirements for the vessel 300 tonne **Vishweshariyya** oil tanker and 300 tonne container cargo vessel **Rabindranath Tagore** may be submitted by 28th July 2006 at the address mentioned below. The short listed firms will be requested to submit the financial proposal. Interested parties not able to form consortium required for meeting technical and financial requirement may also submit the Expression of Interest along with the details of consortium parties.

Address for communication & submission of Expression of Interest: Assistant Secretary (Cargo), Inland Waterways Authority of India, A – 13, Sector 1, Noida, U.P. 201 301, Telephone NO. 0120-2527667, FAX no.2543994, E-mail iwainoi@nic.in

NOTE : The detailed information regarding Technical specification of the Oil Tanker, Container Cargo Vessel and the infrastructure available at NW – 1 and NW – 2 based on which Expression of Interest shall be submitted and instruction to bidders, evaluation criteria proposed to be adopted is available on IWAI site www.iwai.nic.in

Time Schedule:

Date of issue of notification for Expression of Interest:	04.07.2006
Bidder's Conference*	: 14.07.2006
Date of submission of Expression of Interest	: 28.07.2006

*Bidders who wish to visit the Oil Tanker Vessel Vishweshariyya and Container Cargo Vessel may contact Director, Inland Waterways Authority of India, Ministry of Shipping, Road Transport & Highways, Govt. of India, P-78, Garden Reach Road, Kolkata – 700 043, Telephone No.2439 0393/5577/6055, Fax – 2439 5570 / 1710, Email : iwaical @ wb.nic.in, Email : iwaical @ yahoo.com.

Assistant Secretary (Cargo)
IWAI

OIL TANKER VISHWESHARIYYA

TECHNICAL SPECIFICATION

1. GENERAL

Twin Screw Double Hull 300 Ton Oil Tanker (hereinafter called the “Vessel” Visweshariyya for Inland Waterways Authority of India for operation in National Waterway No.1 and National Waterway No.2

1.2 Design Conditions and Basic Requirements

1.2.1 Design Conditions

- Maximum outside air temperature of 45° C with 90% relative humidity.
- Air temperature of 50 °C with 90% relative humidity in the Engine Room.
- Maximum sea water temperature of 32 °C
- Atmosphere pressure of 760 m Hg.

1.2.2 Basic Requirements

The Vessel is intended for operation in all weather conditions in the national inland waterways NW 1 & NW – 2. The Vessel shall be utilized for transporting Oil Cargo within National Waterways.

1.3 Description of Vessel

1.3.1 Principal Particulars

Length Overall	:	54.60 meter
Length B.P.	:	52.70 meter
Breadth Moulded	:	10.40 meter
Depth upto Main Deck	:	2.40 meter
Draft (Max) MS	:	1.20 meter (fully loaded draft)
Speed	:	8 knots at 90% MCR
Max Endurance	:	19 days

1.3.2 Accommodation

Officers	-	4 (in two 2-berth cabin)
Crew	-	8 (in two 4-berth cabin)

1.3.3 Capacity

Cargo Oil	:	300 Ton
Fresh Water	:	12 ton
Ship Fuel Oil	:	20 ton

1.3.4 Deadweight

The deadweight of the vessel is approx 330 tons

The fuel and stores carried on the Vessel will be adequate for an endurance of 19 days.

1.3.5 Speed

The Vessel can achieve an average speed of 8 knots at 90% MCR in still water.

1.3.6 Bulkheads

The Vessel is divided into 7 (seven) watertight compartments namely :-
Steering Gear Compartment, Engine Room, Pump Room, Cargo Oil Tank No.1 (P&S) with Water Ballast Tank at Double Bottom Cago Oil Tank No.2 (P&S) with Water Ballast Tank at Double Bottom, Forward Store and Fore Peak.

The Cargo Oil Tank Space is made of Double Hull with double bottom Water Ballast Tank to avoid any spillage of oil due to damage.

1.3.7 Main Propulsion Engines

Two (2) nos. high-speed Cummins Marine Diesel engines each developing 195 BHP to achieve a speed of 8 knots fitted each coupled to hydraulic Reverse Reduction Gear Box of ratio 3:1.

1.3.8 Diesel Generator Sets

Two (2) nos. Diesel Generator Sets each of 50 KVA capacity one no.15KVA Harbor DG Set is also fitted.

1.4 Classification, Regulations and Certificates

1.4.1 **Classification and Regulations**

The Vessel with equipment and machinery is constructed in accordance with the rules and regulation of Indian Register of Shipping.

The vessel is registered as an Inland Cargo Vessel at Kolkata under the IWT Directorate, Govt. of West Bengal, as per the relevant rules and regulations of I.V. Act of 1917.

Life Saving Appliances, Navigational Aids, Fire Fighting Appliances and Light & Sound Signals shall conform to the requirements of I.V. Rules and regulations of the IWT Directorate, Govt. of West Bengal/as framed by the State Government where the vessel is registered.

CONTAINER CARGO VESSEL REBINDRA NATH TAGORE

TECHNICAL SPECIFICATION

1. GENERAL

1.1 Self propelled Twin Screw 1 300 Ton Container Cargo Vessel (hereinafter called the “Vessel” Container Cargo Vessel Rabindra NathTagore) for the Inland Waterways Authority of India for operation in National Waterway No.1 and National Waterway No.2

1.2 Design Conditions and Basic Requirements

1.2.1 Design Conditions

- Maximum outside air temperature of 45° C with 90% relative humidity.
- Air temperature of 50 °C with 90% relative humidity in the Engine Room.
- Maximum sea water temperature of 32 °C
- Atmosphere pressure of 760 m Hg.

1.2.2 Basic Requirements

The Vessel is intended for operation in all weather conditions in the national inland waterways NW 1 & NW – 2. The Vessel shall be utilized for transporting Container Cargo within National Waterways.

1.3 Description of Vessel

1.3.1 Principal Particulars

Length Overall	:	54.60 meter
Length B.P.	:	52.70 meter
Breadth Moulded	:	9.60 meter
Depth upto Main Deck	:	2.40 meter
Draft (Max)	:	1.20 meter (fully loaded draft)
Service Speed	:	8 knots at 85% MCR
Max Endurance	:	19 days (trip)

1.3.2 Accommodation

Complement : 12(2 x four Berth cabins and 2 x 2 Berth Cabins)

1.3.3 Capacity

Container Cargo : 16 nos each of 20 TEU
Fresh Water Capacity : 12 ton
Fuel Oil Capacity : 20 ton

1.3.4 Deadweight

The deadweight of the vessel is not less than 330 metric tons

1.3.5 Speed and Endurance

The Vessel can achieve an average speed of 8 knots at 85% MCR at trial condition in still water.

The stores carried on board shall be sufficient for 19 days operation.

1.3.6 Bulkheads

The Vessel is divided into 6 (six) compartments compartments namely :-
Steering Gear Compartment, Engine Room, Container Cargo Hold 1, Container Cargo Hold 2, Water Ballast Tank space and Fore peak compartment as shown in the GA plan.

1.3.7 Main Engines and Auxiliary Machinery

Two (2) nos. high-speed Marine Diesel engines, each developing 195 BHP power to attain 8 knots service speed at 85% MCR is provided with reverse reduction gearbox of ratio 3:1.

Two (2) Nos. Diesel Generator sets with 50-KVA capacities each. Each Generator shall be capable of taking the entire load of the vessel in emergency. One no.15KVA Harbour DG set is also fitted.

1.4 Classification, Regulations and Certificates

1.4.1 Classification and Regulations

The Vessel with her equipment and machinery is constructed in accordance with the rules and regulation of Indian Register of Shipping (IRS).

The Vessel shall be built under the specification survey of Owner's consultants.

The vessel is registered ,as an Inland Container Cargo Vessel at Kolkata under the IWT Directorate, Govt. of West Bengal, as per the relevant rules and regulations of I.V. Act of 1917.

Life Saving Appliances, Navigational Aids, Fire Fighting Appliances and Light & Sound Signals shall conform to the requirements of I.V. Rules and regulations of the IWT Directorate, Govt. of West Bengal/as framed by the State Government where the vessel is registered.