



GOVERNMENT OF ODISHA

**REQUEST FOR PROPOSAL (RFP)
FOR DESIGN, DRAWING, FABRICATION,
CONSTRUCTION, SUPPLY, COMMISSIONING OF 01
(ONE) NO. ELECTRIC RO-PAX VESSEL ON TURNKEY
BASIS INCLUDING LAUNCHING AT KALINALI IN
BHADRAK DISTRICT**



**DIRECTORATE OF PORTS AND INLAND WATER TRANSPORT
ODISHA, BHUBANESWAR**



**Directorate of Ports & Inland Water Transport,
Zone-A, Ground Floor, Fortune Tower,
Chandrasekharpur, Bhubaneswar-751023
Phone: 0674-2300885, Email: - portsniwt.od@nic.in**

NO. 4424 /P & IWT, DATE. 11.12.2025 /

REQUEST FOR PROPOSAL (RFP)

**FOR DESIGN, DRAWING, FABRICATION, CONSTRUCTION, SUPPLY,
COMMISSIONING OF 02 (TWO) NOS. ELECTRIC RO-PAX VESSEL ON
TURNKEY BASIS INCLUDING LAUNCHING AT THE DESIGNATED SITE**

The Directorate of Ports and Inland Water Transport on behalf of Government of Odisha invites Request for Proposal (RFP) in Double Cover Systems from Registered Manufacturer/ Firms for “Design, Drawing, Fabrication, Construction, Supply, Commissioning of 02 (Two) nos. Electric Ro-Pax Vessel on Turnkey Basis including Launching at the designated site”

Interested Registered Manufacturer/ Firms may download the RFP document online from the website of Commerce & Transport Department, Government of Odisha <https://ct.odisha.gov.in/> or can be collected from the Directorate office from **15.12.2025 to 30.12.2025 upto 05.00 P.M.** The Agency who wish to participate shall deposit the document cost for an amount of **Rs.10,000 (Rupees Ten Thousand) only in shape of Demand Draft from any Scheduled/ Nationalized Bank & EMD for Rs.2,00,000/- (Rupees Two Lakh) only in shape of Term Deposit from any Nationalized/ Scheduled Bank/ National Savings Certificate (NSC) drawn in favour of Director, Ports and Inland Water Transport, Odisha, Bhubaneswar payable to Bhubaneswar.** In this regard, there is **no exemption allowed** in depositing of Bid Security/ EMD at the time of participation in tender and concessional payment of Performance Security@25% of the value of Performance Security to the Local Micro & Small Enterprises (MSEs) and Start-up, as the same has been withdrawn by Government of Odisha vide Work Department Office Memorandum No.4281/W, Dtd.05.03.2025 . Some important dates for this tender process are as follows;

(i)	Document Sale Start Date	:	16.12.2025
(ii)	Last date for submission of clarification	:	20.12.2025 upto 03.00 P.M.
(iii)	Last date for submission of Bid	:	29.12.2025 upto 05.00 P.M
(iv)	Date & Time of opening of Technical Bid (Cover-I)	:	30.12.2025 at 11.30 A.M
(v)	Date & Time of opening of Financial Bid (Cover-II)	:	To be intimated later on

The selection of the Consultant shall be based on the Technical Qualification and Lowest Price (L₁) Quoted by the Bidder. Any addendum/corrigendum made for this assignment will be hosted in the above website only.

Query/Clarifications

Queries/ Clarifications if any, on the above RFP can be obtained from the following address;

**Directorate of Ports & Inland Water Transport,
Fortune Tower, Ground Floor, Zone-A,
Chandrasekharapur, Bhubaneswar-751023
Phone -0674-2300885,
Email: - portsniwt.od@nic.in**

The Directorate of Ports and Inland Water Transport, Odisha have reserves the rights to accept or reject any or all tender without assigning any reason and no correspondences shall be entertained in this regard. The authority, in no way shall be responsible for any postal/courier delay.

**Sd//
Director
Ports & IWT, Odisha**

Memo No. 4425 / Dtd. 11.12.2025 //

Copy submitted to the Deputy Director (Advertisement), I&PR Department, Odisha, Bhubaneswar for kind information with a request to publish the notice in 2(Two) leading Odia Daily and 2 (Two) English National Daily News Paper on or before **16.12.2025** for wide circulation.

**Sd//
Director
Ports & IWT, Odisha**

Memo No. 4426 / Dtd. 11.12.2025 //

Copy forwarded to the Director, Printing Stationary and Publication, Government of Odisha, Madhupatana, Cuttack-10 for information and necessary action. He is requested to arrange for publication in next issue of Odisha Gazette.

**Sd//
Director
Ports & IWT, Odisha**

Memo No. 4427 / Dtd. 11.12.2025 //

Copy forwarded to the Head State portal group, IT Centre Department of Information and Technology, Odisha, Bhubaneswar with a request to display the tender documents in the Website of Government of Odisha i.e. in <https://ct.odisha.gov.in> with facilities so as to enable the interested bidders to participate in the tender till the last date of sale and receipt i.e. **29.12.2025 up to 5.00 PM.**

**Sd//
Director
Ports & IWT, Odisha**

Memo No. 4428 (2) / Dtd. 11.12.2025 //

Copy submitted to the F.A.-cum-Additional Secretary to Government/ Additional Secretary to Government, Commerce & Transport (Com) Department, Odisha, Bhubaneswar for favour of information.

Sd//-
Director
Ports & IWT, Odisha

Memo No. 4429 (2) / Dtd. 11.12.2025 //

Copy submitted to the Collector and District Magistrate, Khurda / Superintendent of Police, Khurda for favour of kind information and necessary action.

Sd//-
Director
Ports & IWT, Odisha

Memo No. 4430 / Dtd. 11.12.2025 //

Copy forwarded to the Superintending Engineer, Inland Water Transport, Mechanical Division, Cuttack for information and necessary action.

Sd//-
Director
Ports & IWT, Odisha

Memo No. 4431 (3) / Dtd. 11.12.2025 //

Copy forwarded to the Superintending Engineer, Ports & IWT, Civil Division, Berhampur/ Executive Engineer, Fishery Engineering Division, Bhubaneswar/ Principal, Crew Training Institute, Chandbali, Bhadrak for information & wide circulation.

Sd//-
Director
Ports & IWT, Odisha

Memo No. 4432 (3) / Dtd. 11.12.2025 //

Copy to Estimator for information and necessary action/ Guard File for record and reference/Office Notice Board for wide circulation.

Sd//-
Director
Ports & IWT, Odisha



**Directorate of Ports & Inland Water Transport,
Zone-A, Ground Floor, Fortune Tower,
Chandrasekharapur, Bhubaneswar-751023
Phone: 0674-2300885, Email: - portsniwt.od@nic.in**

REQUEST FOR PROPOSAL (RFP) NOTICE

NO. 4424 /P & IWT, DATE. 11.12.2025 /

1. Name of the work :- Request for Proposal (RFP) for “Design, Drawing, Fabrication, Construction, Supply, Commissioning of 02 (Two) nos. Electric Ro-Pax Vessel on Turnkey Basis including Launching at the designated site”
2. Bid/Document Cost :- Rs.10,000/-
3. Bid Security/EMD :- Rs.2,00,000/-
4. Period of Completion :- 06 (Six) Calendar Months
5. Date & Time of availability of bid document :- 16.12.2025 to 29.12.2025 upto 05.00 P.M.
6. Date & Time of Bid Clarification :- 16.12.2025 to 20.12.2025 upto 03.00 P.M.
7. Last date for submission of Bid :- 29.12.2025 upto 05.00 P.M
8. Date & Time of opening of Technical Bid (Cover-I) :- 30.12.2025 at 11.30 A.M
9. Class of Contractor :- Registered Manufacturer/ Firms
10. Name and address of officer inviting Tender (OIT) :- Director, Ports & Inland Water Transport, Fortune Tower, Ground Floor, Zone-A, Chandrasekharapur, Bhubaneswar, Odisha, Pin-751023
Phone-0674-2390355, Fax-2396885.
e-Mail: - portsniwt.od@nic.in

Further details can be seen at <https://ct.odisha.gov.in/>

Any addendum/corrigendum will be published only on the above website.

**Sd//
Director
Ports & IWT, Odisha**

TERMS OF REFERENCE (TOR)

01. INTRODUCTION:

The Sagarmala Programme, launched by the Government of India, is a flagship initiative aimed at promoting holistic port-led development across the coastal regions of the country. Its focus extends beyond mere port expansion, encompassing industrialization, enhanced logistics efficiency, coastal community development, and sustainable maritime growth. By improving connectivity and harnessing the potential of water ways, Sagarmala seeks to transform India's maritime sector into a catalyst for economic growth and regional development.

This project will establish modern waterborne passenger and vehicle transportation systems in Odisha, integrating coastal and inland transport with port-led development goals under Sagarmala. To operationalize the project and provide safe, modern, and smooth navigation facilities, the deployment of Ro-Pax vessel is proposed. This vessel is designed to accommodate both passengers and vehicles, thereby providing multi-modal transport solutions. They will directly benefit local communities, traders, and tourists, ensuring reliability and safety in comparison to the existing unsafe country boat journeys.

The technical specifications of the proposed Electric Ro-Pax vessel are as follows:

(i)	Length Overall	:	16.00 Meters
(ii)	Breadth	:	06.00 Meters
(iii)	Depth	:	01.80 Meters
(iv)	Draught	:	0.60-0.70 Meters
(v)	Dead Weight	:	40 Metric Tons (approx.)
(vi)	Speed	:	7-8 Knots
(vii)	Battery system	:	Enough to achieve 3/4 hours Endurance in cruise speed
(viii)	Cruise Speed	:	5-6 Knots
(ix)	Endurance	:	3/4 hours in cruise speed
(x)	Carrying Capacity	:	01 mini bus, 01/02 car, 10 Motorbikes & Passengers
(xi)	Material	:	Steel (IS2062, G-B)
(xii)	Classification	:	Any IACS

These specifications ensure that the vessel will be robust enough to carry an enough load of passengers, Motor Cycles, LMV & light weight goods while maintaining safe navigability in local water conditions. The modern design features will also provide comfort and convenience for travelers and contribute to the development of sustainable water transport in Odisha.

02. OBJECTIVE:

The objective of this project is to procure state-of-the-art & first EV steel vessel project in Odisha. This “ELECTRIC” Ro-Pax vessel on a turnkey basis for ensuring end-to-end execution of the work.

The vessel is to be manufactured under the supervision by IRS or any other classification society under IACS member for Drawings, fabrication/construction, and inclination tests and stability at the Builders site /at the point of delivery along with the authorised representative of Department.

The vessel shall be designed and constructed in accordance with the latest standards of safety, efficiency, and sustainability, with the following key goals:

- ❖ To provide safe, reliable, and efficient passenger and vehicle transport across inland and coastal waterways of Odisha.
- ❖ To promote seamless connectivity and socio-economic development through improved maritime infrastructure.
- ❖ To ensure compliance with national and international maritime regulations, including quality, safety, and environmental norms.
- ❖ To develop vessel with optimal design, durability, and cost-effectiveness for long-term operation and maintenance.
- ❖ To enhance the State’s vision of strengthening maritime-led growth and integrated transport systems.

03. SCOPE OF SERVICES:

The selected Manufacturer/Firm shall be completely responsible for providing end-to-end services & technical illustration about the project to the department for the procurement of “Electric Ro-Pax Vessel, covering all phases from design to fabrication, construction, supply, commissioning, and post- delivery support.

The drawings, fabrication processes, water tightness tests, including inclination tests shall be duly certified by Any IACS (Preferred- Indian Register of Shipping (IRS), Lloyd’s, or any other equivalent classification society), during the manufacturing and trials.

The scope of services shall include, but not be limited to, the following:

a. Design & Engineering

- a) Preparation of conceptual, preliminary, and detailed drawings, designs, and technical specifications of the Ro-Pax vessel in line with operational requirements and best industry practices.
- b) Incorporation of modern design features to ensure efficiency, passenger comfort, safety, and durability of the vessel.
- c) Strict adherence to the latest maritime safety regulations, Inland Waterways Authority of India (IWAI) guidelines, Indian Register of Shipping (IRS)/Lloyd & equivalent classification society standards, and other statutory norms.
- d) Undertaking all procedures necessary for obtaining design approvals and clearances from the Directorate of Ports & Inland Water Transport (IWT), Odisha, classification societies, and any other competent regulatory authorities.

b. Fabrication & Construction

- a) Fabrication and construction of the vessel at a facility using certified raw materials and components that confirms to prescribe specifications.
- b) The vessel must be constructed in Odisha for better supervision and understanding of the project.
- c) Application of best shipbuilding practices, advanced welding and assembly techniques, and appropriate corrosion protection measures to ensure long service life.
- d) Implementation of a robust quality assurance plan (QAP) with regular inspections, trials, and testing at critical stages of fabrication and assembly, in the presence of representatives of the competent authority/consultant.
- e) Maintaining detailed records of materials, workmanship, and tests conducted for verification and audit purposes.

c. Supply & Delivery

- a) Timely supply and safe delivery of the fully constructed vessel to the designated project site in Odisha.
- b) Ensuring vessel is equipped with all machinery, propulsion systems, safety appliances, life-saving and fire-fighting equipment, navigation aids, electrical systems and on-board passenger/vehicle facilities as per the approved design. The same has to be approved by the department only during the delivery.
- c) Ensuring that the vessel meet the required endurance of up to 3-4 hours with efficiency, environmental compliance, and passenger safety.

d. Commissioning & Launching

- a) Conducting comprehensive trials, sea/river/lake/reservoir trials, load tests, maneuvering tests, and safety drills to demonstrate compliance with contractual performance parameters.
- b) Rectification of any defects or deficiencies identified during the trial phase prior to final acceptance.
- c) Formal commissioning and launching of the vessel at the designated site in the presence of authorized representatives of the Directorate of Ports & IWT, Odisha.
- d) The endurance & speed trial of the vessel shall be inspected by the department during the trial.
- e) Preparation and submission of trial reports, performance certifications, and compliance checklists for approval.

e. Documentation & Handover

- a) Submission of complete sets of operation manuals, technical drawings, maintenance schedules, test certificates, class certificates, and warranty documents for each vessel.
- b) Training of nominated personnel for the operation of electric vessel, navigation, safety procedures, maintenance, and troubleshooting of the vessel.

- c) Final handover of vessel in a fully operational, seaworthy, and regulatory-compliant condition, complete with all statutory clearances from relevant authorities.

f. Post-Delivery Support

- a) Providing comprehensive warranty support for the vessel for a **period of 24 (Twenty four) months**, including prompt attention to any defects, malfunctions, or performance-related issues.
- b) Ensuring the availability of electrical spares, technical support, and repair services for EV system during the warranty period.
- c) The shore charging facilities to be installed in the shore for charging of the vessels.
- d) Providing operation support for the vessel for a period of **24 (Twenty four) months** with optimum Nos. of Driver, EV system engineering & crews from the date of successful launching and assisting in the smooth transition to commercial operations.
- e) Successful bidder should be maintain office at respective location for smooth operations

Note: The required electric supply to be provided at the shore for operation of vessel is to be borne by the Owner Department

04. CONDITIONS OF CONTRACT

(a) Introduction

For the purposes of this Contract, unless the context otherwise requires, the following terms and expressions shall have the meanings assigned to them herein:

“Owner” shall mean the Government of Odisha, Commerce and Transport Department, represented by the Director, Ports and Inland Water Transport, Odisha, Bhubaneswar, who shall exercise overall control and authority over the works.

“Engineer” or “Engineer-in-Charge” shall mean the Superintending Engineer, Ports & Inland Water Transport, Mechanical Division, CDA, Sector-6, Bidanasi, Cuttack-14, or any of his duly authorized subordinates entrusted with responsibilities under this Contract.

“Representative” shall mean the individual appointed by the Owner and/or the Engineer-in-Charge as the Owner’s representative at the Shipyard where the Contract is to be executed or is under execution. This term shall include any Authorized Representatives, Engineers, or Consultants engaged by the Owner for this purpose.

“Contract” shall mean and include all documents forming part of the agreement, namely: the tender, the acceptance of tender, the approved drawings, and all annexures, schedules, and addenda thereto.

(b) Payment

Stage payments will be made as per the schedule given below;

Sl. No.	Description	Payment
(1)	(2)	(3)
01.	On approval of Detail Drawing, Design of the Vessel	10%
02.	On Completion of 20% Fabrication/ Construction of the vessel (Keel Lying)	10%
03.	On Completion of 40% Fabrication/ Construction of the vessel (Hull Frames)	10%
04.	On Completion of 60% Fabrication/ Construction of the vessel (Main Deck Completion)	10%
05.	On Completion of 80% Fabrication/ Construction of the vessel (Electrical Propulsion System & Control Panel)	15%
06.	On Completion of 100% Fabrication/ Construction of the vessel(All Machinery fittings)	15%
07.	After successfully Delivery at proposed location	10%
08.	After successfully launching, commissioning and trial run	15%
09.	After Successful Operation of 24 (Twenty-Four) months from date of launching.	5%
	TOTAL	100%

GST as applicable due on the charges for the services being provided by Manufacturer would be deducted at source by the paying authority from each payment.

N.B.: Each stage payment will be released after inspection by the purchaser/ authorized person.

(c) Completion Period:

The completion period for the procurement of **Electric Ro-Pax Vessel**, inclusive of detailed design, drawing preparation, fabrication/construction, supply, commissioning, and launching at the proposed site, is fixed at **06 (Six) months** from the date of signing of the Agreement or issuance of the Work Order, whichever occurs earlier. This timeline has been determined keeping in view the technical complexity, regulatory approvals, and operational requirements of the vessel, while ensuring efficient execution and timely delivery. The entire scope of work is to be carried out in a phased manner so that each stage progresses seamlessly into the next, without compromising on quality or safety standards.

(d) Insurance

The Manufacturer/Firm shall, at its own cost, arrange and maintain comprehensive insurance coverage for the vessel under construction, together with all associated machinery, materials, plans, drawings, and any other items used or intended for use in the construction and outfitting of the vessel. Such insurance shall be taken in the joint name of the Owner/Engineer-in-Charge and the Manufacturer/Firm, for an amount not less than 100% of the full replacement value of the insured assets, through an insurance office/agency approved by the Owner/Engineer-in-Charge.

The insurance policy shall provide protection against all potential risks, including but not limited to fire, natural calamities, launching risks, and any other perils commonly covered during the construction phase, together with extended coverage for war risks and allied hazards. This coverage shall remain effective throughout the construction period and until the vessel are formally accepted by the Owner/Engineer-in-Charge.

The Manufacturer/Firm shall produce, whenever requested, copies of the insurance policy and valid proof of premium payment for verification by the Owner/Engineer-in-Charge. In the event of a constructive total loss, the Owner/Engineer-in-Charge shall be duly indemnified to the extent of the full benefits under the policy, consistent with the contract price instalments already released to the Manufacturer/Firm.

(e) Indemnity

The selected Consultant shall indemnify and hold harmless the Commerce & Transport Department, the Directorate of Ports & Inland Water Transport, Odisha, and the Odisha Maritime Board from and against all claims, losses, or damages arising at any time due to the infringement of any rights, whether in relation to the services provided or their use, as well as for any direct loss or damage caused to the aforesaid authorities.

(f) Force Majeure

Neither party shall be held liable for failure to perform its contractual obligations, except for payments due, if such failure arises from a Force Majeure Event beyond its reasonable control. Force Majeure includes, but is not limited to: natural calamities (flood, fire, cyclone, earthquake, epidemic, pandemic); war, invasion, armed conflict, terrorism, sabotage, blockade, or embargo; civil disturbances, riots, insurrections, or military operations; acts or restrictions of Government or State authorities (including changes in law or trade prohibitions); large-scale industrial disturbances (excluding those limited to the affected party's workforce); or any other unforeseeable and uncontrollable event making performance impossible. The affected party shall notify the other in writing within seven (07) days of occurrence, with details and supporting evidence, and shall take reasonable steps to mitigate impact and resume obligations promptly. Obligations suspended due to Force Majeure shall be extended for the period of disruption. If the event continues for more than ninety (90) days, either party may terminate the Agreement without liability, by written notice. Force Majeure shall not cover financial incapacity, lack of funds, cost escalation, or non-performance due to negligence, omission, or wilful misconduct. Other events beyond the reasonable control of the affected party.

(g) Inspection by Representative & Engineer

The Manufacturer/Firm shall provide the Engineer and his authorized representatives with full access and reasonable facilities to inspect and test all materials, machinery, and workmanship utilized or intended to be utilized in the construction and outfitting of the vessel. The Manufacturer/Firm shall also ensure the attendance of the Owner/Engineer-in-Charge during vessel trials and shall, at no additional cost, make available the necessary apparatus, materials, tools, or labor required to facilitate such inspection and testing.

It is expressly clarified that any inspection or testing carried out by the Owner/Engineer or their representatives at the Manufacturer/Firm's premises or at the shipyard prior to delivery shall in no way limit or affect the Owner's right to conduct further inspection and to reject the vessel at the designated delivery site, should it be found non-compliant with the prescribed specifications.

(i) Progress Report

The Manufacturer/Firm shall be responsible for keeping the Owner/Engineer-in-Charge fully informed of the progress of work throughout the duration of the contract. To this effect, the Manufacturer/Firm shall submit periodic progress reports, in a format and frequency prescribed or agreed upon by the Owner/Engineer-in-Charge. These reports shall present a clear and comprehensive comparison between the actual rate of progress achieved and the approved construction programme, covering all aspects of vessel construction, including hull fabrication, machinery installation, outfitting, testing, and trials.

In the event that the progress of any component of work, whether related to the vessel's structure, machinery, or systems, falls behind the approved programme, the progress report must also highlight the reasons for such delay along with the corrective measures undertaken by the Manufacturer/Firm to bring the work back on schedule. The report should specifically indicate the steps taken, such as deployment of additional resources, adjustment of work sequences, or other remedial actions, to ensure timely completion in line with the contractual completion period.

The submission of accurate and timely progress reports will be treated as an essential contractual obligation, as it enables the Owner/Engineer-in-Charge to monitor performance, identify potential risks, and exercise necessary oversight to safeguard the timely and successful completion of the vessel.

Liquidate Damages: INR 25,000 per week and a maximum of up to 5% may be deducted, in case of delay in delivery

05. MINIMUM ELIGIBILITY CRITERIA:

In order to ensure that only competent and technically qualified bidders participate in this procurement, the proposals will be invited from registered and reputed manufacturers/firms who meet the following minimum eligibility criteria:

(a) Legal Status & Registration

- i The bidder must be a registered Firm/Manufacturer or a Shipyard having expertise in manufacturing of similar RO-RO or Ro-Pax vessel.
- ii The bidder shall provide a valid Certificate of Incorporation/Registration, along with necessary statutory licenses.
- iii Joint Ventures Not Allowed for this work.

(b) Experience in Vessel Construction

- i. The bidder must have successfully designed, built, and supplied at least two (2) Ro-Ro / Ro-Pax vessel or equivalent ships during the **last seven (07) years** to any Govt./PSU/Semi Govt. If the bidder supplied to any Private party, then the vessel construction must have under Any IACS society (Indian Register of Shipping (IRS), Lloyd's, or any other equivalent classification society.
- ii. Documentary proof in the form of Work order, completion certificates & delivery notes for Govt. order and class approval certificates, trial & launching proof & TDS certificate must be submitted along with the documents, failing which the bid shall be rejected by the authorities.

(c) Technical Capability

- i The bidder must possess adequate in-house design and engineering facilities or have formal tie-ups with a recognized design house/ naval architect for preparation and approval of vessel drawings and designs.
- ii The bidder must have technically sound to brief about the EV propulsion system, power calculation and post delivery services.

- iii The bidder must have facilities for fabrication, assembly, testing, and quality control conforming to classification society standards.

(d) Financial Capacity

- i The bidder should have achieved minimum annual financial turnover of Rs.4.00 Crores in any one financial year during the last three (03) financial years ending 31st March 2025.
- ii The bidder must have a positive net worth as on the last audited balance sheet date.
- iii Audited financial statements, along with CA certificates, must be submitted as proof.

(e) Compliance & Certifications

- i. The bidder must be compliant with all applicable Indian maritime regulations, Inland Water Transport (IWT) norms.
- ii. The bidder should have valid ISO 9001:2015 (Quality Management System) certification or equivalent.
- iii. The completion certificates & work order to be submitted along with the bid documents.
- iv. The vessel offered must conform to safety, environmental zero emission systems, pollution free & enough endurance.

(f) Past Performance & Track Record

- i. The bidder must not have been blacklisted or debarred by any Central/State Government agency, Public Sector Undertaking, or Autonomous Body at the time of submission of the bid.
- ii. A self-declaration that all the documents enclosed is genuine & right. A legal action may be taken & the bidder shall be blacklisted for minimum 5 years by the authorities, in case of any fault/manipulation in the documentations.
- iii. A self-declaration to this effect shall be furnished.

(g) Human Resource Capability

- i. The bidder should have qualified Naval Architects, Marine Engineers, and Technical Supervisors in their permanent employment or under valid contracts.

(h) Other Requirements

- i. The bidder shall submit an undertaking confirming their ability to provide complete Electric Propulsion System, warranty, after-sales service, EV spares, and technical support for the specified warranty period.
- ii. The bidder must agree to deliver the vessel in accordance with the delivery schedule specified in the RFP.

06. SELECTION CRITERIA

- i. The Technical Scoring Criteria is as follows:

Sl. No.	Evaluation Parameter	Criteria	Maximum Marks
(1)	(2)	(3)	(4)
01.	Experience in Vessel Construction	<ul style="list-style-type: none">❖ Experience in design, construction, and supply of Ro-Ro / Ro-Pax vessel in the last 7 years.❖ More weightage for Ro-Pax / Ro-Ro vessel of ≥ 16m LOA.<ul style="list-style-type: none">• Scoring:- 2 qualifying vessel = 20 marks- 3-4 vessel = 25marks- 5 or more vessel = 30 mark	30 Marks
02.	Technical Capability & Infrastructure	<ul style="list-style-type: none">❖ Existence of in-house design & engineering facilities.❖ Availability of shipyard/fabrication facilities with modern equipment.❖ Quality control systems, testing facilities, and classification approvals.<ul style="list-style-type: none">• Scoring:- Basic facilities = 10 marks- Comprehensive in-house facilities + approvals = 20 marks	20 Marks

03.	Financial Strength	<ul style="list-style-type: none"> ❖ Annual turnover of ₹4.00 Cr minimum in any one financial year during the last 3 years. ❖ Positive net worth. ❖ Higher turnover/stronger financials get higher marks. <p>• Scoring:</p> <ul style="list-style-type: none"> - ₹4-5 Cr = 10 marks - ₹5-10 Cr = 15 marks - Above ₹10 Cr = 20 marks 	20 Marks
04.	Compliance & Certifications	<ul style="list-style-type: none"> ❖ Possession of valid ISO 9001:2015 certification or equivalent ❖ Compliance with IRS/ Lloyds/ Equivalent classification society norms. ❖ Adherence to safety, environmental, and fuel efficiency standards. <p>• Scoring:</p> <ul style="list-style-type: none"> - Meets basic statutory norms = 5 marks - Holds ISO + classification compliance = 10 marks 	10 Marks
05.	Human Resource Capability	<ul style="list-style-type: none"> ❖ Availability of qualified Naval Architects, Marine Engineers, Technical Supervisors in permanent employment or under valid contracts. ❖ Evaluation based on number, qualification, and experience of proposed personnel. <p>• Scoring:</p> <ul style="list-style-type: none"> - Minimum requirement = 5 marks - Strong, experienced technical team = 10 marks 	10 Marks
06.	Project Execution Plan	<ul style="list-style-type: none"> ❖ Assessment of methodology, work plan, project management framework, and delivery schedule. 	10 Marks

		❖ Demonstrated ability to deliver vessel within timelines. • Scoring: – Generic plan = 5 marks – Detailed, realistic, and comprehensive plan = 10 marks	
		TOTAL SCORE	100 MARKS

- ii. The selection of the Consultant shall be based on the Technical Qualification and Lowest Price (L₁) Quoted by the Bidder.
- iii. The Bidders scoring **at least 70 marks** in the Technical Scoring shall be considered for Financial Opening.
- iv. The Financial Bid of the Bidders scoring **less than 70%** in technical qualification criteria will not be opened
- v. The selection of the Consultant shall be based on the fulfilling the Technical Qualification and **Lowest Price (L₁)** quoted by the Consultancy Firms.
- vi. If the **L₁** Firm does not technically qualify or does not turn up execution of agreement after finalization of the RFP, the **L₂** Firm who fulfils the Technical Qualification called for signing of agreement for the above work subject to condition that the **L₂** firm negotiates at par with the quoted rate by the L₁ Firm, otherwise the RFP will be cancelled.

07. BID SUBMISSION:

- i Preparation of Tender documents

Tender document shall consist of both 1) Technical Proposal and 2) Financial Proposal.
- ii In preparing the Technical Proposal, bidders are expected to examine the documents comprising these Tender in detail.
- iii The Technical proposal should be submitted as per the information using the attached Technical Bid Format I and Financial bid should be submitted in Financial bid Format II. The intending bidders **should also submit the following necessary documents** apart from technical bid format I and

financial bid format II. All these technical documents have to be submitted in sealed envelope clearly mentioning the RFP number with in the specified date and venue as mentioned in the table of schedule of date and information mentioned earlier.

(a) Non-refundable document cost of **Rs.10,000/- (Rupees Ten Thousand) only in shape of Demand Draft** from any Scheduled/ Nationalized Bank drawn in favour of Director, Ports and Inland Water Transport, Odisha, Bhubaneswar payable at Bhubaneswar.

(b) Earnest Money Deposit (EMD)

➤ EMD in shape of Term Deposit from any Nationalised/ Scheduled Bank/ National Savings Certificate (NSC) duly pledged in favour of Director, Ports and Inland Water Transport, Odisha, Bhubaneswar payable at Bhubaneswar for **Rs.2,00,000/- (Rupees Two Lakh) only**, failing which the bids will not be considered

➤ EMD of unsuccessful bidder will be returned as promptly as possible after the expiry of the period of proposal validity or execution of Agreement with the Director, Ports and Inland Water Transport, Odisha, Bhubaneswar by the successful Bidder whichever is earlier. No interest will be paid on EMD.

The EMD may be forfeited:

- (a) if a Bidder withdraws its proposal during the period of validity of the proposal
- (b) in case of a successful bidder, if the bidder fails to execute the work assigned.

(c) Legal Status & Registration

- i. Copy of Certificate of Incorporation / Registration of the shipbuilding firm / shipyard.
- ii. Valid License / Recognition Certificate issued by Directorate General of Shipping, Govt. of India or any equivalent statutory body if any.
- iii. Copy of PAN, GST Registration, and CIN (if applicable).

(d) Experience in Vessel Construction

- i. Completion Certificates / Delivery Notes from clients clearly indicating vessel type, size ($\geq 16\text{m}$ LOA), and year of delivery.
- ii. Photographs, Brochures, or Technical Particulars of completed vessel.
- iii. Copies of Classification Society Approval Certificates (IRS/Lloyds/Equivalent) for the delivered vessel if the vessel has supplied to any private party.
- iv. Client Performance / Appreciation Letters & Class certificates, stability booklet approved by class, TDS certificate & performance report must be submitted with work order, if available.

(e) Technical Capability

- i. Details of in-house design and engineering facilities (organization chart, equipment list, software, tools).
- ii. The details of EV propulsion system and power calculation for 4 hours endurance.
- iii. In case of tie-up: MoU/Agreement with Design House / Naval Architect.
- iv. Details of fabrication, assembly, testing, and quality control facilities (yard layout, machine list, workshop approvals, etc.).
- v. Copy of valid approvals from IRS / Lloyds or equivalent classification societies for facilities if any.

(f) Financial Capacity

- i. Audited Financial Statements (Balance Sheet, P&L Account, Cash Flow) for the last 3 financial years (FY 2022–23, FY 2023–24, FY 2024–25) certified by a Chartered Accountant having **Unique Document Identification Number (UDIN)** Number
- ii. Copy of latest Income Tax Return (ITR) Acknowledgement.

(g) Compliance & Certifications

- i. Copy of valid ISO 9001:2015 certificate (or equivalent).

- ii Copies of Classification Society Approvals (IRS, Lloyds or equivalent, in case of private work order if any).
- iii Declaration of compliance with Indian maritime regulations and IWT norms.
- iv Evidence of compliance with safety, environmental etc. (certificates, type approvals, or test reports, if available).

(h) Past Performance & Track Record

- i. Self-declaration on company letterhead, duly signed by Authorized Signatory, stating that the bidder has not been blacklisted or debarred by any Government / PSU / Autonomous Body.
- ii. List of on-going and completed projects during the last 7 years with client details.

(i) Human Resource Capability

- i. List of Key Personnel (Naval Architects, Marine Engineers, Technical Supervisors) with designation and roles.
- ii. Copies of professional qualifications / competency certificates (where applicable).

(j) Other Requirements

- i. Undertaking on company letterhead confirming:
 - a. Commitment to provide warranty, after-sales service, spares, and technical support for the specified period.
 - b. Adherence to the delivery schedule specified in the RFP.
- ii. Draft Warranty & Support Plan (EV spares availability, service centres, response time, etc.).
- iii. Tech. expert & EV spares must be available at the site.

iv **FINANCIAL BID**

- ❖ The agency shall quote lump sum fees for the project as per **Financial Bid**
- ❖ **Currencies of Bid** : The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees

08. VALIDITY OF PROPOSAL

Proposals shall remain valid for **90 (Ninety)** Days from the last date of bid submission

09. AGREEMENT:

The selected firm has to sign an agreement with the Director, Ports and Inland Water Transport, Odisha, Bhubaneswar, Govt. of Odisha.

10. RIGHT TO TERMINATION

- (a) The Directorate of Ports & Inland Water Transport, Odisha (hereinafter referred to as the "Client") reserves the absolute right to terminate this Agreement, in whole or in part, at any stage of its validity if the performance of the Manufacturer/Firm is found to be unsatisfactory, non-compliant with the agreed terms, or detrimental to the interests of the Project.
- (b) Either party shall have the right to terminate this Agreement by giving the other party not less than one (01) month's prior written notice. Upon such termination, both parties shall be released from further obligations under this Agreement, except for those which expressly survive termination.
- (c) Termination under this Clause shall be without prejudice to any other rights or remedies available to the Client under applicable law, including the right to claim damages or invoke performance guarantees, wherever applicable.

11. RIGHT TO ACCEPT / REJECT ANY APPLICATIONS

The Directorate of Ports & Inland Water Transport, Odisha reserves the right, without any obligation or liability, to accept or reject any or all proposals at any stage of the process. It may also cancel, amend, or modify the process, in whole or in part, or alter any of the terms and conditions at any time, without assigning any reason whatsoever.

12. DISPUTES

All legal disputes are subject to the jurisdiction of Bhubaneswar courts only.

13. AWARD OF WORK

Upon selection, a Letter of Acceptance (LOA) shall be issued in duplicate by the Directorate of Ports and Inland Water Transport, Odisha to the Selected Applicant. The Selected Applicant shall acknowledge the same by signing and returning one duplicate copy of the LOA within seven (07) days of its receipt.

14. EXECUTION OF AGREEMENT

After acknowledgement of the LOA as aforesaid by the Selected Applicant, the Agreement will be executed with Director, Ports and Inland Water Transport, Odisha within a period of 15 (Fifteen) days from the date of issuance of LOA.

15. COMMENCEMENT OF ASSIGNMENT

The Manufacturer shall commence the Services within Seven (7) days from the date of signing of the Agreement.

16. BIDDING PROCEDURE

- (i) Bidders are requested to download the RFP Document from the Commerce & Transport Department, Government of Odisha **<https://ct.odisha.gov.in/>** or can be collected from Directorate, Ports and Inland Water Transport, Odisha, Bhubaneswar during office hours in all working days.
- (ii) Bidders are requested to submit their Bid in the following address through Speed Post/ Registered Post/ Courier/ by Hand.

**Directorate of Ports & Inland Water Transport,
Fortune Tower, Ground Floor, Zone-A,
Chandrasekharpur, Bhubaneswar-751023
Phone -0674-2300885,
Email: - portsniwt.od@nic.in**

The Director, Ports and Inland Water Transport, Odisha, Bhubaneswar will not be held responsible for any postal/Courier delay. No Bid will be entertained after due date and time of submission.

- (iii) The last date for receipt of the bid is **29.12.2025 upto 05.00 PM**. The Bid will be submitted in the above address on or before the due date and time.
- (iv) The **RFP** shall be opened on **30.12.2025 at 11.30 A.M.** by the undersigned in the Directorate, Ports and Inland Water Transport, Odisha, Bhubaneswar in presence of bidders or their authorised representatives who wish to attend. Bidders who participated in the bid can witness the opening of bid. If the office happens to be closed on the date of opening of Bids as specified, the bids will be opened on the next working day at the same venue.

- (v) Any Addendum / Corrigendum / Notice etc. for this assignment issued by Directorate of Ports and Inland Water Transport, Odisha, Bhubaneswar will be hosted only in the website of Commerce & Transport Department, Government of Odisha **<https://ct.odisha.gov.in/>**
- (vi) The authority reserves the right to reject any or all bids without assigning any reason thereof.

**Sd/-
Director
Ports & IWT, Odisha**

TECHNICAL BID FORMAT-I

PART I – GENERAL INFORMATION

Name of the Bidder : _____
Registered Address : _____
Telephone / Mobile No. : _____
Email ID : _____
PAN No. : _____
GST No. : _____
Registration No. : _____
Name & Designation of Authorized Signatory: _____
RFP Number : _____

PART II – DOCUMENT FEE & EMD DETAILS

Particulars Details

01. Document Fee (₹10,000/- Demand Draft)

DD No. _____ Date: // _____

Bank: _____

02. Earnest Money Deposit (₹2,00,000/-)

Instrument Type: Term Deposit / NSC

DD No. _____ Date: // _____

Bank: _____

Pledged in favour of Director, of Ports & IWT, Odisha, Bhubaneswar

Validity _____

PART III – EXPERIENCE IN VESSEL CONSTRUCTION

Sl. No.	Client Name & Address	Vessel Type (Ro-Ro/ Ro-Pax etc.)	Length Over All (LoA)	Capacity (Tonnage)	Year of Delivery	Classification Society	Copy of Completion certificate Attached (YES/ NO)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

PART IV – TECHNICAL CAPABILITY & INFRASTRUCTURE

01. Design Facilities:

- ✓ In-house / Tie-up (provide details)
- ✓ Software/Tools available for EV system
- ✓ Naval Architects employed (Names & qualifications)
- ✓ EV propulsion system & technology

02. Fabrication & Assembly Facilities:

- ✓ Yard Location(s) with Area & Capacity
- ✓ Dry Dock/Slipway/Launching Facilities
- ✓ Major Equipment/Machinery List (attach as annexure)

03. Quality Control & Testing Facilities:

- ✓ (Non-Destructive Testing), Hydro Testing, Sea Trial Equipment available
- ✓ Classification Society approvals (attach copies) if any.

PART V – FINANCIAL CAPACITY

Provide details of financial strength (attach audited balance sheets & P&L for last 3 (Three) years, certified by Chartered Accountant with UDIN).

Financial Year	Annual Turnover	Name of the certified Charter Accountant	Supporting Documents
(1)	(2)	(3)	(4)
2022-2023			
2023-2024			
2024-2025			

PART VI – HUMAN RESOURCES CAPABILITY

Sl. No.	Name	Designation	Qualification	Total Experience	Relevant Project Experience	Proof Attached (Yes/ No)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.	Naval Architect					
02.	Marine/ Mechanical Engineer					
03.	Project Manager					

PART VII – COMPLIANCE/ CERTIFICATIONS

- ❖ ISO 9001:2015 (Yes/No, attach copy)
- ❖ IRS/Lloyds/Any other approvals (attach copy)
- ❖ Declaration of compliance with Indian maritime & IWT norms (attach)
- ❖ Safety/Environment/Fuel Efficiency certificates (if any)

PART VIII- PAST PERFORMANCE/ TRACK RECORD

- ❖ List of Completed Projects with completion certificates / class certificate (last 7 years)
- ❖ List of Ongoing Projects (with stage of progress)
- ❖ Declaration of Not Blacklisted / Not Debarred on company letterhead.

PART IX- UNDERTAKING/ OTHER REQUIREMENT

- ❖ Undertaking for warranty, after-sales service, EV spares & technical support & support for EV propulsion system.
- ❖ Commitment to adhere to the RFP delivery schedule.
- ❖ Draft Warranty & Support Plan attached (Yes/No).
- ❖ Undertaking regarding No relation Certificate with Owners Department.

PART X- DECLARATION

I/We hereby declare that the information provided above is true and correct to the best of my/our knowledge. In case of any misrepresentation or false information, our bid is liable for rejection.

Authorized Signatory

Name: _____

Designation: _____

Seal/Stamp of Bidder

Date: // _____

FINANCIAL BID FORMAT

**(To be submitted in a separate sealed envelope clearly marked as
“FINANCIAL BID”)**

RFP No.: _____/ , Date _____/

Name of Work: **Request for Proposal (RFP)** for **“Design, Drawing, Fabrication, Construction, Supply, Commissioning of 01 (One) no. Electric Ro-Pax Vessel on Turnkey Basis including Launching Kalinali”**

01. Bidder Details

Name of Bidder / Firm: _____

Address: _____

Contact Person: _____

Email / Mobile: _____

GSTIN: _____

02. Price Schedule

Sl. No.	Name of the work	Unit Price (Amount in INR)	Total Price (Amount in INR)
(1)	(2)	(3)	(4)
01.	Supply of Electrical RO-PAX Vessel including Preparation of Drawing, Design, Fabrication/Construction, Supply & Commissioning/Launching at Kalinali		
02	Delivery Charges for Respective Site		
03	Providing comprehensive warranty support for the vessels for a period of 24 (Twenty four) months , including prompt attention to any defects, malfunctions, or performance-related issues.		
04	Providing operation support for the vessel for a period of 24 (Twenty four) months with optimum Nos of Driver & crews from the date of successful launching and assisting in the smooth transition to commercial operation		
TOTAL			
APPLICABLE TAXES @ _____			
GRAND TOTAL			
Amount in word: (Rupees _____) only			

03. Notes & Conditions

- ❖ The quoted rates shall be firm and fixed for the entire duration of the contract and inclusive of all costs such as manpower, materials, consumables, machinery, testing, insurance, packing, transportation, delivery, commissioning, and any other incidental expenses.
- ❖ Taxes & duties shall be quoted separately and will be paid as per actuals against documentary evidence.
- ❖ No escalation on prices will be allowed during the contract period.
- ❖ Prices should be quoted in Indian Rupees (INR) only.
- ❖ In case of discrepancy between figures and words, the amount written in words shall prevail.
- ❖ The Bidder shall ensure that the Grand Total is correctly calculated and matches the breakup.

04. Declaration by Bidder

I/We hereby declare that:

- ❖ The prices quoted above are in conformity with the RFP conditions.
- ❖ All statutory obligations, duties, levies, and compliance requirements have been considered.
- ❖ The quoted price is inclusive of warranty, after-sales service, and support as per the RFP.
- ❖ I/We agree to abide by this offer for a period of 90 days from the last date of submission.

Authorized Signatory with Seal

Name: _____

Designation: _____

Date: _____