



GOVERNMENT OF ODISHA
DIRECTORATE OF PORTS & INLAND
WATER TRANSPORT, ODISHA, BHUBANESWAR

REQUEST FOR PROPOSAL (RFP)

RETROFITTING OF ELECTRIC PROPULSION SYSTEM
ON THE EXISTING 02 (TWO) NOS. 10 SEATER PASSENGER BOATS
AT BALUGAON, ODISHA





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

NO. 379 /P & IWT, DATE. 28.01.2026 /

**REQUEST FOR PROPOSAL (RFP)
FOR
RETROFITTING OF ELECTRIC PROPULSION SYSTEM FOR EXISTING
PASSENGER FERRIES AT BALUGAON**

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 “Retrofitting of Electric Propulsion System for existing Passenger ferries at Balugaon in Khordha District”

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 **02.02.2026 to 11.02.2026 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.1,00,000/- (Rupees One 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of the value of Performance Security to the Local Micro & Small Enterprises (MSEs) and Start-up, as the same has been withdrawn by Government of Odisha vide Work Department Office Memorandum No.4281/W, Dtd.05.03.2025 .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	:	02.02.2026
(ii)	Last date for submission of clarification	:	06.02.2026 upto 03.00 P.M.
(iii)	Last date for submission of Bid	:	11.02.2026 upto 05.00 P.M
(iv)	Date & Time of opening of Technical Bid (Cover-I)	:	12.02.2026 at 11.30 A.M
(v)	Date & Time of opening of Financial Bid (Cover-II)	:	To be intimated later on

The selection of the Bidder/Firm/Manufacturer 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. 380 /Dtd. 28.01.2026 //

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 **02.02.2026** for wide circulation.

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

Memo No. 381 /Dtd. 28.01.2026 //

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. 382 /Dtd. 28.01.2026 //

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. **11.02.2026 up to 5.00 PM.**

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

Memo No. 383 /Dtd. 28.01.2026 //

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

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

Memo No. 384 (2) /Dtd. 28.01.2026 //

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. 385 /Dtd. 28.01.2026 //

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

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

Memo No. 386 (3) /Dtd. 28.01.2026 //

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. 387 (3) /Dtd. 28.01.2026 //

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. 379 /P & IWT, DATE. 28.01.2026 /

1. Name of the work :- **Request for Proposal (RFP) for “Retrofitting of Electric Propulsion System for existing Passenger ferries at Balugaon in Khordha District”**
2. Bid/Document Cost :- **Rs.10,000/-**
3. Bid Security/EMD :- **Rs.1,00,000/-**
4. Period of Completion :- **01 (One) Calendar Month**
5. Date & Time of availability of bid document :- **02.02.2026 to 11.02.2026 upto 05.00 P.M.**
6. Date & Time of Bid Clarification :- **02.02.2026 to 06.02.2026 upto 03.00 P.M.**
7. Last date for submission of Bid :- **11.02.2026 upto 05.00 P.M**
8. Date & Time of opening of Technical Bid (Cover-I) :- **12.02.2026 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:

Inland Water Transport (IWT) is widely recognized as an energy-efficient, cost-effective, and environmentally sustainable mode of transport, suitable for both passenger movement and bulk haulage along waterways. It offers lower energy consumption, reduced greenhouse gas emissions, minimal infrastructure requirements, and significant employment opportunities. Odisha, with its extensive network of rivers, lakes, reservoirs, canals, backwaters, and coastal lagoons, holds substantial potential for the development and expansion of IWT services. Passenger boats operating on these waterways play a crucial role in connecting remote and water-locked areas, promoting tourism, and supporting socio-economic development. In line with the State's commitment to green mobility, climate action, and energy efficiency, retrofitting existing passenger boats with solar panels and electric propulsion systems is being considered. Such retrofitting can reduce emissions, lower fuel consumption, cut operational costs, and simultaneously enhance passenger safety and comfort.

As part of these initiatives, the retrofitting of electric propulsion systems for existing 02 (Two) nos. **10-seater passenger ferries at Balugaon** will be undertaken on a pilot basis. This project is great significance as it will not only reduce carbon footprint but will also reduce running cost and boost local business opportunities in the project areas.

The technical specifications of the proposed vessel for Retrofitting with electric propulsion are as follows:

(i) Length Overall	:	10.00 Meters
(ii) Breadth	:	02.50 Meters
(iii) Depth	:	01.00 Meters
(iv) Draught	:	0.50-0.60 Meters
(v) Carrying Capacity	:	1.5tons
(vi) Speed	:	8 Knots-10 Knots

The Technical Specifications of the Retrofit Kit as mentioned below:

- a) The Outboard Motor should be a AC Induction Motor with Air-cooled Heat dissipation Design
- b) The Motor should be able to give Continuous power of 7.5KW minimum and Peak torque of 20KW for 10-15secs
- c) The Motor Controller for the drive should be also Air-Cooled and both Motor & Controller should IP65 ingress protection.
- d) The Motor should have capability to go to 7000rpm.
- e) The Motor Controller should be programmable to limit motor parameters as required by the Boat Propeller design.
- f) The Motor should have inbuilt Temperature protection to cut-off the motor at over-temperature.
- g) The Battery Pack should be ARAI or IRS Type Certified. For the above Boat it should have capacity to give a Range of 40 Kms with one single Charge.
- h) The Battery Pack should be with LFP Cells and integrated programmable BMS.
- i) The Battery Pack should be supported by Light weight Flexible Solar Panels (5-6 panels) through an MPPT Controller.
- j) The Solar panels must be installed on Fabricated Frame which will also provide adequate shade to the Passengers but staggered to ensure there is no Sail Effect due to wind.

02. OBJECTIVE:

The primary objective of this project is to pilot the retrofitting of existing 10-seater passenger ferries with advanced electric propulsion systems integrated with solar energy solutions. This initiative aims to transform inland water transport in Odisha into a more energy-efficient, environmentally sustainable, and cost-effective mode of transportation. By reducing fuel consumption and greenhouse gas emissions, the project seeks to contribute to climate action and the state's green mobility goals. At the same time, it will enhance passenger safety, comfort, and reliability of ferry operations, while demonstrating the feasibility and benefits of clean, renewable-based propulsion systems. The pilot project will serve as a model for scaling

up similar interventions across other waterways in the state, supporting socio-economic development, promoting eco-tourism, and fostering innovation in inland water transport.

03. SCOPE OF SERVICES:

The scope of services under this pilot project shall include the following:

1. Survey & Design

Conduct technical inspection and assessment of the existing 10-seater passenger ferry at Balugaon and prepare retrofit design, system layout, and integration drawings in compliance with applicable inland vessel safety and regulatory standards.

2. Supply & Installation of Electric Propulsion System

Supply, install, and integrate AC induction electric outboard motor(s), motor controller(s), and associated components as per the prescribed technical specifications.

3. Battery & Energy Storage System

Supply and install certified LFP battery pack(s) with integrated BMS, capable of providing a minimum operational range of 40 km on a single charge, including all safety and protection systems.

4. Solar Power Integration

Supply and install lightweight flexible solar panels with MPPT controller on a fabricated supporting structure providing passenger shade without sail effect, and integrate the same with the battery system.

5. Testing & Commissioning

Carry out complete installation, integration, testing, and on-water trials to ensure performance, safety, speed, and operational reliability.

6. Training & Documentation

Provide basic training to operators and maintenance personnel and supply operation manuals, maintenance guidelines, and technical documentation.

7. Warranty & Support

Provide warranty for all supplied systems and technical support during the pilot operational period.

8. **Reporting**

Submit completion and performance reports highlighting operational parameters, energy savings, and recommendations for future scaling.

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 Retrofit Kit	10%
02.	On Completion of manufacturing of the Electric Propulsion OBM and battery Packs	20%
03.	After successfully Delivery at proposed location	20%

04.	After successfully Installation and commissioning of the Retrofit Kits on the Existing Boats	30%
05.	After Successful Operation of 30 days from date of Installation and Commissioning	20%
	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 entire scope of work under this Contract shall be completed within **01 (One) months** from the date of issue of the Work Order or Letter of Acceptance. The completion period shall include survey, design, supply, installation, testing, commissioning, and successful operation as specified. Extension of time, if any, shall be governed by the provisions of the Contract.

(d) Indemnity

The Contractor shall indemnify and hold harmless the Government of Odisha and its officers from all claims, losses, damages, liabilities, or expenses arising from injury, death, property damage, defective design, materials, installation, statutory non-compliance, environmental harm, or intellectual property infringement related to execution and operation of the Contract.

(e) Force Majeure

Neither party shall be liable for delay or failure in performance of contractual obligations caused by Force Majeure events beyond reasonable control, including acts of God, floods, cyclones, earthquakes, fire, war, riots, strikes, epidemics, pandemics, government orders, or other natural or man-made calamities. The affected party shall promptly notify the other in writing. Contractual time for performance shall be extended for the duration and impact of such Force Majeure events.

(f) Inspection by Representative & Engineer

The Owner's Representative and the Engineer-in-Charge, or their authorized nominees, shall have the right at all reasonable times to inspect, test, and examine the design, materials,

equipment, workmanship, manufacturing processes, installation, and commissioning of the retrofit systems under this Contract. The Contractor shall provide full access, necessary facilities, tools, documents, and assistance for carrying out such inspections. Any defects, deviations, or deficiencies noticed during inspection shall be promptly rectified by the Contractor at his own cost, without affecting the Contract schedule or price.

(g) Progress Report

The Contractor shall submit periodic progress reports to the Engineer-in-Charge detailing the status of works under the Contract. The report shall include physical and financial progress, milestones achieved, activities completed, activities in progress, materials procured, testing and inspection status, issues encountered, and corrective actions proposed. Photographic evidence and updated work schedules shall be enclosed. Progress reports shall be submitted at intervals specified by the Engineer-in-Charge or as directed. Submission and acceptance of progress reports shall be a prerequisite for release of stage payments and monitoring of timely completion.

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 retrofitting of Electric Propulsion.
- 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) Past Experience:

- i The bidder must have successfully retrofitted at least 10 nos. Electric Propulsion with Battery Packs in 10 different boats during the last Three (03) years.
- ii Documentary proof in the form of completion certificates, delivery notes, certificates must be submitted.

(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 facilities for manufacturing, assembly, testing, and quality control conforming to Industry standards.

(d) Financial Capacity

- i The bidder should have achieved minimum annual financial turnover of **Rs.3.00 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 retrofitted vessel must conform to safety and environmental norms.

(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 to this effect shall be furnished.

(g) Human Resource Capability

- i. The bidder should have qualified Electrical 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 warranty, after-sales service, 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 Retrofitting Electric Propulsion is existing Boats	❖ Experience in retrofitting Electric Propulsion in existing boats with traditional petrol outboard motors Have done retrofits – 10 or more vessel = 30 mark	30 Marks
02.	Technical Capability & Infrastructure	❖ Existence of in-house design & engineering facilities. ❖ Availability of manufacturing facilities with modern equipment.	20 Marks

		<ul style="list-style-type: none"> ❖ Quality control systems, testing facilities, and classification approvals. • Scoring: <ul style="list-style-type: none"> – Basic facilities = 10 marks – Comprehensive in-house facilities + approvals = 20 marks 	
03.	Financial Strength	<ul style="list-style-type: none"> ❖ Annual turnover of ₹3 Cr minimum in any one financial year during the last 3 years. ❖ Positive net worth. ❖ Higher turnover/stronger financials get higher marks. • Scoring: <ul style="list-style-type: none"> – ₹3–4 Cr = 10 marks – ₹4–10 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. • Scoring: <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 Electrical Engineers, Technical Supervisors in permanent employment or under valid contracts. ❖ Evaluation based on number, qualification, and experience of proposed personnel. • Scoring: 	10 Marks

		<ul style="list-style-type: none"> - Minimum requirement = 5 marks - Strong, experienced technical team = 10 marks 	
06.	Project Execution Plan	<ul style="list-style-type: none"> ❖ Assessment of methodology, work plan, project management framework, and delivery schedule. ❖ Demonstrated ability to deliver vessel within timelines. • Scoring: <ul style="list-style-type: none"> - Generic plan = 5 marks - Detailed, realistic, and comprehensive plan = 10 marks 	10 Marks
		TOTAL SCORE	100 MARKS

- ii. The selection of the Bidder/Firm/Manufacturer shall be based on the Technical Qualification and Lowest Price (L₁) Quoted by the Bidder.
- iii. The Bidders scoring **at least 60 marks** in the Technical Scoring shall be considered for Financial Opening.
- iv. The Financial Bid of the Bidders scoring **less than 60%** in technical qualification criteria will not be opened
- v. The selection of the Bidder/Firm/Manufacturer 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.1,00,000/- (Rupees One 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 Electric Propulsion Retrofits

- i. Completion Certificates / Delivery Notes from clients clearly indicating retrofits work order and year of completion.
- ii. Photographs, Brochures, or Technical Particulars of completed vessel.
- iii. Copies of Certificates for the delivered vessel if any.
- iv. Client Performance / Appreciation Letters, if available.

(e) Technical Capability

- i. Details of in-house design and engineering facilities (organization chart, equipment list, software, tools).
- ii. In case of tie-up: MoU/Agreement with Design House / Naval Architect.
- iii. Details of fabrication, assembly, testing, and quality control facilities (yard layout, machine list, workshop approvals, etc.).

(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 if any).
- iii. Declaration of compliance with Indian maritime regulations and IWT norms.
- iv. Evidence of compliance with safety, environmental, and fuel efficiency norms (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 (Electrical 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 (spares availability, service centers, response time, etc.).

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

The Owner shall have the right to terminate the Contract, wholly or in part, by giving written notice to the Contractor in the event of breach of contractual obligations, unsatisfactory performance, undue delay, abandonment of work, insolvency, or failure to comply with lawful instructions of the Engineer-in-Charge. Upon termination, the Contractor shall stop further work, secure the site, and hand over all materials, documents, and works executed to the Owner. The Owner shall be entitled to recover any losses, damages, or extra costs incurred due to such termination.

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 **11.02.2026 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 **12.02.2026 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 (₹1,00,000/-)

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 -Electric Retrofit done	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
- ✓ Electric Engineers employed (Names & qualifications)

02. Fabrication & Assembly Facilities:

- ✓ Factory Location(s) with Area & Capacity
- ✓ Major Equipment/Machinery List (attach as annexure)

03. Quality Control & Testing Facilities:

- ✓ (Non-Destructive Testing), Testing, Trial Equipment available
- ✓ ISO Certification (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.	Electrical Engineers					
02.	Technical Supervisors					
03.	Project Manager					

PART VII – COMPLIANCE/ CERTIFICATIONS

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

PART VIII– PAST PERFORMANCE/ TRACK RECORD

- ❖ List of Completed Projects (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, spares & technical support.
- ❖ 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.: _____

Name of Work:

01. Bidder Details

Name of Bidder / Firm: _____

Address: _____

Contact Person: _____

Email / Mobile: _____

GSTIN: _____

02. Price Schedule

Sl. No.	Description	Quantity	Unit Price (Amount in INR)	Total Price (Amount in INR)
(1)	(2)		(3)	(4)
01.	Retrofitting of Electric Propulsion System for existing 10-seater Passenger ferries at Balugaon	2 Nos.		
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.			
TOTAL				
TOTALTAXES @ _____				
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: _____