



PARADIP PORT AUTHORITY

Odisha, India

Tel.: (06722) 222034 / 222033 / 222078 / 222075

INVITATION FOR EXPRESSION OF INTEREST & BUDGETARY OFFER

ON

PROJECT MANAGEMENT CONSULTANCY SERVICES

FOR

**'SETTING UP OF THE ECOSYSTEM AT PARADIP PORT
AUTHORITY (PPA) FOR PRODUCTION, STORAGE, AND
BUNKERING OF GREEN HYDROGEN / AMMONIA /
METHANOL'**

Submission on or before: 02/11/2026

This notice is issued only to elicit an Expression of Interest from interested Parties and does not constitute any binding commitment from Paradip Port Authority to proceed with the Project or to invite any or all Parties in any subsequent bidding process.

SECTION I — REQUEST FOR BUDGETARY OFFER**No. EM/PD-13/2025/1619****Date: 12/10/2026****A. General Information**

Description	Details
1. Name of Work	Project Management Consultancy Services for ‘Setting up of the Ecosystem at Paradip Port Authority (PPA) for Production, Storage, and Bunkering of Green Hydrogen / Ammonia / Methanol’
2. Department / Organization	Electrical & Mechanical Department, Paradip Port Authority
3. Executing Division	Planning & Design Cell
4. Officer Inviting the Offer	Executive Engineer (Electrical)
5. Immediate Next Authority	Superintending Engineer
6. Sanctioning Authority	Chairman, Paradip Port Authority
7. Executing Authority	Executive Engineer (E), P&D Cell-I

B. Key Dates & Timelines

Sl.	Item	Date	Time
1	Publication Date	12/10/2026	12:00 Hrs
2a	Document Download — Start Date	12/10/2026	12:00 Hrs
2b	Document Download — End Date	02/11/2026	13:00 Hrs
3a	Start Date for Seeking Clarification (Online)	12/10/2026	12:00 Hrs
3b	Last Date for Seeking Clarification (Online)	19/10/2026	13:00 Hrs
4	Date of Uploading Response to Clarifications	26/10/2026	16:00 Hrs
5	Offer Submission End Date	02/11/2026	13:00 Hrs
6	Currency of Offer	Indian Rupee (INR)	—
7	Language of Offer	English	—

SECTION II — SCOPE OF WORK

1. Background & Objective

Paradip Port Authority is an autonomous body under Ministry of Ports, Shipping & Waterways (MoPSW), Govt. of India, has been identified by MOPSW to be developed as a Green Hydrogen/ Ammonia refueling Hub for Green Shipping. PPA further intends to develop Green Hydrogen ecosystem in the existing Port lands.

Paradip Port Authority (PPA) invites Expression of Interest (EOI) from experienced and capable Entrepreneurs, Entities, Agencies, and Companies to provide Consultancy Services for ‘Setting up of the Ecosystem at Paradip Port Authority (PPA) for Production, Storage, and Bunkering of Green Hydrogen / Ammonia/Methanol’.

The consultancy service includes project management, techno-economic feasibility study, preparation of a detailed project report (DPR), and supervision until the issuance of a completion certificate for the pilot project on establishing an ecosystem at Paradip Port for the production, storage, and bunkering of Green hydrogen/ ammonia/Methanol.

Budgetary quotation should include details about the firm, experience in similar projects, as well as any comments or suggestions regarding the proposal. The rates quoted must be inclusive of all costs such as charges for staff & labour, transportation, freight, insurances, statutory charges and other auxiliary charges for successful completion of the work. Before submission of the offers, vendors are advised to visit the Port to get better knowledge of the site conditions.

PMC Responsibilities:

1. The consultancy scope encompasses providing comprehensive support for the establishment of a facility at Paradip Port Authority (PPA) dedicated to the production of 1000 tons/year of Green Ammonia/Methanol. This facility, utilizing a 2 MW Electrolyser capacity and 9 MW Wind Mill / Solar Power Plant, will include all necessary infrastructure and associated systems for the storage, handling, and bunkering of Green Hydrogen/ Ammonia/Methanol.
2. The consultancy will play a pivotal role in ensuring the technical and commercial feasibility, viability, and effectiveness of the project's implementation. This includes evaluating the demand for Green Hydrogen/ Ammonia/Methanol in both Indian and international markets, identifying and assessing available resources such as land, power, and water, and reviewing Electrolyser technologies for Green Hydrogen production.
3. The consultancy will involve designing the layout of the project, considering factors like land development, access roads, and drainage requirements. Additionally, the consultant is responsible for reviewing and approving the design, drawings, and documents submitted by the implementing agency as per the relevant standards and statutory requirements.
4. The consultancy will explore the storage, bunkering, refueling, and transportation aspects of Green Hydrogen/Ammonia/Methanol. This includes reviewing commercially available storage and transportation technologies, assessing inventory requirements, and evaluating the viability of Green Hydrogen-fueled vessels for domestic and international use. Cost analysis for storage and transportation infrastructure will also be conducted to ensure economic viability.

5. Another crucial area of focus for the consultancy is tendering and awarding of work. This involves estimating project CAPEX and OPEX, exploring potential financing options, and drafting techno-commercial tender documents. The consultancy will also assist in responding to pre-bid queries and evaluating bids for final work/developer selection.
6. Safety assessment, financial analysis, preparation of business models, and support in obtaining statutory approvals from relevant authorities are additional responsibilities of the consultancy firm. Throughout the process, adherence to relevant IS Codes, norms, guidelines, and regulations will be ensured to maintain compliance and safety standards.
7. The consultancy agency shall conduct a comprehensive survey at the Paradip Port Authority (PPA) to assess the existing facilities and conduct interactions with stakeholders. Available data related to the pilot project activities will be provided by the Port Authority.
8. Study and analyze similar pilot projects existing or likely to be developed in ports across India, particularly focusing on those related to green hydrogen & its derivative's production, storage, and bunkering.
9. The Consultancy firm has to explore possibilities of utilizing the produced green hydrogen / ammonia / methanol in all applicable areas / industries and provide feasibility assessment for the same, analyze the global scenario and evaluate various green hydrogen-related projects existing or planned along the Indian coastline.
10. Study and analyze the proposed infrastructure for green hydrogen & its derivatives production, storage, and bunkering at the Port. Develop a project layout plan based on the proposed infrastructure and technical specifications provided by the Ministry and PPA.
11. The Consultant has to consider government guidelines in the tendering process, including provisions for viable gap funding / grants, etc.
12. Interact with officials from various departments of the port, including Traffic, Civil, Marine, and Finance to understand their requirements and incorporate them into the project proposals.
13. Prepare a detailed Techno-Economic Feasibility Report (TEFR) for the pilot project, covering all aspects of technical feasibility, economic viability, and environmental impact assessment. Present the draft TEFR to port officials for discussion and incorporate their feedback into the final report.
14. The report shall include but not be limited to: Executive Summary, Introduction, Project Description and Scope, Technical Specifications and Infrastructure Requirements, Financial Projections and Viability Analysis, Environmental Impact Assessment, Risk Assessment and Mitigation Plan, Stakeholder Consultation and Engagement Plan, Regulatory Compliance.
15. Based on inputs from stakeholders and regulatory authorities, revise the TEFR to address any concerns or suggestions and ensure alignment with project goals and objectives.
16. Subsequent to approval of TEFR by PPA, the consultant shall be responsible for preparation of tender document, submission to PPA for floating the tender, evaluation of tender & recommendation on award of project to successful bidder based on tender evaluation.
17. Consultancy service shall be provided for successful execution of the project & commissioning of the production / storage / bunkering facilities, and till issuance of completion certificate.
18. The consultancy firm shall assess the entire works and obligations for the subject work and provide a detailed step by step procedure / activities, milestones, stakeholders involved and PMC charges.
19. The required electricity, land, and water shall be provided by PPA.

Responses to this EOI shall serve as a critical input for PPA to evaluate market interest, technical capabilities, and innovative approaches available in the ecosystem. Interested Parties may be invited to make a detailed presentation (physically or in hybrid mode) before PPA, explaining their vision, proposed methodology, technological solution, and implementation capability.

This EOI is intended to provide indicative information by the PMC regarding the proposed project with its broad scope of work as a knowledge partner, proponent and implementer of the proposed projects. It is not a solicitation for bids or proposals. The detailed Scope of Work, Eligibility Criteria, Terms and Conditions, and Evaluation Parameters will be separately latter, to be issued subsequently based on the outcome of this EOI process.

Note: All conditions are subject to change during the RFP stage. The specifications, requirements, and conditions outlined in this EOI are indicative and may be altered or modified based on discussions, presentations, and suggestions as deemed necessary by PPA.

SECTION III — TERMS & CONDITIONS

1. Bid Prices

The Bidder shall indicate, on the prescribed Bill of Quantity (BoQ) Annexure - I, the prices for all PMC services to be rendered at Paradip Port Authority. The quoted price must be inclusive of all taxes (excluding GST), duties, fees, cess of all types, transportation, logistics, boarding, fooding, and all other incidentals required for complete execution of the contract. No price escalation shall be admissible under this contract. Two separate LoI / Work orders shall be issued to the successful bidders / PMC for item no. 1 & 2 of BoQ. The LoI / Work order may be issued on the same day or separately as felt necessary by PPA.

Variation in taxes due to changes in Government regulations shall be considered only if such changes occur within the period from 28 days prior to the last date of bid submission up to the original completion date of the Contract.

2. Date of Commencement & Completion

The date of commencement of work shall be 30 (thirty) days from the date of issuance of the Letter of Intent (LoI). The PMC shall complete the entire work in assisting PPA till award of work for setting of 2 MW Green Hydrogen Plant within 150 (one hundred fifty) calendar days from the date of commencement. This completion period is applicable separately for item no.1 & 2 of BoQ.

Beyond this initial period, the PMC shall continue to assist PPA during Production, Storage, and Bunkering of Green Hydrogen / Green Ammonia/Methanol.

3. Project Timeline for PMC Services

The following consolidated timeline governs PMC services for the Green Hydrogen Plant 150 calendar days from date of LoI.

Period	Activity / Milestone	Responsibility
Days 0–30	Preparation and submission of project estimate and final tender documents	PMC
Days 31–45	Finance concurrence of estimate, in-principle administrative approval, and approval of tender document	PPA
Days 46–68	Publishing of Tender Document (21-day open tender period)	PPA
Days 55–60	Conducting Pre-Bid Meeting and preparing compliance responses	PMC
Days 69–79	Technical bid evaluation	PMC
Days 80–85	Tender Committee (TC) meeting on technical evaluation	PPA
Days 86–95	Receiving shortfall documents from bidders	PPA
Days 96–100	Evaluation of shortfall documents submitted by bidders	PMC
Days 101–105	Tender Committee meeting	PPA
Days 106–110	Approval of TC resolution	PPA

Days 111–115	Publishing list of pre-qualified bidders and opening of price bids	PPA
Days 116–120	Finance vetting of L1 (lowest) bid	PPA
Days 120–125	TC meeting on price bid	PPA
Days 126–130	Administrative approval of L1 bid	PPA
Days 131–135	Issuance of Letter of Intent (LoI)	PPA
Days 136–150	Award of Work / Execution of Contract Agreement	PPA

4. Liquidated Damages (LD)

In the event of delay in completing the work, Liquidated Damages (LD) shall be levied on the PMC at the rate of 0.5% of the contract price for each week of delay or part thereof, subject to a maximum of 10% of the contract price.

In the event the total LD exceeds the maximum permissible limit, Paradip Port Authority may:

- Terminate the Contract; and / or
- Forfeit the Security Deposit (SD).

SECTION IV — INFORMATION & INSTRUCTIONS FOR APPLICANTS

1. General Instructions

1. This document contains a Letter of Interest and Formats A, B, and C for submission of information/documents (Section V).
2. All information called for in Forms A, B, and C shall be furnished against the relevant columns in full.
3. The Applicant may furnish any additional information deemed necessary to establish their capability to successfully complete the envisaged project.
4. The completed EOI and Budgetary Offer document shall be submitted either via e-mail or by Registered Post, addressed to:

The Chief Mechanical Engineer

Paradip Port Authority, Administrative Building
Dist.: Jagatsinghpur, Odisha — PIN 754142
E-mail: cme@paradiport.gov.in

5. For further details, contact: Executive Engineer (El.), Planning & Design Cell, Paradip Port Authority, Dist.: Jagatsinghpur, Odisha — PIN 754142. Mob: 9437135765. E-mail: alokd@paradiport.gov.in or cme@paradiport.gov.in.
6. Documents submitted in connection with this EOI & Budgetary Offer shall become the property of Paradip Port Authority.

2. Information to Be Submitted

Applicants are required to submit the following:

- Form A — Organisation Information: Comprehensive information in respect of the Applicant's organisation.
- Form B — List of Similar Projects: Details of similar assignments/projects successfully completed or ongoing during the last five years.
- Form C — Suggestions: Proposals/views of the Firm that may be considered for project formulation. Additional sheets may be used.

3. After Receipt of EOI Responses

After assessing responses to this EOI & Budgetary Offer from Applicants, Paradip Port Authority shall initiate appropriate steps for selecting a PMC through a transparent and competitive bidding process in accordance with applicable Government of India procurement guidelines.

4. Disclaimer

The information in this document has been prepared in good faith to assist Applicants in preparing a non-binding EOI-cum-Budgetary Offer. It is expressly clarified that:

- > This document does not constitute any contract or agreement of any kind whatsoever.
- > This document does not purport to contain all the information that interested firms and their advisors may desire or require in reaching decisions. Interested Applicants should conduct their own independent investigations and due diligence.
- > Neither this document nor any written or oral information in relation to the transaction is intended to form the basis of, or constitute an inducement for, any investment activity or any decision to enter into any contract.
- > Neither Paradip Port Authority nor its employees, officers, or advisors shall be liable to any interested party or entity under law, including the law of contract, tort, restitution, or unjust enrichment, for any loss, expense, or damage arising from or in connection with this document or the selection process.
- > While this document has been prepared in good faith, neither Paradip Port Authority nor any of its respective officers, employees, or advisors makes any representation or warranty in respect of any statements or omissions herein. There shall be no assumption of deviation or change in information herein without formal notice from PPA.

SECTION V — FORMATS FOR SUBMISSION

LETTER OF INTEREST

(To be typed on the Applicant Firm's Letterhead)

To,
The Chief Mechanical Engineer,
Paradip Port Authority,
Administrative Building, Paradip Port – 754142,
Dist.: Jagatsinghpur (Odisha).
Tel.: (06722) 222034

**Sub.: Expression of Interest & Budgetary Offer for Project Management Consultancy Services for
'Setting up of the Ecosystem at Paradip Port Authority (PPA) for Production, Storage, and
Bunkering of Green Hydrogen / Ammonia / Methanol'.**

Sir,

Having examined the details given in the EOI Notice and EOI Document for the above project, I/we hereby submit our Expression of Interest & Budgetary Offer along with the relevant information.

1. I/We hereby certify that all statements made and information supplied in the enclosed Forms A, B, and C and accompanying documents are true and correct.
2. I/We have furnished all information and details necessary for the EOI & Budgetary Offer and have no further pertinent information to supply.
3. I/We authorise Paradip Port Authority or their authorised representatives to approach individuals, employers, and firms to verify our competence and general reputation.
4. I/We submit the following certificates in support of our suitability, technical knowhow, and capability to successfully implement the project.

Signature(s) of Applicant(s)

Seal of Applicant:

Name: _____

Date of Submission: _____

Designation: _____

FORM A — ORGANISATIONAL INFORMATION

1	Name & Address of the Applicant (with Telephone No. and E-mail)	
2a	Year of Establishment	
2b	Date of Commencement of Operations	
3	Legal Status of Applicant (attach supporting documents)	Proprietorship / Partnership / Limited Company / Corporation / Joint Venture / Consortia / Other (specify)
4	Names of Directors & Key Executives involved in this Project (with Designation and Contact Information)	
5	Applicant's Annual Turnover for the Last Three Financial Years (in INR)	FY ____ - ____ : ₹ FY ____ - ____ : ₹ FY ____ - ____ : ₹
6	PAN Number	
7	GST Registration Number	
8	EPF Registration Certificate Number	
9	Brief Write-up about Applicant's Business during the Last Three Financial Years	
10	Any Other Information Considered Necessary	

Enclosures:

- Copies of last three years' Annual Audit Reports or Auditor's Certificate
- Company Brochures / Profile (if available)

Signature with seal: _____

Designation: _____

FORM B — DETAILS OF SIMILAR PROJECTS UNDERTAKEN (LAST FIVE YEARS)

(Please use a separate sheet for each project)

Name of Project	
Role and Responsibility in the Project	
Location	
Description of Work Performed	
Period / Duration of Project	
Current Status (Completed / Ongoing)	
Indicative Project Cost (INR)	
Client Name & Contact Details	
Any Other Relevant Information	

Signature with seal: _____

Designation: _____

FORM C — SUGGESTIONS AND VIEWS OF APPLICANT

Proposed Mobilisation Period (with detailed justification)	
Assistance Required from Paradip Port Authority	
Technical Suggestions / Views on Project Approach	
Suggestions on Sustainability / Green Certification	
Any Other Relevant Proposals or Comments (attach additional sheets as required)	

Applicants are encouraged to add any other details considered important for project formulation.

Signature with seal: _____

Designation: _____

ANNEXURE I — BILL OF QUANTITY (BOQ)

Name of Work: “Consultancy Services for Pilot Project on ‘Setting up of the Ecosystem at Paradip Port Authority (PPA) for Production, Storage, and Bunkering of Green Hydrogen/ Green Ammonia/Methanol’.

Sl.	Description of Work	Qty.	Unit	Rate (in ₹)	Amount (in ₹)
1.	Consultancy Services for Project Management, Techno-Economic Feasibility Study, Preparation of Detailed Project Report (DPR), Tendering, Tender evaluation & Recommendation to PPA on selection of bidder, Supervision until the Issuance of Completion Certificate for Production of Green hydrogen / Ammonia / Methanol as per the mentioned in Scope of Work.	01	No.		
2.	Consultancy Services for Project Management, Techno-Economic Feasibility Study, Preparation of Detailed Project Report (DPR), Tendering, Tender evaluation & Recommendation to PPA on selection of bidder, Supervision until the Issuance of Completion Certificate for Development of bunkering and refueling facilities for Green Hydrogen based fuels the mentioned in Scope of Work.	01	No.		
	TOTAL (Excluding GST):				₹ _____

(Total Rupees (excluding GST) _____ Only)
GST: _____% extra

Note: The price quoted shall be inclusive of all taxes, duties, cess, and all other incidentals such as transport, logistics, boarding, fooding, etc. GST will be paid extra.

Signature(s) of Applicant(s)

Seal of Applicant:

Date of Submission: _____

Name: _____

Designation: _____