



**MANGALORE REFINERY AND PETROCHEMICALS LTD,
MANGALORE**
(Schedule 'A' Company & subsidiary of ONGC)

EXPRESSION OF INTEREST (EOI)

FOR CONSULTANT SELECTION TO SET UP GREEN

HYDROGEN PLANT AT MRPL REFINERY

COMPLEX MANGALORE KARNATAKA

EOI Document Ref. No. EOI/Projects/2024-25/01

Dated 07.05.2024

**EXPRESSION OF INTEREST (EOI) FOR
SELECTION of CONSULTANT TO SET GREEN HYDROGEN PLANT**

1.0 BACKGROUND

1.1 Mangalore Refinery and Petrochemicals Limited (MRPL) is a “Schedule –A” CPSE and a subsidiary of Oil and Natural Gas Corporation Limited (ONGC). The Refinery has a versatile design with high flexibility to process Crude with 24 to 46 API gravity and has high degree of Automation. The Refinery including the Aromatic Complex has a Nelson Complexity number of 10.63. The present capacity of the Refinery is 15 MMTPA. Products of MRPL are mainly sold in the domestic market to the PSU Oil Marketing Companies (OMC’s) and balance products are exported. MRPL has a small but increasing Retail presence currently

For additional information on MRPL, please visit <http://www.mrpl.co.in>

1.2 MRPL invites online offers from (**Party**) who shall submit Expression of Interest (EOI) for Selection of Consultant to set up a Green Hydrogen Plant as part of its green fuel initiatives.

1.3 Other basic details of this EOI are:

EOI Download	EOI may be downloaded from any of the Websites as below: (i) www.mrpl.co.in (ii) Govt. CPP Portal - https://eprocure.gov.in
EOI Cost	NIL
EOI Meeting Date	28 th May 2024 @ 1430 hrs (through Webex)
EOI Meeting Link	Meeting link shall be shared to the interested bidders. Request for sharing the link shall be made through the below mentioned Email ID’s
EOI Due date of submission & time	11 th June 2024 @ 1400 hrs
EOI Opening date & time	11 th June 2024 @ 1500 hrs
EOI Submission mode	Through email: baddimurali@mrpl.co.in

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2.0 INTRODUCTION

Mangalore Refinery & Petrochemicals Limited (MRPL), a Government of India Schedule-A CPSE and a subsidiary of Oil and Natural Gas Corporation Limited (ONGC) is a State-of-Art Grass Root Petroleum Refinery located in Mangalore city, in Dakshina Kannada region, Karnataka state. MRPL is operating a 15 MMTPA refinery which is integrated to an Aromatic Complex. The Refinery has got a versatile design with high flexibility to process crudes of various API and with high degree of Automation.

As per India's Green Hydrogen Policy, Green Hydrogen has been defined as Hydrogen produced by way of electrolysis of water using Renewable Energy and the Hydrogen produced from biomass. As part of the National Green Hydrogen Mission Refineries, among others, are identified by the Govt for Green Hydrogen adoption.

At present, Hydrogen requirement for Hydro-processing units of the MRPL Refinery is met by Hydrogen produced from Steam Methane Reforming (SMR) units. MRPL intends to produce Green Hydrogen on continuous basis with Renewable Energy Power using water electrolysis Method and the Green Hydrogen produced would be blended with Hydrogen produced presently in the Refinery for captive use.

Based on land availability and grid power infrastructure adequacy for renewable power import, MRPL plans to set up a Green Hydrogen plant of 500 TPA by 2026 initially. MRPL shall tie-up for Green power in near future.

Accordingly, MRPL wishes to engage a Consultant for providing consultancy services for setting up of the Green Hydrogen Plant at MRPL Refinery, Mangalore.

3.0 BRIEF PROJECT DESCRIPTION

MRPL is planning to set up a water electrolyser based Green Hydrogen plant of 500 TPA capacity.

The implementation of the project shall be taken up in following modes as mentioned below:

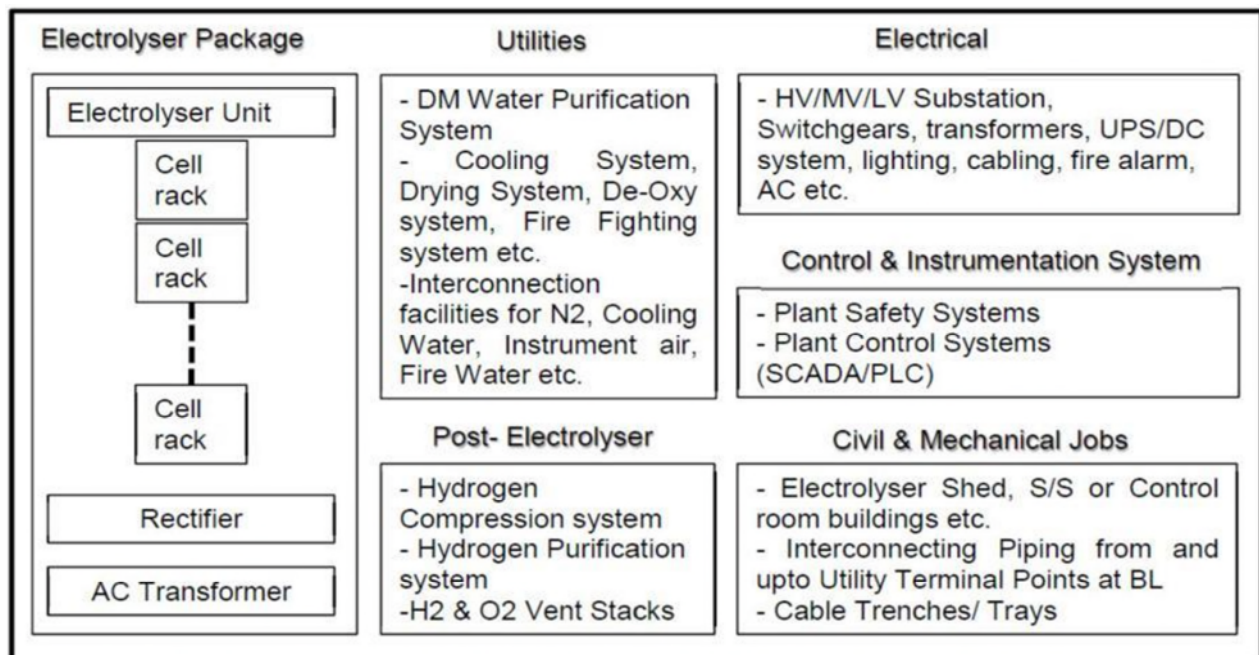
- A. PMC Services for LEPC Selection and post award of LEPC for ISBL part
- B. EPCM Services for OSBL part

The works related to Green H₂ Electrolyser Plant can be classified into 2 categories:

- A. **ISBL System:** Works related to In-Side Battery Limit (ISBL) of Green Hydrogen Plant
- B. **OSBL System:** Works related to Outside Battery Limit (OSBL) of Green Hydrogen Plant

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Illustration(Typical)



The tentative list of facilities to be developed under ISBL & OSBL scope are as follows:

3.1 ISBL System

Work envisaged in ISBL facilities by LEPC contractor include but are not limited to following facilities

- a. Water Electrolyser based Green Hydrogen Plant
- b. Associated Equipment, Machinery, Piping, valves
- c. Electrical system like Switchgear, transformers, lighting, UPS, DC System, substation, Fire Alarm, Air Conditioning, cabling, SCADA, SRR etc.
- d. Instrument systems & safety systems
- e. All associated works – Mechanical, Civil, Structural, Architectural, E&I works
- f. All buildings and support facilities
- g. Mechanical Completion, pre-commissioning, commissioning and PGTR

Works associated with ISBL shall include design, engineering, fabrication, supply, installation, construction, erection, testing, commissioning, start-up, performance guarantee test run (PGTR), warranty, training, documentation, etc. for Water Electrolyzer based Green Hydrogen Plant by LEPC Contractor. The plant shall be a stand- alone facility complete in all respect except for Feed inputs required for Green Hydrogen production. Feed Inputs - Power & Utilities, shall be supplied by MRPL up to the battery limit (BL) of Green Hydrogen Plant.

3.2 OSBL System

Work envisaged in OSBL facilities are as follows:

- a. Piping and interconnection of Utilities like DM water, Instrument air, N2, Plant air, Fire water, Raw water, cooling water, etc. from nearest source point within refinery to Green Hydrogen

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- b. Piping pertaining to product hydrogen, flare and effluent(if any)
- c. Civil, Mechanical, Electrical, Instrumentation, IT, Fire & Safety, etc. OSBL facilities.
- d. Procurement of HV 33kV/6.6KV/415V power, control and communication cables.
- e. Procurement of fiber optic cables and laying between existing owner substation and Green hydrogen substation.
- f. Laying works for above HV, MV power, control and communication cables.
- g. Interconnection with existing systems such as Fire alarm, Plant communication, Telephone system and ECS system.
- h. Engineering deliverables such as cable layouts, cable schedules, interconnection diagram etc.
- i. Integration of Green H2 plant for centralized controlling from Main Control Room.

Works associated with OSBL shall be executed by consultant which include Supply of Power and Utility systems required for sourcing of Power and Utilities from existing refinery facilities upto Green Hydrogen Plant battery limit.

4.0 CONSULTANT’S SCOPE OF WORK

4.1 PMC Services for ISBL UNIT

The broad scope of work for consultancy services shall include following works, however any activity not specified below but required for successful completion of job is considered to be in scope of consultant:

- Preparation of “Request for Proposal/ Invitation to Bid (ITB) and Technology Evaluation Criteria” for Licensing, Engineering, Procurement & Construction (LEPC) of “Water Electrolyser based Green Hydrogen Plant and associated systems” for ISBL facilities.
- Floating of Tender, Conduct Pre/ Post Bid meetings, Technical & Commercial query resolution (TQ/CQ), receipt of bids from bidders and carrying out Technical & Commercial evaluation of the bids submitted.
- Provide recommendation for award of tender on basis of Levelized Cost of Hydrogen (LCOH).
- Preparation of plot plan and project schedule.

Based on the recommendation for award of LEPC Tender, MRPL shall award the tender to recommended bidder subjected to receipt of necessary internal approvals.

The detailed scope of work of consultant, but not limited to; shall be as below,

4.1.1 Preparation & Floating of RFP/ITB Documents for ISBL Facilities

ISBL shall denote the area within the identified Green Hydrogen plot. The scope of services covered for ISBL shall be as follows:

- i. Consultant to prepare “Request for Proposal/ Invitation to Bid (ITB) and Technology Evaluation Criteria” required for floating of tender for “Water Electrolyser based Green Hydrogen Plant and associated systems” at MRPL, Mangalore.
- ii. Tender shall be floated by Consultant on LEPC basis. LEPC Bidders shall be permitted to quote for various technology options (Pressurized Bipolar Alkaline Technology or PEM Technology) meeting the techno commercial requirements to be specified in ITB

iii. Preparation of Technical scope of ITB:

Preparation of Technical scope of tender document shall include but not be limited to following activities:

- a. Finalization of Plant capacity and design considerations for Green Hydrogen Plant such as Electrolyser/ Hydrogen Design Capacity, Hydrogen Pressure, Hydrogen Purity, Moisture content and Oxygen content requirements shall be finalized in consultation with MRPL, so as to meet the requirements of green hydrogen integration with grey hydrogen stream of Refinery.
- b. Finalization of Licensor's Process Guarantee requirements
- c. Finalization of Technology Evaluation Criteria in consultation with MRPL
- d. Detailing of Utility parameters and their terminal points to be made available for Hydrogen Production shall be shared by MRPL for incorporation in ITB by Consultant
 - i. Power
 - ii. Quality and capacity of DM water/Treated Raw Water
 - iii. Cooling water Quality and availability
 - iv. Nitrogen / Instrument air / service air etc.
 - v. Hydrogen product line, flare(if any), effluent(if any)
- e. Assessment of Plot Area required within refinery for installation of Water Electrolyser system in co-ordination with MRPL
- f. Identification of all jobs related to implementation of ISBL facilities by LEPC contractor. These include but are not limited to following facilities
 - i. Water Electrolyser based Green Hydrogen Plant
 - ii. Associated Equipment, Machinery, Piping, valves
 - iii. Electrical system like Switchgear, transformers, lighting, UPS, DC System, substation, Fire Alarm, Air Conditioning, cabling, SCADA, SRR etc.
 - iv. Instrumentation System and safety systems
 - v. All associated works – Mechanical, Civil, Structural, Architectural, E&I works
 - vi. All buildings and support facilities
 - vii. Mechanical Completion, pre-commissioning, commissioning and PGTR requirements
- g. Preparation of minimum design requirements for Civil, Mechanical, C&I, Electrical jobs, etc. Specifying minimum design requirements for Equipment, Piping, Packages, E&I system, Safety Systems, Fire water network, etc.
- h. Preparation of minimum quality requirements for Mechanical & Civil, Piping, Fire, E&I works at site, etc.
- i. Operational consideration to be compiled by LEPC Contractor shall be finalized in consultation with MRPL for incorporation in LEPC tender.
- j. Process Design, construction power, construction water and site infrastructure requirements shall be finalized in consultation with MRPL.
- k. Preparation of scope in line with all safety/environment/regulatory requirement required by Solid Waste Management rules, factory Act, PESO, Electricity Act, CPCB/ MPPCB, OISD and/or all other applicable & relevant guidelines by authorities etc
- l. Finalization of Plant Size on basis of Manufacturer's Electrolyser stack size in coordination with MRPL.
- m. Preliminary Plot Plan for facility to be given by bidders to be reviewed by Consultant.

iv. Preparation of Commercial Scope of ITB:

- a. Preparation of Commercial tender and ITB as per procedures agreed with MRPL
- b. Preparation of Bidder Pre-Qualification Criteria (BQC)
- c. Preparation of Project Schedule, Schedule of Rates, Payment schedule and Timelines.

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- d. Preparation of Technical & Commercial Bid Evaluation Methodology.
- e. Preparation of all ITB documents, Tender Specifications, Guaranteed Test Parameters and basic engineering documents.
- f. The ITB shall have two parts, technical & commercial un-priced and commercial priced sections. The commercial section shall follow the commercial conditions as set forth by MRPL. ITB prepared by consultant shall be reviewed by MRPL.

4.1.2 Evaluation of Tender Bids for ISBL works

- i. Conducting Pre-bid meetings, resolution of bidder queries (TQ & CQ), preparation of corrigendum to tender, etc.
- ii. Consultant shall receive, evaluate bids and provide recommendation for Price Bid Opening (PBO) after ensuring that bids are technically and commercially acceptable. PBO Recommendation Report must include:
 - a. Copy of the RFP
 - b. All bids and relevant correspondence in original, as received from the Bidder, copies of Consultant's letters to the Bidders
 - c. Bidder Qualification Details
 - d. One copy of the Commercial Bid Analysis
 - e. One copy of the Technical Bid Analysis
 - f. One copy of the Technical Evaluation Report
 - g. Bid Evaluation details. Evaluation also to include replacement/ spares cost, if any, incurred during the life of the plant.
 - h. Methodology of NPV(LCOH) calculation including all assumptions
 - i. Unsolicited and late bids as received and unopened
- iii. After Price Bid Opening, consultant will provide final recommendation for award based on NPV based evaluation.

4.1.3 PROJECT MANAGEMENT

Consultant shall be required to implement project broadly as mentioned below and in conformity with contract terms & conditions.

- i. Set up Project Organization structure detailing the escalation matrix and communication protocol.
- ii. Prepare and review project schedule and progress
- iii. Review execution methodology
- iv. Review Procurement plan and activities
- v. Review Inspection and dispatch plan
- vi. Review health, environmental and safety at site
- vii. Review Billing Schedule of the LEPC contractor
- viii. Day to day correspondences for the execution including contractual issues
- ix. Monitoring the progress of work with the Master construction schedule
- x. Conducting kick off meeting with LEPC.
- xi. Submission of Monthly Progress Report from time to time and generating monthly MIS documents
- xii. Preparing the catch-up plan for the delays and ensuring its implementation
- xiii. Checking of job completion schedule of work for various activities related to Plant, Foundations, Piping, Electrical installations, Plant Erection and Commissioning.
- xiv. The consultant shall submit month wise physical targets for various disciplines of work.

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- xv. The monthly progress report to be submitted by the consultant shall indicate progress of activities against targeted dates and targeted quantities, reasons for shortfalls, if any, corrective action taken, etc.
- xvi. Regular review meetings shall be held between the PMC and LEPC covering all aspects of the work scope for completing the project within the approved time frame. A responsible person from the PMC side shall be required to attend these meetings for speedy implementation of the decisions & follow up required. The consultant shall record minutes of such meeting and maintain them as records for future references after obtaining the approval to the same within a week.

4.1.4 Review / Approval of following Drawings / Data / Reports

- i. LEPC Contractors' Schedule and Planning Package
- ii. Process and Mechanical Design Data.
- iii. Residual process documents.
- iv. PFD / P&ID / Heat and Material Balance.
- v. Updated BDEP and detailed Engg. Documents.
- vi. Engineering data, specifications, drawings etc.
- vii. Hydraulic Design for guaranteed unit throughput.
- viii. Thermal Design
- ix. Static / Rotating equipment sizing.
- x. Utility, Effluent and Flare load summary.
- xi. Equipment Layout for optimum utilization.
- xii. Battery limit interconnections
- xiii. Hazard Identification and Rapid risk assessment reports.
- xiv. HAZOP recommendations and Compliance report.
- xv. 3 D Modelling of LEPC
- xvi. Electrical installation drawing viz. Existing Single line diagram of the electrical system as available at location, the possible point of power injection in the plant etc.
- xvii. Associated Instrumentation data sheets / drawings, interlock philosophy and logics.
- xviii. Civil Layout & foundation including access roads, storm water channels and boundary walls, Plant layout, Cable routes and earthing layout, Substation building, HVAC System, Transformers, internal cabling, monitoring station, cable trenches, control room/ security buildings, construction power, Service & Drinking water, etc.
- xix. Detailed Bill of Materials along with specifications in line with tender document.
- xx. Equipment drawings conforming to the safety norms and technical standards etc.
- xxi. Quality plan
- xxii. Check lists and compliance.
- xxiii. Inspection and FAT shall be done by TPI Agency in line with the tender floated for LEPC/EPC.
- xxiv. Pre-commissioning / Commissioning procedure.
- xxv. As Built drawing and documents
- xxvi. Approval of Change list.
- xxvii. Any other drawing and document not mentioned above, however required for successful completion of project.
- xxviii. Parameters recorded during Guaranteed Test Run.

4.1.5 Site Supervision / Material Procurement

- i. Review and approve Contractor's inspection reports (as per QAP)
- ii. Site supervision by experienced and competent engineer to supervise activities of construction of plant as per implementation schedule. Domain (civil, electrical,

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- iii. Checking and certifying quality plan of erection/execution work.
- iv. Review material delivery progress & construction progress and take corrective actions to avoid delays.
 - v. Assistance in pre-commissioning and commissioning tests of all equipment
- vi. Preparation of list of incomplete jobs and defects, if any to be attended by the LEPC Contractor/ supplier.
- vii. CONSULTANT shall be responsible for and shall manage all the battery limit interfaces of entire project between units / offsite / utilities/ Under Ground (UG) lines in liaison with different agencies/ contractors / LEPCs etc.
- viii. Clearing the hook-ups
- ix. Arranging pre-commissioning checks for approving the plant ready for commissioning. Any short-fall as noticed during this inspection to be reported to MRPL and simultaneously arranged for rectification by LEPC.
 - x. Monitor commissioning and subsequent stabilization of the plant in all respect.
- xi. Review and recommend the Bills of the LEPC contractor for payment along with certification of measurement sheets for completed job
- xii. Checking and certification of invoices/bills submitted by LEPC contractor against milestone activities to Owner for payment to Contractor.
- xiii. Provide necessary technical assistance / back up in liaison work with concerned statutory authorities for the implementation of project.
- xiv. Provide necessary back up / technical assistance for co-ordination with external agencies etc.
- xv. To ensure contractors carry out their activities in accordance with the safety plan throughout the course of the construction of the project.
- xvi. Change order management for design changes and extra items
- xvii. Review and finalization of As-built drawings by LEPC contractor.
- xviii. Prior flagging of anticipated bottlenecks and analysis of its reasons
- xix. Review of warranty certificates of the materials as submitted by the LEPC Contractor
- xx. Review and ascertain the cost variation arising as a result of Change in Law and determine the Additional Cost
- xxi. Assist in closing of the contracts and issue necessary documents required for closure of contracts like job completion certificate, justification for time delay/levy penalty for delay, deductions from the contractor as part of penalty, etc.
- xxii. PMC shall maintain records of the construction activities and maintain a hindrance register with reasons in detail.

4.1.6 Statutory Approvals

- i. Ensure compliance to all the relevant Indian and international standards as applicable for Green hydrogen plant including IS codes, IEC codes, CEA regulations, state/national regulations, OISD regulations, other statutory guidelines and standard practices which are to be followed during supply, installation, erection, testing & commissioning of Green hydrogen plant.
- ii. ii. Providing all required services and assistance for replying to the queries of concerned Government Departments/ statutory bodies and agencies on the progress and any other aspect related to the project.
- iii. Verify all the project/Plant related approval obtained by the selected bidder from time to time from the concerned authority.
- iv. Technical Assistance in registering with Statutory agencies / state nodal bodies / any other bodies / authorities for setting up and operating the Plant and for availing accelerated depreciation or any other sops.

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- vi. Review the design submitted by LEPC contractors and ensure that the design fully complies with all applicable laws, standards, as per latest technology, specifications, policy and regulations (state & central), etc.
- vii. Review of contract documents and all other documents related to various statutory approvals/ clearances etc.

4.1.7 General Conditions:

- i. Consultant shall be responsible for all aspects of the consultancy and shall nominate a competent and experienced Project Manager who will be the primary point of contact for dealings with MRPL. The Project Manager shall ensure that the work is carried out in accordance with the Contract and the schedule targets are met and that MRPL is kept continuously informed on the progress of the work.
- ii. The Project Manager shall be supported by a core team of specialists equipped to deliver the assignment completely to the satisfaction of MRPL.
- iii. Consultant will be required to carry out visit to MRPL site for survey, data collection, presentation, etc.
- iv. MRPL inputs shall be taken during different stages of job execution. Draft copy of all documents shall be submitted for MRPL review and comments before finalization. MRPL clearance shall be taken before floating of tender document for ISBL works.

4.1.8 MRPL'S SCOPE

- i. MRPL shall be obtaining permits, Gate passes and conveyance for movement within refinery for the execution of project
- ii. All Site related data like meteorological, topography, etc. shall be provided by MRPL.

4.1.9 DELIVERABLES

- i. Preparation and Floating of RFP/ITB document
- ii. Techno Commercial evaluation of bids and submission of Price Bid Opening Recommendation report
- iii. Providing Final recommendation for award of Tender on NPV(LCOH) basis
- iv. Project Management

All deliverables will be considered complete on acceptance of Final Report/ documents by MRPL.

4.2 EPCM Services for OSBL

Scope of EPCM consultant shall be as follows:

4.2.1 BDEP for OSBL

The consultant shall carry out basic design of OSBL facilities and prepare cost estimate. The list of activities, but not limited to, covered under consultant scope shall be as follows:

- i. Identification of all jobs related to Civil, Mechanical, Electrical, Instrumentation, IT, Fire & Safety, etc. and prepare basic design documents for OSBL facilities
- ii. Develop piping layouts and drawings for interconnection of Utilities like DM water, Instrument air, N₂, Plant air, Fire water, Raw water, cooling water, etc. from nearest source point within refinery to Green Hydrogen Plant Battery Limit

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- iii. Develop cable laying layouts and drawings for sourcing of power at 33KV/6.6KV level from 220KV/33KV Substation up to Green Hydrogen Plant Battery Limit.
- iv. Integration of Green H2 plant for centralized controlling from Main Control Room
- v. Preparation of CAPEX estimate for OSBL jobs with +/- 10% accuracy.

4.2.2 Detailed Engineering

4.2.3 Tendering, Procurement And Inspection & Expediting Services

- i. Tender to be prepared as per updated relevant Model ITB only.
- ii. Evaluation of technical and commercial offers shall be carried out by EPCM and award recommendation shall be submitted to MRPL.
- iii. Inspection of all EPCM contractor's procured items shall be carried out through approved Third Party Inspection Agencies (TPIA) as per client requirement.

4.2.4 PROJECT MANAGEMENT

- i. Project Management and co-ordination function in a proactive and integrated manner
- ii. Formulation of project co-ordination and communication procedure
- iii. Preparation and submission of project Organogram and Overall Project schedule
- iv. Co-ordinate with engineering and other departments and with Client for the preparation and finalization of tender packages
- v. Floating of enquiries to the approved contractors, receipt of offers, technical and commercial evaluation of offers and recommendation for the placement of orders following MRPL's procedure
- vi. Finalization of billing schedule in accordance with payment terms stipulated in the tender package.
- vii. Ensuring Quality Assurance and Quality Control during project execution
- viii. Consultant will make its best efforts to incorporate the most environmentally Sustainable design and Co-ordination for adherence to the HSE system during the project duration.
- ix. Progress monitoring and progress expedition of contractor
- x. Review and certification of bills/invoices of the contractor and recommendation of payment to the contractor
- xi. Closure of contract and handing over to MRPL.
- xii. Consultant shall also provide supervisory/technical assistance for pre-commissioning, commissioning and submit final as built copy P&ID/Datasheet/Calibration reports incorporating all changes.

4.2.5 Planning Scheduling & Monitoring

4.2.6 Safety

4.2.7 Construction Management

4.2.8 General Conditions

- i. Consultant shall provide experienced site team for effective execution of Project in time and quality. The Project Manager shall be supported by a core team of specialists equipped to deliver the assignment completely to the satisfaction of MRPL. The team shall consist of a site in charge and team of engineers in the respective disciplines (planning, civil, electrical, mechanical, etc. as required) and other staffs as required. The site team shall be qualified and experienced in Green hydrogen project or Refinery Hydrocarbon projects execution &

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commissioning. The team has to supervise and monitor the site activities on a daily basis till the completion of the job.

- ii. MRPL inputs shall be taken during different stages of job execution. Draft copy of documents shall be submitted for MRPL review and comments before finalization.
- iii. Consultant shall be responsible for all aspects of the consultancy and shall nominate a competent and experienced Project Manager who will be the primary point of contact for dealings with MRPL project manager. The Project Manager shall ensure that the work is carried out in accordance with the Contract and the schedule targets are met and that MRPL is kept continuously informed on the progress of the work.
- iv. The Consultant shall be responsible for the Balance of Plant (BOP) jobs(i.e. all jobs outside ISBL) which are required for completeness of the project.
- v. Consultant will be required to carry out visit to MRPL site for site survey, data collection, kick off meeting, pre-bid meeting, project review meetings, discussions and presentations etc.
- vi. Consultant shall follow MRPL Work Permit system and relevant rules and regulations as applicable in MRPL.
- vii. OSBL facilities required towards interconnection piping for Utility/H₂/flare/effluent Lines shall be in scope of EPCM. Augmentation/New U&O facility is not envisaged at this stage.
- viii. Within India, Inspection will be in scope of Consultant. For outside India, Inspection will be done through TPI agency in line of the tender floated for LEPC/EPC.
- ix. All coordination and communications for the Project will be carried out under the overall guidance and control of consultant's Project in-charge.
- x. Consultant to note that all Tendering activities for the Project have to be done in E tendering mode as per MRPL philosophy. Consultant for the Project will form a Documentation Control Cell. This Cell shall be responsible for all incoming and outgoing technical documents related to the project. These documents will be compiled as per agreed procedures, kept updated to the latest revision and delivered to the designated agency (ies).
- xi. Consultant shall establish proper system for documentation for the entire project (including Licensor, Conventional, etc.)- Consultant shall endeavor to move towards digitalization and all document transfers shall be based on soft form (hard copies may be generated as and when required). Consultant shall implement electronic document management system incorporating all necessary documents which would be handed over to MRPL with proper indexation and document searching techniques / options on periodic basis/as requested by MRPL
- xii. Consultant shall establish a suitable communication system at site, as approved by Owner. Consultant, Vendors are expected to transfer various documents/drawings electronically to save precious project time.

4.2.9 MRPL'S OBLIGATIONS

- i. MRPL shall be obtaining permits, Gate passes and conveyance for movement within refinery for the execution of project.
- ii. Statuary approvals. Technical assistance will be provided by Consultant.
- iii. All Site related data like meteorological, topography, etc. shall be provided by MRPL.

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5.0 Procuring Entity - Rights and Disclaimers:

5.1 Disclaimers:

5.1.1 The EOI Document – not a Contractual Document

The EOI Document provides the Consultant(s) with information to assist them in participation in this EOI Process. This EOI Document and the EOI process is to shortlist eligible and qualified Consultants for exclusive participation in the following Request for Proposal (RFP) procurement process. Therefore, this EOI process is not a contractual procurement process. Hence, in this EOI process, unlike the following RFP process, no legal obligations for the Procuring Entity nor any legal rights for the Consultants shall be created under the Indian Contract Act and related law.

5.1.2 Terms and Conditions of Information Provided

- 1) Information contained in the EOI Document or subsequently provided to the Consultant(s) is on the terms and conditions set out in the EOI Document or subject to which that was provided. Similar terms apply to information provided verbally or in documentary or any other form, directly or indirectly, by the MRPL, its employees, or associated agencies.
- 2) The EOI Document does not purport to contain all the information Consultant(s) may require. It may not address the needs of all Consultants. They should conduct due diligence, investigation, and analysis, check the information's accuracy, reliability, and completeness, and obtain independent advice from appropriate sources. Information provided in the EOI Document to the Consultant(s) is on a wide range of matters, some of which may depend upon interpreting the law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The MRPL, its employees and other associated agencies accept no responsibility for the accuracy or otherwise of any interpretation or opinion on law expressed herein.
- 3) The Procuring Entity (MRPL), its employees and other associated agencies make no representation or warranty for the accuracy, adequacy, correctness, completeness or reliability, assessment, assumption, statement, or information in the EOI Document. They have no legal liability, whether resulting from negligence or otherwise, for any loss, damages, cost, or expense that may arise from/ incurred/ suffered howsoever caused to any person, including any Consultant, on such account.

5.2 Right to Intellectual Property and confidentiality:

- 1) The EOI Document and associated correspondence are subject to copyright laws and shall always remain the property of the Procuring Entity (MRPI) and must not be shared with third parties or reproduced, whether in whole or part, without the Procuring Entity's prior written consent.

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- 2) However, Consultants may share these to prepare and submit their EOI with their employees, subcontractor(s), or holding Company. Consultants shall obtain an undertaking of confidentiality from them like that imposed on Consultants under this clause.
- 3) This condition shall also apply to consultants who do not submit an EOI after downloading it or are not shortlisted.
- 4) The obligation of the Consultants under sub-clauses above, however, shall not apply to information that:
 - a) now or hereafter is or enters the public domain through no fault of Consultant.
 - b) is legally possessed by the Consultant at the relevant time and was not previously obtained, directly or indirectly, from the Procuring Entity (MRPL);
 - c) otherwise, lawfully becomes available to Consultant from a third party with no obligation of confidentiality.
- 5) The provisions of this clause shall survive completion or termination for whatever reason of the procurement process.

5.3 Right to Reject any or all EOIs

The issue of the EOI Document does not imply that the Procuring Entity/MRPL is bound to shortlist Consultants. The Procuring Entity/MRPL reserves its right to accept or reject any or all EOIs, abandon/ bypass/ cancel the EOI process, and issue another EOI for the same or similar Services before shortlisting Consultants. It would have no liability to the affected Consultant or Consultants or any obligation to inform the affected Consultant or Consultants of the grounds for such action(s).

6.0 Participation in EOI: With this above backdrop, MRPL invites online offers from potential Consultant meeting the qualification criteria to submit Expression of Interest (EOI) to get associated with MRPL. A meeting with the prospective Parties shall be held on the EOI Meeting Date to explain the objective of EOI and clarify on any queries/doubts of the potential parties.

Upon receipt of responses against this EOI, MRPL will review the responses to ascertain the suitability of the offer and shortlist prospective Consultant. The qualified parties would become eligible to progress to the second round wherein they would be evaluated based on qualification criteria to be set by MRPL at that stage followed by final evaluation for selection of one party for consultant with MRPL to set up Green Hydrogen plant.

The qualification criteria of the Parties, as set out in this EOI, is as follows.

7.0 Eligibility Criteria

7.1 Eligibility Criteria:

Subject to other provisions in the EOI Document, participation in this shortlisting process is open to all Consultants who fulfil the 'Eligibility' and 'Qualification' criteria. Consultants should meet the following eligibility criteria as of the date of their EOI submission and should continue to meet

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these until the subsequent RFP process and contract award. Consultants shall be required to declare fulfilment of Eligibility Criteria in **Annexure -3**. Consultant unless otherwise stipulated in AEOI:

1) must be:

- a) a natural person (an individual Consultant), private Entity (a Consulting Company/ LLP /Partnership firm registered under applicable Act in India), public Entity (Government-owned enterprise or institution), or unless otherwise stipulated in the AEOI - Joint Venture/ Consortium (an association of several persons, firms, or companies - hereinafter referred to as JV/C).
- b) a provider of the Consultancy Services with valid registration regarding GSTIN, PAN, EPF, ESI, Labour, as applicable to the subject Consultancy Services.

2) must:

- a) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of aforesaid reasons.
- b) (Including their affiliates or subsidiaries or contractors/ subcontractors for any part of the contract):
 - i) Not stand declared ineligible/ blacklisted/ banned/ debarred by the Procuring Organisation or its Ministry/ Department from participation in its procurement processes; and/ or
 - ii) Not be convicted (within three years preceding the last date of EOI submission) or stand declared ineligible/ suspended/ blacklisted/ banned/ debarred by appropriate agencies of the Government of India from participation in procurement processes of all its entities, for:
 - offences involving moral turpitude in business dealings under the Prevention of Corruption Act, 1988 or any other law; and/or
 - offences under the Indian Penal Code or any other law for causing any loss of life/ limbs/ property or endangering Public Health during the execution of a public procurement contract and/ or
 - suspected to be or of doubtful loyalty to the Country or a National Security risk as determined by appropriate agencies of the Government of India.
 - iii) Not have changed its name or created a new “Allied Firm”, consequent to having declared ineligible/ suspended/ blacklisted/ banned/ debarred as above.
 - iv) Not have an association (as a consultant/ partner/ director/ employee in any capacity)
 - of any retired employee (of Gazetted Rank) or any retired Gazetted Officer of the Central or State Government or its Public Sector Undertakings, if such a retired person has not completed the cooling-off period of one year after his retirement. However, this shall not apply if such employees/ officers have obtained a waiver of the cooling-off period from their erstwhile organisation.
 - of the near relations of executives of Procuring Entity involved in this procurement process
- c) Not have a conflict of interest, which substantially affects fair competition. The EOIs submitted should be competitive without adopting unfair/ unethical/ anti-competitive

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means. No attempt should be made to induce any other consultant to submit or not to submit an offer for restricting competition.

- 3) must fulfil any other additional eligibility condition, if any, as may be prescribed in EOI Document.
- 4) must provide such evidence of their continued eligibility to the Procuring Entity if requested.
- 5) from certain countries shall be eligible subject to certain conditions as detailed in **Annexure -1 below**.

7.2 COMMERCIAL CRITERIA

1. The prospective Consultant must be legally registered company, compliant with all applicable laws and regulations.
2. Party (in case of a single organization) and each of its members (in case of the Party being a consortium of two or three members) should meet the provisions under Order (Public Procurement No. 1) dated 23.07.2020, Order (Public Procurement No. 2) dated 23.07.2020 and Order (Public Procurement No. 3) dated 24.07.2020 of Department of Expenditure, Ministry of Finance, Govt. of India relating to procurement from a party which shares a land border with India. An undertaking regarding this is to be provided as per the format attached at **Annexure: 1**
3. Each organization can submit only one bid –In case any organization submits more than one bid, all of its bids shall be rejected.

7.3 TECHNICAL CRITERIA

1. The bidder should have an experience as Engineering, Procurement, and Construction (EPC) Contractor/Engineering, Procurement, and Construction management (EPCM) Services consultant with single point responsibility a reference unit that is either commissioned or in construction phase or having orders in hand to execute green hydrogen project and must be a commercial and non-captive unit [shall mean, other than in-house units executed and completed for their own (themselves)]. Experience of any revamp/ debottlenecking of units and laboratory scale plant shall not be considered for **qualification**.

Documentary proof required for the above.

7.4 FINANCIAL CRITERIA

1. Annual turnover:

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The annual turnover of the Party, in any of the preceding 3 (three) completed financial years up to 31.03.2024, should not be less than **INR 5 crores (Indian Rupees Five Crores)**.

2. Net Worth :

(i) The Net Worth of the Party as per the latest audited annual financial statements (not older than FY 2022-23), in each case should be positive.

(ii) Net Worth shall be computed as follows:

Paid up share capital plus Free Reserves & Surplus less accumulated losses, deferred expenditure and miscellaneous expenditure not written off, if any.

3. Format for furnishing details of net worth and last three years turnover is placed at **Annexure: 2**

4. The Party, must meet each of the following qualification criteria, an affidavit against which is to be provided:

(i) The Party members have not been affected by any of the following events, conditions or circumstances in the 3 Financial Years immediately preceding the EOI Due Date, as certified by the respective statutory auditors of these organizations:

- (a) the Party members having been categorized as a willful defaulter in accordance with Applicable Laws or laws of the country of its incorporation;
- (b) the Party members being subject to proceedings for declaration of or being declared bankrupt, being wound up, or having its affairs administered or conducted by any court, administrator, receiver; or
- (c) the Party members having been declared by a court of India or other competent authority as being unable to pay its debts or having made any composition or arrangements with creditors or having had the repayment of its debts suspended.

(ii) The Party members have not been convicted or otherwise being found responsible (or having any of its directors, partners, trustees, officers or managers convicted or being found responsible) by any court, tribunal, regulatory, public or other competent authority for a breach of any laws or regulations which:

- (a) related to any act of fraud or dishonesty for which a fine, penalty, damages, compensation or other payment was levied against the organization or any of its directors, partners, trustees, officers or managers; or,
- (b) resulted in the permanent or temporary suspension of the rights of the organization to provide any service or carry on any type of business or operations.

(iii) The Party members is not put on 'Holiday' by MRPL or Public Sector Project Management Consultant (like EIL, Mecon only due to "poor performance" or "corrupt and fraudulent practices") or banned/ blacklisted by Central or State Government department, Public Sector on due date of submission of bid. Further, neither Party

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members nor their allied agency(ies) are on banning list of MRPL or the Ministry of Petroleum and Natural Gas.

7.5 The EOI offer must be **valid for a period of 120 days** from the due date of its submission.

7.6 The EOI of the Party failing to meet the criteria under 7.2 to 7.4 above shall be **Rejected**.

7.7 MRPL reserves the right to call the Party for making Presentation(s) before MRPL team / management, seek additional information (if required) and also negotiate on terms and conditions (if required). The decision of MRPL in this regard shall be final and binding on the Party.

8.0 SUBMISSION OF DOCUMENTS

8.1 The EOI complete in all respects should be filled, signed, stamped and submitted through email to the email on or before the due date of submission i.e. **11th June 2024 @ 1400 hrs**. No physical EOI shall be accepted.

8.2 EOI shall consist of the following documents:

1. Cover Letter for submission of the EOI
2. Details of Registration – certificate of incorporation as per Companies Act, 1956 or 2013
3. Details of financial capability (net worth and last three years turnover) duly signed and stamped by a practicing chartered accountant and countersigned by CFO
4. Copy of Audited Financial Statements, including Balance Sheets, Profit & Loss Account for last three preceding financial years duly certified by CFO
5. Affidavit in respect of meeting criteria 7.4 (4)

8.3 Additional documents pertaining to the financial data, if any, submitted as documentary evidence must be certified by the CFO of the Party.

8.4 All pages of the EOI and the enclosures must be certified / attested by the Authorized Signatory.

9.0 GENERAL INSTRUCTIONS ON SUBMISSION OF EOI

9.1 The Party to note that the EOI is to be submitted at email only within due date & time, without marking its copy to any other e-mail ID's of MRPL as the EOIs are to be opened in a secured way only at the appointed time and date. Any failure on part of the Party to comply above may lead to disqualification of its EOI.

9.2 Any communication/e-mail received to above mentioned e-mail ID after **EOI Due date of submission & time**, shall be categorically ignored.

9.3 To avoid delayed delivery of e-mail(s) containing the EOI to above mentioned e-mail ID due to varying reasons including delays due to e-mail server, network problem etc., Party is advised to submit their EOI well in advance as no cognizance shall be given to the e-mail(s) received to above mentioned e-mail ID after due date & time, due to any reason whatsoever.

9.4 While submitting EOI, the following may please be noted:

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- (i) If a large document is attached with email, there is a chance of delivery failure due to mailbox size limitation. Therefore, the Party is required not to send large sized mails, and maximum size of a single mail be restricted to **10 MB**. Party may send multiple mails if the mail size of each mail is more than **10 MB** (preferably not more than 6-7 MB to be on the safer side). Party is also required to compress the mails before sending such mails, preferably in PDF format.
- (ii) Party should ensure the emails and attachments are free from virus etc., as MRPL's E-mail gateway, may drop such infected files.

9.5 EOI must be complete in all respects leaving no scope for ambiguity. It is in the interest of the Party to submit complete and comprehensive proposal leaving no scope for MRPL to raise any further questions. Any deviation to this EOI shall make the offer liable for rejection.

9.6 MRPL may seek clarifications regarding the Party's credentials, documents, information, etc., submitted as part of its EOI in order to evaluate the EOI.

9.7 This request for EOI is being issued with intent for appointment of consultant to set up Green Hydrogen Plant. MRPL reserves the right to terminate EOI process at any point of time without assigning any reason.

9.8 Any revision, clarification, addendum, corrigendum, time extension etc. to this Request for EOI will be hosted on the website only and no separate notification shall be issued in the press. Parties are requested to visit the website regularly to keep themselves updated.

9.9 If the information submitted in the requisite format is found to be incorrect at a later stage, MRPL shall have the right to reject / terminate the EOI.

9.10 Further, MRPL also reserves the right to reject any or all EOI received without assigning any reason.

9.11 No Party or its Parent / Affiliates shall contact MRPL on any matter relating to its EOI after last date of submission of EOI unless requested by MRPL in writing. Any effort by the Party or its Parents or its Affiliates to influence MRPL in the decision making in respect of EOI will result in the rejection of the EOI.

9.12 The issue of this EOI does not imply that MRPL is bound to select and shortlist any or all the prospective consultant(s). Even after selection of suitable prospective consultant, MRPL is not bound to proceed ahead with the prospective consultant and in no case be responsible or liable for any commercial and consequential liabilities in any manner whatsoever. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements. MRPL shall not assure order on any bidder on the basis of this EOI.

9.13 The prospective consultant shall bear all costs associated with the preparation, technical discussion/presentation and submission of EOI. MRPL shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the EOI process.

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ANNEXURES

**EXPRESSION OF INTEREST (EOI) FOR
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ANNEXURE: 1

PROCUREMENT FROM A PARTY WHICH SHARES A LAND BORDER WITH INDIA

1. Order (Public Procurement No. 1) dated 23.07.2020, Order (Public Procurement No. 2) dated 23.07.2020 and Order (Public Procurement No. 3) dated 24.07.2020, Department of Expenditure, Ministry of Finance, Govt. of India refers. The same are available at website <https://doe.gov.in/procurement-policy-divisions>.
2. Any Party from a country which shares a land border with India will be eligible to bid in this tender only if the party is registered with the Competent Authority. For details of competent authority refer to Annexure I of Order (Public Procurement No. 1) dated 23.07.2020.

Further the above will not apply to Party from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Updated lists of countries to which lines of credit have been extended or in which development projects are undertaken are given in the website of the Ministry of External Affairs, Govt. of India

3. **"Party"** (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) **for purpose of this provision** means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of party stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.
4. **"Party from a country which shares a land border with India"** for the purpose of this:
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

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5. **"Beneficial owner"** for the purpose of above (4) will be as under:

- i) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation—

- a) "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - b) "Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
- ii) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 - iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
 - iv) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 - v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

6. **"Agent"** for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons

7. **SUBMISSION OF CERTIFICATE IN BIDS:**

Party shall submit a certificate in this regard as Form-I.

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If such certificate given by a party whose bid is accepted is found to be false, this would be a ground for immediate rejection of the bid/termination and further action as per “Procedure for Action in case of Corrupt/Fraudulent/ Collusive / Coercive Practices” of tender document.

8. The registration, wherever applicable, should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the party was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.

Form-I

UNDERTAKING ON LETTERHEAD

To,
M/s MRPL

SUB:

TENDER NO:

Dear Sir,

We have read the clause regarding Provisions for Procurement from a Party which shares a land border with India, we certify that, party M/s _____ (*Name of Party*) is :

- (i) Not from such a country []
- (ii) If from such a country, has been registered []
with the Competent Authority.
(Evidence of valid registration by the
Competent Authority shall be attached)
(Party is to tick appropriate option (i/ or X) above).

We hereby certify that party M/s _____ (*Name of Party*) fulfills all requirements in this regard and is eligible to be considered against the tender.

Place: [Signature of Authorized Signatory of Party]
Date: Name:
Designation:
Seal:

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ANNEXURE : 2

F-10

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**FORMAT FOR PRACTISING CHARTERED ACCOUNTANT CERTIFICATE FOR
FINANCIAL CAPABILITY OF THE PARTY**

We have verified the Audited Financial Statements and other relevant records of M/s..... (Name of the party) and certify the following:

A. AUDITED ANNUAL TURNOVER* OF LAST 3 YEARS:

Year	Amount
Year 1:	
Year 2:	
Year 3:	

B. NETWORTH* AS PER LAST AUDITED FINANCIAL STATEMENT:

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Description	Year _____
1. Net Worth	Amount (Currency)

***Refer Instructions**

Notes:

- (i) It is further certified that the above mentioned applicable figures are matching with the returns filed with Registrar of Companies (ROC)
- (ii) We confirm that above figures are after referring instructions at page 2 of 2 of Format F-10.
- (iii) Practising Chartered Accountants shall generate Unique Document Identification Number (UDIN) for all certificates issued by them

Name of Audit Firm:
Chartered Accountant
Date:

[Signature of Authorized Signatory]
Name:
Designation:
Seal:
Membership No.:
UDIN:

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Instructions for Format F-10:

1. The Separate Pro-forma shall be used for each member in case of JV/ Consortium.
2. The financial year would be the same as one normally followed by the party for its Annual Report.
3. The party shall provide the audited annual financial statements as required for this Tender document. Failure to do so would result in the Proposal being considered as non- responsive.
4. For the purpose of this Tender document:
 - (i) **Annual Turnover** shall be “Sale Value/ Operating Income” and
 - (ii) **Net Worth** shall be Paid up share capital plus Free Reserves & Surplus less accumulated losses, deferred expenditure and miscellaneous expenditure not written off, if any.
5. **Above figures shall be calculated after considering the qualification, if any, made by the statutory auditor on the audited financial statements of the party including quantified financial implication.**
6. This certificate is to be submitted on the letter head of Practicing Chartered Accountant.

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Annexure -3

DATA TO BE FURNISHED BY THE BIDDER

1. General Information			
1.1	Name of the BIDDER / Firm		
1.2	Nature or legal status of the Firm		
1.3	Name and address of associated companies to be involved in the project with relationship and role, if any.		
1.5	Registered Address of Firm		
1.6	Contact Person		
1.7	Designation and address of Contact person		
1.8	E.mail		
1.9	Turnover & Net worth of the Firm during last three financial years (Please enclose copy of audited annual reports)	Year	Turn Over (INR)
		2021-22	Net Worth (INR)
		2022-23	
		2023-24	
2. Past experience of the bidder.			
2.1	<ul style="list-style-type: none"> • The bidder should have an experience as Engineering, Procurement, and Construction (EPC) Contractor/Engineering, Procurement, and Construction management (EPCM) Services consultant with single point responsibility a reference unit that is either commissioned or in construction phase or having orders in hand to execute green hydrogen project and must be a commercial and non-captive unit [shall mean, other than in-house units executed and completed for their own (themselves)]. Experience of any revamp/ debottlenecking of units and laboratory scale plant shall not be considered for qualification. • Bidders are advise to provide their maximum executed value of orders. 		
2.2	Bidder should provide necessary documents staining the above clauses. The bidder shall give copies of signed Agreement/ Work order/ Purchase order/ acknowledged final report or any other document to prove the scope of completed works against the order to the satisfaction of MRPL.		

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Mangalore Refinery and Petrochemicals Limited (MRPL) is a subsidiary of M/s. Oil and Natural Gas Corporation Limited (ONGC). MRPL proposes to invite Expression of Interest.

EOI Details as follows:

EOI No.	EOI/Projects/2024-25/01
EOI on Website	From 07.05.2024 to 11.06.2024
Last Date for queries/Seeking Clarifications	24.05.2024
Pre-EOI submission meeting with applicants for providing clarifications	28.05.2024
Closing date for submission of EOI	Upto 14:00 Hrs (IST) on 11.06.2024
EOI documents available at	www.mrpl.co.in/eoi

Please contact below mentioned personnel for further details:

Designation	Contact No.	Email id
GM (Projects)	+91-824-2882042 +91-94801 59922	baddimurali@mrpl.co.in

All Credentials/ Documents shall be addressed to

General Manager
Projects Department
Mangalore Refinery & Petrochemicals Ltd
Kuthethoor PO, Via Katipalla, Mangalore – 575 030
Karnataka- India

The envelope containing the documents shall be superscripted
**“Documents for - SELECTION of CONSULTANT TO SET UP GREEN
HYDROGEN PLANT”**