



MAHAREL

MAHAGENCO RENEWABLE ENERGY LIMITED.

NOTICE INVITING BIDS

**Competitive Bidding for CONSULTANCY SERVICES For
EXPLORING OPPORTUNITIES FOR OFF-TAKING OF GREEN HYDROGEN &
ITS DERIVATIVES IN MMRDA REGION AND MAHARASHTRA for
Green Hydrogen Production Plant at URAN
(TO BE SUBMITTED ONLINE DULY FILLED IN AND DIGITALLY SIGNED)**

Date of issuance of invitation: 11.05.2025

The Mahagenco Renewable Energy Ltd., Mumbai, India (MREL) invites online Bid from eligible bidders for CONSULTANCY SERVICES For exploring opportunities for off-taking of green hydrogen & its derivatives in MMRDA region and Maharashtra

Bid specification shall be available for download on website <https://bharat-electronictender.com> after acceptance of tender fee (Rs. 15,000/- plus GST as applicable).

1	Start Date of Acceptance of Tender Fee by MREL and Download of Tender Document.	11/05/2025, 07.00 Hrs.
2	Last Date of Acceptance of Queries/Comments from Bidders	21/05/2025, 18:00 Hrs.
3	Pre-Bid Meeting	27/05/2025, 11.30 Hrs.
4	Last Date of Acceptance of Tender Fee by MREL and Download of Tender Document	04/06/2025, 18.00 Hrs.
5	Last Date for Submission of Online Bid (Techno-Commercial and Price Bids) along with EMD	16/06/2025, 18.00 Hrs.
6	Due Date for Opening of Techno-Commercial Bids	17/06/2025, 15.30 Hrs.
7	Opening of Price Bid of Qualified Bidders	Will be intimated by mail

MREL reserves the right to cancel/withdraw this Invitation for Bids without assigning any reason for such decision. For further amendment / corrigendum / updates, visit website <https://bharat-electronictender.com>.

Sd/-

CHIEF GENERAL MANAGER
MREL

NOTE:

This is an e-tender. Offers shall be submitted and processed in electronic mode only. Physical copies of required document will additionally need to be supplied for verification. The instructions to bidder/terms and conditions appearing in this specification only shall be applicable.

MAHAGENCO RENEWABLE ENERGY LIMITED

DETAILED NOTICE INVITING BIDS

CONSULTANCY SERVICES

For

**Exploring Opportunities for Off-Taking of Green Hydrogen & Its
Derivatives in MMRDA Region and Maharashtra**

For

Green Hydrogen Production Plant at URAN.

Tender search code (TSC) on Bharat E-tendering portal,

<https://bharat-electronictender.com>. is MREL/GH2/T-1/2025

CHIEF GENERAL MANAGER

MREL, 'Prakashgad' 2nd floor,

Bandra (E), Mumbai- 400 051.

Phone No: (022) 6985 2649 2340/41

Email: cgm@mrel.in

1.0 INVITATION TO BID

Bids are invited by Mahagenco Renewable Energy Limited., 'Prakashgad' Ground Floor, Bandra (East), Mumbai 400051 from qualifying bidders for selection of consultant for CONSULTANCY SERVICES for exploring opportunities for off-taking of green hydrogen & its derivatives in MMRDA region and Maharashtra.

2.0 QUALIFYING REQUIREMENTS (QR) OF THE BIDDER

2.1 Technical Criteria:

2.1.1 The Bidder should have relevant experience of providing consultancy services in regard to market studies, analysis, strategies, recommendations for off-taking of petro-chemicals or derivatives preferably in India. Bidders with experience for off-taking of green hydrogen & its derivatives or similar studies will be given preference. Bidder shall submit relevant references from end user, and necessary relevant completion certificates / Work Order, as documentary evidence. On-going projects shall also be considered.

2.1.2 The Bidder shall have adequate workforce with requisite experience in India to carry out consultancy services required for the above work. Bidder shall submit list of such workforce.

2.2 Financial Criteria:

2.2.1 The Bidder should have adequate financial capacity and resources to meet the financial obligations pursuant to other scope of the works covered in the bid document. The bidder should submit copies of his profit and loss account and balance sheet for the last (immediate) three years.

2.2.2 Minimum Average Annual financial turnover of bidder during the last 3 years, ending 31st March of the previous financial year, should be Rs.100 Crores (Rs. Hundred Crores).

2.2.3 The Net Worth of bidders on the last day of the preceding financial year should not be less than 25% of the paid-up share capital.

2.2.4 In case the bidder does not satisfy the technical criteria & financial criteria on its own, then the financial & technical credentials of its holding company shall be submitted along with letter of undertaking from its Holding company supported by the Legal Document pledging unconditional and irrevocable financial &

technical support to the bidder for the execution of the contract till completion of defect liability period of this projects.

3.0 TENDERING PROCESS :

Each bidder shall register itself at the website address <http://bharat-electronictender.com> before the last date mentioned in the notification of invitation of bids (“NIT”). Bidder is required to pay online non-refundable Tender fee of Rs. 15,000/- (Indian Rs. Fifteen Thousand only) exclusive of GST on or before the last date of payment of tender fees, and non-refundable Tender processing fee of Rs. 10,000/- (Indian Rs. Ten Thousand only) exclusive of GST along with Bid.

4.0 SCOPE OF WORK (Brief) / CONTRACT:

4.1 GH2 Policy and current scenario analysis.

4.2 Market analysis for Green Hydrogen.

4.2.1 Survey of local industry / government stakeholders- who could be involved with the hydrogen economy.

4.2.2 Survey timing and milestones, including necessary timeline for Client feedback and length of stakeholder engagement.

4.2.3 To provide the volumes of low carbon hydrogen demand and supply within India and Maharashtra and MMRDA region.

4.2.4 To provide a list of potential low carbon hydrogen competitors within Maharashtra state and MMRDA region.

4.2.5 Assessment of end-use sectors - Refineries, Fertilizer units, City Gas Distribution & Steel.

4.2.6 Identification of specific end-use units (Min. 0.5 kTPA) in and around MMRDA for sale of minimum 0.5 kTPA of green H₂ each.

4.2.7 Landed cost for Green H₂ basis transportation option from proposed Green H₂ plant.

4.3 Market analysis for Green Hydrogen Derivatives and by-products (Ammonia, Methanol, E-Methane, Oxygen, EU ETS).

4.4 Findings & recommendations

4.4.1 High-level recommendation on market entry strategies

- 4.4.2 Market entry timing based on potential market demand analysis
- 4.4.3 Listing of the required certifications for transportation (if applicable)
- 4.4.4 Highlight risks with the identified sectors and off-takers
- 4.4.5 Recommendations for engagement and business development

Sd/-

CHIEF GENERAL MANAGER

MREL