



NOTICE INVITING TENDER (NIT)

FOR

PROVIDING SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT (DPR), BID SPECIFICATIONS, TENDERING ACTIVITY, REVIEW, SCRUTINY, APPROVAL OF DETAILED ENGINEERING, MATERIAL INSPECTIONS & PROJECT MANAGEMENT FOR 8 X 25 MW GRID CONNECTED SOLAR PLANT ALONG WITH BATTERY ENERGY STORAGE SYSTEM IN MAHARASHTRA.

(TO BE SUBMITTED DULY FILLED IN AND DIGITALLY SIGNED)

Tender No. MREL/2026-27/SOLAR HYBRID PMS/T03 dated 19.05.2026

Mahagenco Renewable Energy Limited (MahaGenco REL), Mumbai, India invites interested bidders to bid for mentioned subject.

Bid document shall be available for download on website <https://www.bharat-electronictender.com> after acceptance of payment towards tender document fee of Rs. 17,700/ (Indian Rupees Seventeen Thousand and Seven Hundred only) [i.e Rs. 15,000/- (Indian Rupees Fifteen Thousand) plus 18% GST]

1.	Start Date of Acceptance of Tender Fee by MahaGenco REL and Download of Tender Document.	19.05.2026, 12:00 Hrs.
2.	Last Date of Acceptance of Queries / Comments from Bidders	11.06.2026, 18:00 Hrs.
3.	Date and time of Pre-bid meeting (Pre-Bid Meeting will be held Online, and the link will be shared on the Mahagenco website and tendering portal)	12.06.2026, 11:30 Hrs.
4.	Last Date of Acceptance of Tender Fee by MahaGenco REL and Download of Tender Document	25.06.2026, 18:00 Hrs.
5.	Last Date for Submission of online Bid (Techno-Commercial and Price Bids) along with EMD	29.06.2026, 14:00 Hrs.
6.	Last Date for physical Submission of Techno-Commercial bid (Envelope-1)	30.06.2026, 18:00 Hrs.
7.	Opening of Techno-Commercial Bids	01.07.2026, 11:00 Hrs.
8.	Opening of Price Bid of Qualified Bidders	Will be intimated by mail

MahaGenco REL reserves the right to cancel / withdraw this Invitation for Bids without assigning any reason for such decision. For more details of Notice for Invitation of Tender (NIT), please visit to Bharat portal <https://www.bharat-electronictender.com> as well as MAHAGENCO's official website <https://www.mahagenco.in> For further information, kindly Contact DGM (Commercial & Contracts), MahaGenco REL, E-mail ID- dgmcomcon@mrel.in (Mobile no- +91 86522 00322). Further details / any amendment/ corrigendum / updates will be published only on <https://www.bharat-electronictender.com> only.

Sd/-
Chief General Manager
Mahagenco Renewable Energy Ltd.

1.0 INVITATION TO BID:

Bids are invited by Mahagenco Renewable Energy Limited (MahaGenco REL), 'Prakashgad', Ground Floor, Bandra (East), Mumbai 400051, from qualifying bidders for providing Services for Preparation of Detailed Project Report (DPR), Bid Specifications, Tendering Activity, Review, Scrutiny, approval of Detailed Engineering, Material Inspections & Project Management for 8 x 25 MW Grid connected Solar plant along with Battery Energy Storage System in Maharashtra.

2.0 QUALIFYING REQUIREMENTS OF THE BIDDER

2.1 General Criteria

- i. The Bidder should be a Company/ Partnership Firm / Limited Liability Partnership (LLP) meeting the prescribed technical and financial eligibility requirements. Government-owned enterprises incorporated and registered in India are also eligible to participate in this tender. Additionally, subsidiaries of foreign companies duly incorporated in India under the Companies Act, 2013, prior to the bid submission deadline, shall be eligible to participate.
- ii. JV/Consortium:
 - a. The JV/Consortium will consist of a maximum of two (2) partners, i.e. Lead Partner and JV/Consortium partner. Each JV/Consortium member should have more than 40% participation.
 - b. The Lead Member shall mandatorily be an entity incorporated as a Partnership Firm / a Limited Liability Partnership (LLP) or a Private Limited Company. The Consortium Partner shall be permitted to be a Partnership Firm, a LLP, a Company, or a Sole Proprietorship firm, experience in India is must and experience of both members in RE for all of the modules of tenders can be considered jointly.
 - c. The lead member must have the technical experience. However, the technical experience/qualification of all JV/Consortium members (substantial members, Lead member and non-substantial members) shall be evaluated jointly as per Evaluation Criteria.
- iii. In case of registered Companies, the copy of Certificate of Incorporation (CoI) shall be provided along with the bid documents.
- iv. In case of partnership /LLP the copy of partnership deed registration or agreement shall be provided along with the bid documents.
- v. Member of the joint venture/ consortium (if applicable) shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Govt. of India / State Govt./ Govt. Departments / Public sector undertakings / Any financial institution.
- vi. The bidder must have at least 10 years' experience in the field of providing services in Solar industry for planning and design of Solar projects & experience executing detail engineering for Solar PV plant projects in past 15 years.
- vii. The bidder must have experience in integration of BESS with RE plant.
- viii. Project Management Monitoring/Management experience in RE/thermal power stations/ Water Resource/transportation sector is acceptable

- ix. To prove/fulfil the experience criteria, bidder should submit LoI/LoA along with End User Completion Certificate.
- x. In case of any confidentiality agreement with the client, the bidder can submit 3rd party CA audited certificate endorsed by the Company Director to confirm that submitted projects have been executed & completed by the organization. MahaGenco REL will evaluate & scrutinize such documents after due confirmation.

2.2 TECHNICAL CRITERIA:

The bidder must produce one of the following documents to fulfil Technical Criteria

Three similar completed works each costing not less than INR 2,00,00,000/- (Indian Rupees two Crore only)

OR

Two similar completed works each costing not less than INR 2,50,00,000/- (Indian Rupees Two Crore fifty lakhs only)

OR

One similar completed work costing not less than INR 4,00,00,000/- (Indian Rupees Four Crore only)

Note- Definition of **Similar completed work** should be clearly defined as

- a) 'Preparation of Technical due-diligence/ Pre-Feasibility Report' or 'Detailed Project Report and Design Engineering/Owner's Engineer /Lender's Technical Advisor and Project Monitoring for at least Three (3) Solar/ Solar Hybrid Project having capacity not less than 25MW
- or
- b) Completed at least one FEED project for Solar/Solar Hybrid Project of minimum 25 MW Capacity.

2.3 ELIGIBILITY CRITERIA OF KEY PERSONNEL:

Team member	Experience (Total)	Relevant projects experience
(a) Team Leader	10+ years of experience	5+ projects of similar scope of work
(b) Project Manager / Site-in- Charge	10+ years of experience	5+ projects of similar scope of work
(c) Solar PV Expert	5+ years of experience	4+ projects of similar scope of work
(d) BESS Expert	2+ years of experience	4+ projects of similar scope of work
(e) Plant Design Expert	5+ years of experience	4+ projects of similar scope of work
(f) Electrical / Grid integration Engineer	10+ years of experience	3+ projects of similar scope of work
(g) Quality Assurance/ Quality Check Expert	5+ years of experience	2+ projects of similar scope of work
(h) Environment & Social	5+ years of	2+ projects of similar scope of

Team member	Experience (Total)	Relevant projects experience
Assessment expert	experience	work
(i) Civil/Structural Engineer	10+ years of experience	2+ projects of similar scope of work
(j) Financial/Commercial Expert	10+ years of experience	2+ projects of similar scope of work

2.4 FINANCIAL CRITERIA:

1. The Minimum Average Annual Turnover (MAAT) of the Bidder in the last three financial years (i.e. FY 2023-24 ,2024-25 & 2025-26) must be INR 5,00,00,000/- (Indian Rupees Five Crore only) & above. The Audited balance sheets and annual reports shall be enclosed in support of the above.
2. The Net worth for the last financial year should be 25% of paid-up share capital. In case of LLP, it should be 25% of partner's Capital account.
3. In case the Company does not satisfy the technical criteria & financial criteria stipulated 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.
4. In case of bidder being private or public limited Company, holding company will be decided as per the definition given in the Companies Act, 2013. However, in case of LLP, an entity is considered as holding if it has control over the LLP as defined by the LLP agreement. Partnership firm or any other entity can't be considered as subsidiary. Hence, the clause of holding subsidiary as above will not be applicable to partnership firm or any other legal entity.

3.0 TENDERING PROCESS:

- i. Each bidder shall register itself at the website address <https://www.bharat-electronictender.com> before the last date mentioned in the notification of invitation of bids ("NIT").
- ii. The bidder is required to pay online non-refundable Tender fee of Rs. 17,700/- (Indian Rupees Seventeen Thousand Seven hundred only) towards tender fee i.e INR 15,000/- plus GST @18% (Indian Rupees fifteen Thousand only plus GST @18%) on or before the last date of payment of tender fees.
- iii. The bidder is required to pay non-refundable Tender processing fee of Rs. 29,500/ (Indian Rupees twenty-nine thousand five hundred only) towards tender processing fee i.e INR 25,000/- plus GST @18% (Indian Rupees Twenty-five Thousand Only plus GST @ 18%) to be submitted in the form of NEFT / RTGS transfer in the account of MahaGenco REL. Receipt for Tender Processing Fee is to be deposited along with the Bid document submission.
- iv. EMD of Rs. 5,00,000/- (Indian Rupees Five lakh only) can be paid in the form of either NEFT / RTGS transfer in the account of MahaGenco REL or Demand Draft / Banker's Cheque in favor of "Mahagenco Renewable Energy Limited", Mumbai Payable at Mumbai or in the form of Bank Guarantee/ Insurance Surety Bond as per the prescribed format in tender document (With a validity of 120 days from the due date of Bid Submission). The receipt of the payment

must be uploaded on the e-tendering portal.

- v. The access to official copy of the Tender Document on e-tendering portal shall be provided only upon receipt of confirmation of the tender document fee payment along with the transaction details and bidder's permanent Organization ID (OID) (given by Bharat e-tendering portal) at dgmcomcon@mrel.in.
- vi. Tender document fees & Tender Processing fees payment to MahaGenco REL is to be made through NEFT/RTGS to MahaGenco REL to the bank details provided in the system NIT of Bharat Portal

Please note that Bharat portal has their own Registration fees (in case New Member) and Tender/Tender Processing fees which is to be paid to their account from the portal itself.

4.0 SCOPE OF WORK (BRIEF)

4.1 Module A: Pre-FEED Engineering

Preparing project-wise pre-feasibility report & detailed project report comprising review of infrastructural Hydrology Studies – Flood Risk Assessment, review of geotechnical investigations, review of topographic surveys, Project Risk Analysis, financial modelling, energy yield assessment, conceptualizing key electrical systems, civil structural, and infrastructure systems, overall basic engineering and layouts, Energy yield reports, Site visits, BOQ preparation, A comparative cost estimation with optimization for best possible project options, review of key agreements, review applicable national and local regulations, standards, and permitting requirements.

4.2 Module B:

- (i) Preparation of Tender Spec., bid evaluation to LoA
 1. Preparation of key drawings (electrical/civil/mechanical) necessary for project.
 2. Design and Development: Civil, Structural, Infrastructure Planning, Electrical (PV Plant layouts & schematics, DC system designs and engineering, Inverter station layouts and schematics, Grounding & Lightning protection systems, Grid connection support, Power systems analysis and studies, Electrical design and system specification, SCADA and communication systems specification, Electrical loss assessments, System studies for high energy penetration into the electrical networks, System studies for off grid electrical systems, Electrical equipment technology reviews).
 3. Preparation of Technical Bid specification for Supply of PV modules for 8 x 25 MW Solar Plant, Supply of Balance of System (BoS), Supply of Battery Energy Storage System (BESS), Assembly, Testing at Works, Supply at Site; Civil, Structural & Architectural Works and Erection, Testing & Commissioning of Balance of System (BoS), installation & commissioning with associated HT overhead transmission line up to the point of interconnection including O&M.

4. Preparation of reply to pre-bid queries, preparation of amendment to technical specifications, assistance in tender processing until issuance of LoA.
- (ii) Scrutiny & approval of Design Engineering documents submitted by EPC Contractor
1. Review of the Contractor's basic and detailed design engineering and drawings and other relevant technical documentation concerning major systems, equipment, materials and works.
 2. The objective of the design review shall be to determine the compatibility of equipment and plant systems that systems will be capable of safely & optimally performing their specified functions during the entire intended life-time and that adequate technical specification and drawings are provided by the Contractor(s) for all plant equipment.
 3. The concern agency shall review the adequacy of design and check on the Contractor's designs & drawings in compliance to Contractual requirements, statutory requirements, technical specifications, applicable codes, standards and grid requirements, optimization (plant optimization, land optimization etc.), Module structure and ground area occupation ratio for each of the technology, Interface requirements (Remote monitoring system like SCADA for data access etc.), design and layout of the plant to meet to ease the O&M requirements of the plant like equipment accessibility, cleaning and removal provisions etc., Adequacy of Design to meet Functional and Guaranteed parameters, Evacuation infrastructure (Compatibility of system for evacuation of power to the grid).
 4. Apart from above, detailed Engineering for any work not included in the scope but are required to be carried out by Project Developer shall be in the scope of agency.
- 4.3 Module C: PMC services with Project execution support
1. To monitor regularly and feed observations to the execution team for compliance with safety and health management.
 2. Ensure there is no deviation from design, lapse in quality during execution, or reason to defer beyond schedule.
 3. Execution Quality Management: pre-dispatch inspection, on-site quality assurance, quality checks
 4. Incoming material inspection, in-process inspection, pre-shipment inspection, Container loading inspection
 5. Plant Testing and Commissioning Support, Assistance for Plant Acceptance, Plant Handover
 6. Project documentation management & Project management related activities

Sd/-
CHIEF GENERAL MANAGER
Mahagenco Renewable Energy Ltd.