



**Mahatma Phule Renewable Energy and Infrastructure Technology  
Limited. (MAHAPREIT)  
(A Wholly Owned MPBCDC, Govt of Maharashtra Company)**

**(Open Tender Basis)**

**(Domestic Competitive Bidding)**

**NOTICE INVITING TENDER**

BID DOCUMENT NO: MAHAPREIT/SEP-02/06-23

July, 2023

**SUBJECT:** Notice inviting tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning, and Five (05) years comprehensive Operation & Maintenance of total 50 MW(AC) grid connected solar PV power plant in the state of Maharashtra.

1.1. The Mahatma Phule Renewable Energy & Infrastructure Technology Limited, Mumbai, India (MAHAPREIT) invites online Bids on open tender basis Single Stage Two Envelope (i.e., Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) for "Design, Engineering, Supply, Construction, Erection, Testing, Commissioning, and Five (05) years comprehensive Operation & Maintenance of total 50 MW(AC) grid connected solar PV power plant in the Sangli District of State of Maharashtra. The Solar Modules to be used for this project shall be sourced only from the Model and Manufactures included in the latest "Approved List of Models and Manufactures (ALMM)" issued by MNRE.

1.2. The Project shall be installed at following locations for total 50 MW(AC)

<b>Project Location</b>	<b>Latitude, Longitude</b>	<b>Substation Location</b>
KUNDALPUR	17° 11'42.05"N, 74° 8'6.9017"E	220 kV Ghatnandre substation of MSETCL
TISANGI	17.14937842° 'N, 74.86603461°E	
RAJURI	17.14937842°N, 74.86603461°E	
GHATNANDRE	17.1744206°N, 74.866785°E	

**Note:** Bidders may note that the land availability at aforementioned locations is estimated and may vary depending upon the land acquisition. Some alternative land location nearby to the substation or aforementioned may be prescribed while issuing the Notice to Proceed post award of LOA by MAHAPREIT.

**1.3. Brief Details/Key Input**

S. No.	Description of Item	Particulars										
1.	Brief Scope of Work	"Design, Engineering, Supply, Construction, Erection, Testing, Commissioning, and Five (05) years comprehensive Operation & Maintenance of total 50 MW(AC) grid connected solar PV power plant in the Sangli District of State of Maharashtra, as described in technical specification.										
2.	(a) Duration of Engineering, Procurement and Construction (EPC) (b) Duration of Comprehensive Operative & maintenance (O&M)	a) 380 days from the date of issuance of Letter of Award (LoA) to the contractor. The execution period for the Contractor will be linked with Notice to Proceed to be issued by the MAHAPREIT post land acquisition. b) 05 (Five) years from the date of completion of Commercial Operation Date (COD)										
3.	Cost of Bid document (non-refundable)	<p>INR 10,000.00 (Ten Thousand only) + 18% GST Bidders can pay for the cost of documents in the form of electronic transfer/NEFT payments in the following account details of MAHAPREIT:</p> <table border="1" data-bbox="651 1193 1401 1487"> <tr> <td data-bbox="651 1193 906 1317">Name of Party</td> <td data-bbox="906 1193 1401 1317">Mahatma Phule Renewable Energy and Infrastructure Technology Ltd.</td> </tr> <tr> <td data-bbox="651 1317 906 1361">Name of Bank:</td> <td data-bbox="906 1317 1401 1361">ICICI Bank</td> </tr> <tr> <td data-bbox="651 1361 906 1406">Account No:</td> <td data-bbox="906 1361 1401 1406">054405500470</td> </tr> <tr> <td data-bbox="651 1406 906 1451">IFSC:</td> <td data-bbox="906 1406 1401 1451">ICIC0000544</td> </tr> <tr> <td data-bbox="651 1451 906 1487">Address:</td> <td data-bbox="906 1451 1401 1487">MIDC, Andheri (East), Mumbai.</td> </tr> </table> <p>The Bidder shall be required to forward the copy of electronic fund transfer receipt from their registered E-mail ID to MAHAPREIT Email ID: <a href="mailto:cgm.sep@mahapreit.in">cgm.sep@mahapreit.in</a> &amp; <a href="mailto:cfo@mahapreit.in">cfo@mahapreit.in</a> requesting for access of download of the bidding documents in the working day.</p> <p><b>Bid without cost of bid document shall not be considered for the bidding and such bids shall not be opened by MAHAPREIT.</b></p>	Name of Party	Mahatma Phule Renewable Energy and Infrastructure Technology Ltd.	Name of Bank:	ICICI Bank	Account No:	054405500470	IFSC:	ICIC0000544	Address:	MIDC, Andheri (East), Mumbai.
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S. No.	Description of Item	Particulars										
4.	Processing Fee (Non-refundable)	Rs. 10,000 per MW + 18% GST to be paid through online payment. <b>Note:</b> Bidder should submit successful payment receipt with the bid document. Non-submission of Processing fee as mentioned in the Bid Information Sheet, such bids shall not be considered by MAHAPREIT.										
5.	Earnest Money Deposit (Bid security deposit)	INR 4.5 Lakh/MW on 50 MW(AC) capacity. <b>Total EMD is INR 2.25Cr (Rupees Two Crore Twenty Five Lakh only)</b> The bank detail of MAHAPREIT Ltd for Bank Guarantee is as under: <table border="1" data-bbox="630 795 1396 1086"> <tr> <td>Name of Party</td> <td>Mahatma Phule Renewable Energy and Infrastructure Technology Ltd.</td> </tr> <tr> <td>Name of Bank:</td> <td>ICICI Bank</td> </tr> <tr> <td>Account No:</td> <td>054405500470</td> </tr> <tr> <td>IFSC:</td> <td>ICIC0000544</td> </tr> <tr> <td>Address:</td> <td>MIDC, Andheri (East), Mumbai.</td> </tr> </table>	Name of Party	Mahatma Phule Renewable Energy and Infrastructure Technology Ltd.	Name of Bank:	ICICI Bank	Account No:	054405500470	IFSC:	ICIC0000544	Address:	MIDC, Andheri (East), Mumbai.
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Address:	MIDC, Andheri (East), Mumbai.											
6.	Bid documents available for downloading	From 21.07.2023 at 1800 hrs to 21.08.2023 till 1800 hrs										
7.	Website for downloading of Bid documents/uploading of filled in Bid Response Sheets only in e-mode	<a href="https://organizations.maharashtra.nextprocure.in/">https://organizations.maharashtra.nextprocure.in/</a> <a href="https://mahapreit.in">https://mahapreit.in</a>										
8.	Date & Time of Pre-bid meeting	07.08.2023 at 1500 hrs										
9.	Venue of Pre-bid Meeting	MAHAPREIT, B-501 Pinnacle Corporate Park, Next to Trade Center, BKC, Bandra (East), Mumbai - 400051										
10.	Last date and time of submission of bid	21.08.2023 at 1500 hrs										
11.	Date & time of opening of Techno-commercial Bid	21.08.2023 at 1600 hrs										

12.	Date & time of opening of Price Bid	Will be intimated later on
13.	Address for submission of sealed hard copy of Techno-commercial bid & Opening of Bids	MAHAPREIT, B-501 Pinnacle Corporate Park, Next to Trade Center, BKC, Bandra (East), Mumbai - 400051
14.	Currency of Bids	Indian Rupees (INR)
15.	Bidders' eligibility	Bidders intending to participate in this bid shall fulfil the Eligibility Criteria as per Clause 1.4 of the NIT
16.	Period of Bid validity	180 days from the last date of submission of bids prescribed by MAHAPREIT and any extension thereof

MAHAPREIT reserves the right to cancel/withdraw this Invitation for Bids without assigning any reason for such decision.

*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.*

#### **1.4. BIDDER'S ELIGIBILITY CRITERIA**

Above tender is an Open Tender Enquiry on Domestic Competitive Bidding and all EPC Vendors from within India (hereinafter called "Bidders") shall be eligible to participate in NIT subject to fulfilling the following eligibility criteria:

##### **1.4.1. TECHNICAL CRITERIA**

The Bidder should meet the qualifying requirements stipulated hereunder in the last seven (07) years prior to the date of NIT.

1.4.1.1. The Bidder should have designed, supplied, erected/ supervised erection and commissioned the EPC of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 25 MWp or higher capacity out of which at least one plant must be of 20 MWp or higher capacity.

The reference plant of 20 MWp or higher capacity must be in successful operation for at least three (3) months prior to the date of NIT.

OR

1.4.1.2. The Bidder should be an Indian company registered in India and should be Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.4.1.1 above.

In such a case, Bidder shall furnish an Undertaking jointly executed by the

firm qualified as per clause 1.4.1.1 and the Bidder along with its bid for complete performance of the contract jointly or severally as per format enclosed in the bid document failing which the Bidder's bid is liable to be rejected.

### **Notes for Clause 1.4.1**

- a) The reference SPV based grid-connected power plant of 25 MWp or above capacity should be at a single location developed by Bidder for itself or any other client.
- b) SPV based Roof-top/Floating solar power projects, which are grid connected, shall also be considered eligible for QR purposes.
- c) For clause 1.4.1.1, Bidder shall submit LOA, certificate of successful completion and operation from the Owner.
- d) Direct/Indirect Order  
The Bidder shall also be considered qualified, in case the award for executing the reference work has been received by the Bidder either directly from the owner of the plant or any other intermediary organization. In such a case, a certificate from such owner of plant or any other intermediary organization shall be required to be furnished by the Bidder along with its Techno-Commercial bid in support of Bidder's claim of meeting the qualification requirement as per clause 1.4.1.1.
- e) Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.
- f) The Clause 1.4.1.1, refers to works for EPC related to minimum four of the following:
  - i. Supply of Solar Modules (Compulsory for EPC Works)
  - ii. Erection of modules
  - iii. Civil works including Module mounting structures/floater
  - iv. Inverters (Power Conditioning Units) and/or Inverter Transformers
  - v. Cables and Cabling Works

### **1.4.2. FINANCIAL CRITERIA**

#### **1.4.2.1. Cumulative Turnover of the Bidder for last three (3) financial years shall be at least 6.0 Cr. X 50 X 0.7 = 210 Cr**

1.4.2.2. The Net Worth of the Bidder during the last Financial Year shall be positive, wherein the Net Worth shall be calculated as follows:

*Net Worth = (Equity + Reserves) – (Revaluation reserves+ intangible assets + miscellaneous expenses to the extent not written off + carried forward losses).*

1.4.2.3. The Bidder shall provide a copy each of audited annual report to ascertain their turnover & net-worth.

1.4.2.4. The Bidder shall submit audited annual report of FYs 2019-20, 2020-