



**MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED**  
Renewable Energy –Project & Planning,  
HDIL Tower, A Wing, 4<sup>th</sup> Floor, Bandra (East), Mumbai – 400 051.  
(Tel: : 91-22-69415333, 69415330, 69415338  
Fax No: 91-22-26476518  
email: [cespgd@mahagenco.in](mailto:cespgd@mahagenco.in), [dycespgd@mahagenco.in](mailto:dycespgd@mahagenco.in),

**Notice Inviting Tender (NIT)**  
**Tender No: : CE/RE-P&P/MSKVY 2.0/MODULE/750 MW**

Maharashtra State Power Generation Company Ltd. (MSPGCL) invites online bids for Manufacture and Supply of Solar PV Modules of 750 MWp capacity for Solar Power Projects in the state of Maharashtra, India under Local Competitive Bidding from prospective Bidders.

**Single tender has been published for Manufacture and Supply of Solar PV Modules of 750 MWp on Bharat Portal following E-Tendering website <https://www.bharat-electronictender.com>**

**Tender schedule:**

|    |                                                                                   |                              |
|----|-----------------------------------------------------------------------------------|------------------------------|
| 1. | Start date of acceptance of tender fee by MAHAGENCO & download of tender document | 18/03/2024 at 15.00 Hrs. IST |
| 2. | Pre-bid conference<br>(only for the Bidders who purchase the Bid document)        | 05/04/2024 at 11.00 Hrs. IST |
| 3. | Last date of acceptance of queries/comments from bidders                          | 12/04/2024 at 17.00 Hrs. IST |
| 4. | Issue of amended bid document                                                     | 26/04/2024 at 17.00 Hrs. IST |
| 5. | Last date of online sale of Bid Document                                          | 02/05/2024 at 18.00 Hrs. IST |
| 6. | Last date for Submission of Online Bid                                            | 03/05/2024 at 12.00 Hrs. IST |
| 7. | Last date of submission of physical support documents                             | 03/05/2024 at 16.00 Hrs. IST |
| 8. | Due date for opening of techno-commercial bids                                    | 03/05/2024 at 16.30 Hrs. IST |
| 9. | Due date for opening of Price bid                                                 | Will be intimated later      |

MAHAGENCO 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 following E-Tendering website <https://www.bharat-electronictender.com> as well as MAHAGENCO's official website <https://www.mahagenco.in>

Sd/-  
**Chief Engineer (RE-P&P)**  
**Mahagenco, HO Mumbai.**

# MAHARASHTRA STATE POWER GENERATION CO. LTD

## NOTIFICATION OF INVITATION OF BIDS

Local Competitive Bidding for Manufacture and Supply of Solar PV Modules of 750 MWp capacity for Solar Power Projects in the state of Maharashtra, India.

**(TO BE SUBMITTED ONLINE DULY FILLED IN AND DIGITALLY SIGNED)**

The Maharashtra State Power Generation Company Ltd. (MSPGCL) invites online bids for Manufacture and Supply of Solar PV Modules of 750 MWp capacity for Solar Power Projects in the state of Maharashtra, India under Local Competitive Bidding from prospective Bidders.

**The minimum capacity allocated to the bidder shall be 50MWp and in multiples of 50MWp. The maximum allocation to a single bidder shall be 300MWp**

### 1. Bid Prices

a) The bidder shall quote the price for qualified capacity (in MWp) as per Price Bid Response Sheet (PBRs) as detailed below:

1. **PBRs -I** : Solar PV modules (including Mandatory Spares) to be supplied within Maharashtra shall be quoted on EXW (Ex-Factory, Ex-Works, Ex-Warehouse as applicable) basis and shall be inclusive of all costs as well as taxes, duties and levies paid or payable on components and raw materials incorporated or to be incorporated in the facilities except Goods and Services Tax (GST), payable in the Maharashtra.

Mandatory Spares (0.3%) to be provided proportionate as indicated in price schedule for each wattage capacity of module offered.

2. **PBRs -II** : Local Transportation, Insurance & other local costs incidental to delivery of Solar PV modules (including mandatory spares)

The bidder shall quote the Local Transportation, Insurance & other local costs incidental to delivery of Solar PV modules (including mandatory spares) to Project Site in PBRs-II.

(MAHGENCO Project Sites shall be within the 10KM periphery of substations mentioned in Section-4, ANNEXURE-8, bidders can estimate material transportation distance accordingly while bidding.)

3. **PBRs-III:** Goods and Services Tax (GST) applicable on goods and services specified in PBRs-I & PBRs-II shall not be included in above schedules but shall be quoted separately in PBRs-III. The Goods & Services Tax (GST) quoted by the bidder in PBRs shall be as applicable in Maharashtra.

**Note- The sum total of the PBRs-1, II and III shall be equal to the final price (including taxes and duties) as quoted by the bidder.**

- b) Supplier shall assess and ascertain applicability of taxes, duties, levies etc., applicable under the Contract. It is clearly understood that except for the specific provision covered in these conditions, MAHAGENCO will also not have any liability, whatsoever, on account of taxes, duties, levies etc.

## 2. PRICE BID EVALUATION CRITERIA

- (I). After Evaluation of Stage-1 bid, MAHAGENCO may invite Stage-2 to bid from the bidder who have been considered qualified and whose bid has been Techno Commercially responsive.
- (II). During Price Bid submission the Price Bid shall be summarily rejected as being non-responsive if the bidder fails to submit the Electronic Form for price Quote (PBRs I, PBRs II, PBRs III).
- (III). The prices quoted by the Bidder in the Electronic Form shall be considered for evaluation.
- (IV). The evaluation shall be done including taxes & duties.
- (V). Evaluated Bid Value (EBV) = (Quoted Bid Price (QP)– Adjustment Factor (AF)) / Capacity in MWp quoted by the bidder (C)

Where,

Quoted Bid price (QP)= PBRs I + PBRs II + PBRs III

Adjustment Factor (AF) shall be calculated as per Technical Specifications which is as under:

- a) The bidder shall be required to quote MWp of each Nominal Wattage modules and their respective deliverable quantity in relevant schedule of tender documents.
- b) The bidder's Bid Price shall be adjusted with Adjustment Factor (AF) calculated depending on the module wattage bin distribution for base rating module wattage corresponding to 540 Wp.
- c) Assuming X as the Nominal Wattage of PV Module Quoted by the bidder, the bid evaluation factor shall be as follows:

| ADJUSTMENT FACTOR |                                                 |
|-------------------|-------------------------------------------------|
| Wp<br>(X)         | Adjustment Factor in<br>Lakhs/MWp (Rounded off) |
| 540               | 0.000                                           |
| 545               | 0.350                                           |
| 550               | 0.700                                           |
| 555               | 1.050                                           |
| 560               | 1.400                                           |

The adjustment factor (AF) for the quoted capacity of a bidder shall be based on the bid configuration offered by the bidder. The bidder with lowest EBV shall be determined after considering the adjustment factor which is directly related to MWp quantities of nominal ratings of PV Modules offered by the bidder and a sample calculation is shown below.

### a) Sample Calculation:

| Module Offered by Bidder |    |     |
|--------------------------|----|-----|
| 540                      | 30 | MWp |
| 545                      | 30 | MWp |
| 550                      | 25 | MWp |
| 555                      | 15 | MWp |

|                  |     |     |
|------------------|-----|-----|
| Quoted by bidder | 100 | MWp |
|------------------|-----|-----|

| Wp of Module                           | Adjustment factor for Wp (Lakhs/MWp)<br>(A) | Offered Quantity MWp<br>(B) | Adjustment factor in INR Lakhs<br>(C = A x B) |
|----------------------------------------|---------------------------------------------|-----------------------------|-----------------------------------------------|
| 540                                    | 0.000                                       | 30                          | 0                                             |
| 545                                    | 0.350                                       | 30                          | 10.50                                         |
| 550                                    | 0.700                                       | 25                          | 17.50                                         |
| 555                                    | 1.050                                       | 15                          | 15.75                                         |
| Total Adjustment Factor ( $\Sigma C$ ) |                                             |                             | <b>43.75</b>                                  |

Say Quoted bid price (QP)= Rs 20,000 Lakhs  
Capacity = 100 MWp

Evaluated Bid Value (EBV) = (Quoted Bid Price (QP) – Adjustment Factor (AF)) /  
Capacity quoted by the bidder (C)

EBV = ((QP) – (AF)) / 100  
= ((20,000 – 43.75) / 100) = 199.56 INR Lakhs per MWp

### 3. VENDOR REGISTRATION & TENDER FEE

Bidder shall register itself at the website address <https://www.bharat-electronictender.com> on online payment of the Tender fees of Rs. 25,000.00 (Rs. Twenty-Five Thousand only) +18% GST i.e INR 29,500/- inclusive as applicable before the last date for registration mentioned in the notification of invitation of bids ("NIT"). Vendor registration fee is non-refundable. Bidder to inform MSPGCL with email along with the payment acknowledgment immediately on payment:

|              |                                                         |
|--------------|---------------------------------------------------------|
| Name of Bank | Canara Bank                                             |
| Account No.  | 0239201022329                                           |
| IFSC         | CNRB0001903                                             |
| Address      | Prime corporate branch II, Nariman point, Mumbai-400021 |

Bidders are required to register themselves online with ISN Electronic Tender Services website i.e., the Bharat E-Portal (if not registered already) through the payment gateway facility of the e-bidding portal by making a payment of relevant fees (currency INR 3,000 (Indian Rupees Three Thousand only)) plus applicable taxes as indicated in Bharat E-Portal.

### 4. BID SECURITY (EMD)

Each Bidder shall be required to submit Bid Security/ Earnest Money Deposit (EMD) along with bid in the form of bank guarantee as per Annexure 5, issued by any branch of Bank mentioned in list attached as per Annexure 6. The Bid Security shall be valid for a period of 45 days from the date of submission of the Bid (online). It is to be noted that the Bid Security to be provided must be issued from the list of Banks provide in the Annexure 6 payable at Mumbai only.

| Bidding Capacity in MW | EMD amount in INR |
|------------------------|-------------------|
| 50                     | Rs. 1,25,00,000/- |

|     |                   |
|-----|-------------------|
| 100 | Rs. 2,50,00,000/- |
| 150 | Rs. 3,75,00,000/- |
| 200 | Rs. 5,00,00,000/- |
| 250 | Rs. 6,25,00,000/- |
| 300 | Rs. 7,50,00,000/- |

## 5. QUALIFYING REQUIREMENTS:

### 5.1 EXPERIENCE

- a) The Bidder should have manufactured and supplied Solar Photo Voltaic (SPV) Modules of cumulative capacity of 40MWp or above, out of which at least one such supply order should be for a project of 10 MWp or above capacity and such project must have been in successful operation for at least one year from the Commercial Operation Date (COD), prior to the date of Techno-commercial Bid opening.

AND

- b) The Bidder should be Solar PV module manufacturer and listed in latest list of ALMM published by MNRE. The bidder should have fully automatic working solar PV module manufacturing facility and should have minimum yearly production capacity and bidding capacity as below.

| Yearly Solar Modules Production Capacity in MWp | Eligible Range for bidding capacity in MWp |
|-------------------------------------------------|--------------------------------------------|
| 500                                             | 50-75                                      |
| 1000                                            | 100-150                                    |
| 1500                                            | 150-200                                    |
| 2000 and above                                  | 200-300                                    |

### Notes:

- The Supply Order of minimum capacity of 2 MWp or above only shall be considered for cumulative capacity determination in clause 5.1.a.
- SPV based Supply Order for Roof-top/Floating solar power projects, which are grid connected, shall also be considered eligible for QR purposes.
- Bidder shall submit Letter of Award/ Purchase Order/Agreement along with certificate of successful completion of Supply Order and successful 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 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 qualification requirement as per clause 5.1.a above.

### 5.2 FINANCIAL CRITERIA

#### A) NET WORTH

Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 100% (hundred percent) of Bidder's paid-up share capital.

- In case the Bidder is not able to furnish its audited financial statements on standalone

entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents on substantiation of its qualification:

Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.

Certificate from the CEO/ CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statement of the Holding Company.

In case where audited results for the last financial year as on date of Techno-commercial Bid opening is not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of three consecutive financial years preceding the last financial year shall be considered for evaluating financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that the financial results of the company are under audit as on date of Techno-commercial Bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

- ii. Following evidence/proof is to be submitted by the applicant in support of fulfilment of **“Financial Criteria”**:
- Annual report, Audited financial statements.
  - Besides Annual report/Audited financial statements, the bidders are required to submit Statutory Auditor/CA Certificate in support of Net worth & turnover. Such certificate(s) should contain Unique Document Identification Number (UDIN), duly generated by Statutory Auditor/practicing Chartered Accountant.

Notes for Clause No 5.2:

- a) The Net worth shall be submitted in terms of definition under sub section 2 (57) of the Companies Act 2013 as amended from time to time, duly certified by Statutory Auditor/a practicing Chartered Accountant.
- b) Net worth means the sum total of the paid-up share capital and free reserves. Free reserves means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
- c) Other income shall not be considered for arriving at annual turnover.
- d) “Holding Company” shall have the meaning ascribed to them as per Companies Act of India.
- e) For the purposes of meeting financial requirements, only unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) equity in each company whose accounts are merged in the audited consolidated accounts.
- f) In case an Applicant does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover

requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid- up share capital of the Holding Company. In such an event, the Applicant would be required to furnish a letter of Undertaking from the Holding Company along with its Bid as per the format enclosed in the bid document, supported by the Holding Company's Resolution pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

**B) TURNOVER**

The Bidder should have an Annual Average Turnover for the last three (03) Financial Years, ending on [31st March of the last Financial Year] as below:

| <b>Eligibility criteria</b>                                                                                      | <b>Amount</b>                               |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Annual Average Turnover for the last three (03) Financial Years, ending on 31st March of the last Financial Year | Rs. 1 Cr. Per MWp for total quoted capacity |

In case a Bidder does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid- up share capital of the Holding Company. In such an event, the Bidder would be required to furnish along with its Techno-commercial Bid, a Letter of Undertaking from the Holding Company, supported by the Holding Company's Board Resolution, as per the format enclosed in the Bidding documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

In case where audited results for the immediately preceding Financial Year to the date of NIT are not available, the financial results certified by a practicing Chartered Accountant shall be accepted.

Sd/-  
**Chief Engineer (RE-P&P)**  
**Mahagenco, HO Mumbai**