



MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED
Renewable Energy –Project & Planning,
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Notice Inviting Tender (NIT)

RfX NO: 3000052194

Maharashtra State Power Generation Company Ltd. (MSPGCL) invites online bids for “EPC Package with Land including Design, Engineering, Manufacturing, Inspection, Supply, Erection, Testing and Commissioning of 300 MW(AC) Grid Connected Ground Mounted Solar PV projects along with associated power evacuation system up to STU substation including three (03) years Operation and Maintenance (O&M) of the same with minimum project of 50 MW(AC) at single location anywhere in Maharashtra under RE Bundling Scheme.”

Single tender is being published for cumulative capacity of 300 MWAC on MAHAGENCO's e-procurement portal <https://eprocurement.mahagenco.in>.

Tender schedule:

1.	Start date of acceptance of tender fee by MAHAGENCO & download of tender document	11/10/2024 at 10.00 Hrs. IST
2.	Pre-bid conference	22/10/2024 at 11.00 Hrs. IST
3.	Last date of acceptance of queries/comments from bidders	23/10/2024 at 17.00 Hrs. IST
4.	Issue of amended bid document	31/10/2024 at 17.00 Hrs. IST
5.	Last date of online sale of Bid Document	13/11/2024 at 18.00 Hrs. IST
6.	Last date for Submission of Online Bid	14/11/2024 at 12.00 Hrs. IST
7.	Last date of submission of physical support documents	14/11/2024 at 16.00 Hrs. IST
8.	Due date for opening of techno-commercial bids	14/11/2024 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 MAHAGENCO's e-procurement portal <https://eprocurement.mahagenco.in> 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

Competitive Bidding for selection of EPC Package with Land including Design, Engineering, Manufacturing, Supply, Erection, Inspection, Installation, Testing and Commissioning of 300 MWAC Grid Connected Ground Mounted Solar PV projects along with associated power evacuation system up to STU substation including three (03) years Operation and Maintenance (O&M) of the same with minimum project of 50 MWAC at single location anywhere in Maharashtra, India from prospective Bidders.

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

The Maharashtra State Power Generation Co. Ltd., Mumbai, India (MAHAGENCO) invites online Bids (Two Bid System i.e. separate bid for technical/commercial and price bid) from eligible Bidder's for selection of EPC Package with Land including Design, Engineering, Manufacturing, Supply, Erection, Inspection, Installation, Testing and Commissioning of 300 MWAC Grid Connected Ground Mounted Solar PV projects along with associated power evacuation system up to STU substation including three (03) years Operation and Maintenance (O&M) of the same with minimum project of 50 MWAC at single location anywhere in Maharashtra, India

Details are as under;

Sr. No.	Project Location	Capacity	Energy Measurement / Point of Interconnection
1	Anywhere in Maharashtra	300MW _{AC}	MSETCL STU substation (33 kV & Above)
Note: Bidding capacity for Single Bidder: Minimum 50 MW _{AC} & Maximum 300 MW _{AC}			

Bid specification shall be available for download on website <https://eprocurement.mahagenco.in> after acceptance of vendor registration fee (INR 5000 /- + applicable GST) and tender fees (INR.10000/- + applicable GST) through online payment gateway at <https://eprocurement.mahagenco.in>

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CHIEF ENGINEER (RE-P&P)

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.

1.0 BRIEF SCOPE OF WORKS

The bidder scope of work under the contract includes end to end delivery of the commissioned plant to MSPGCL, which will include (but not limited to) the identifying and arranging of required land, design, engineering, procurement of equipment and material, testing at manufacturer's works, packing and forwarding, transportation, supply, receipt and unloading at site, storage, insurance at all stages, associated civil works, electrical works, services, permits, licenses, installation, erection, testing, commissioning, performance demonstration and operational acceptance along with power evacuation system up to MSETCL (STU) substation for Contracted Capacity Grid Interactive Solar PV Power Plant on turnkey basis. The scope also includes three (03) years Operation and Maintenance (O&M) of the solar PV plant including Switchyard, transmission lines and EHV bay at STU substation.

The minimum bid capacity is 50 MW (AC) & maximum 300 MW(AC) with minimum project capacity to be develop at single location is 50 MW(AC) for single bidder.

1.1 VENDOR REGISTRATION FEE, TENDER

- 1.1.1** Each bidder shall register itself at the website address <https://eprocurement.mahagenco.in> on online payment of the vendor registration fees Rs. 5000 /- + GST Extra as applicable before the last date for registration mentioned in the notification of invitation of bids ("NIT"). Vendor registration fee is non- refundable.
- 1.1.2** Bidder is required to pay online non-refundable Tender fee of INR 10,000/- + GST i.e. INR11,800 /- on or before the last date of payment of tender fees. Overseas bidders shall submit vendor registration fee and tender fee through international debit/credit card.

1.2 BID SECURITY (EMD)

Each Bidder shall be required to submit Bid Security/ Earnest Money Deposit (EMD) for quoted capacity at the rate of Rs 1 lakh/MW (AC) along with bid in the form of bank guarantee as per Annexure -12, issued by any branch of Bank mentioned in list attached in Annexure-20 payable at Mumbai only along with Bank branch details. In the case of a Consortium, either of the partner/member shall furnish the Bid Security as stipulated in the RfP, on behalf of the Consortium Members as per the Consortium Agreement. The Bid Security shall be valid for a period of 180 days (6 months) 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 20 payable at Mumbai only. The Bid Security must be payable in currency of India & on stamp paper of Rs.500/-.

1.3 QUALIFYING REQUIREMENTS FOR 300 MW(AC) SOLAR POWER PROJECTS:

1.3.1. Experience

- i. The Bidder/ EPC Contractor should have designed, supplied, erected and commissioned ground mounted Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 30% of quoted or higher capacity, out of which at least one plant should have been of 25 MW(AC) or higher capacity. The reference plant of 25 MW(AC) capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

- ii. The Bidder should be a Developer of ground mounted Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 30% of quoted or higher capacity, out of which at least one plant should have been of 25 MW(AC) or higher capacity. The reference plant of 25 MW(AC) or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno- commercial bid opening.

OR

- iii. The Bidder/EPC Contractor /Developer should have designed, supplied, erected and commissioned **Balance of System (BOS)** of Solar Photo Voltaic (SPV) based ground mounted grid connected power plant(s) of cumulative installed capacity of 30% of quoted or higher capacity, out of which at least one plant should have been of 25MW(AC) or higher capacity. The reference plant of 25MW(AC) or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.
- iv. In case of Consortium/Joint Venture, either of the partner individually or jointly should comply requirement of above i), ii) & iii) for bidding.
- v. In case of a bidder/Member of Consortium seeking experience qualification on the basis of technical capability of its Parent Company, the Parent Company shall have minimum 51% stake in the Bidder/Member of Consortium for construction period and also 3 years of O&M.
- vi. Parent Company shall be construed as reference to any company or corporation of which the other company or corporation is a Subsidiary i.e. at least 51% stake in the subsidiary is held by the Parent Company.
- vii. In case of a bidder/Member of Consortium seeking experience qualification on the basis of technical capability of its Ultimate Parent Company, the Ultimate Parent Company shall have minimum 51% stake in the Parent Company of the Bidder/Member of Consortium for construction period and also 3 years of O&M. Also, the Parent Company shall have minimum 51% stake in the Bidder/Member of Consortium for construction period and also first 3 years of O&M.

Notes for Clause 1.15.1

- a. The reference plant of 25 MW (AC) or higher capacity should be at a single location developed by Bidder for itself or any other client.
- b. Solar PV based grid connected Roof-top & Floating solar power projects shall also be considered eligible for QR purposes.

c. 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 1.15.1 (i), (ii) and (iii) above. Bidder shall also submit a certificate of successful completion and operation from the Owner / intermediary organization.

- d. For clause 1.15.1 (i), Bidder shall submit certificate of successful completion and operation from the Owner.
- e. Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.
- f. The Balance of Systems (BoS), under Clause 1.15.1 (iii), refers to works related to following areas in a Solar PV Plant,
 - i. Erection of Solar PV Modules.
 - ii. Inverters (Power Conditioning Units) & Inverter Transformers.

1.3.2. Financial Criteria

A) Net worth

- i. The net worth of the Bidder as on the last day of the preceding financial year should **not be less than Rs 25 Lakhs/ MW for quoted capacity**. If the tenderer does not meet the Net Worth criteria outlined here independently, tenderer must provide a letter of undertaking from their Holding Company along with their Bid. Such undertaking must pledge unconditional and irrevocable financial support for the contract execution up to Operations & Maintenance (O&M) period in case the contract is awarded. The Net Worth of the Holding Company as of 31st March of the previous financial year must be at least Rs 25 Lakhs / MW for the quoted capacity.
- ii. Bidder has to submit the audited financial statements having UDIN. In case where audited statements for the last preceding financial year are not available, certification of financial statement from a practicing Chartered Accountant with UDIN shall also be considered acceptable **as per Annexure-26**.
- iii. Please note that, Net Worth means the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.
- iv. For the purposes of meeting financial requirements only unconsolidated audited annual accounts shall be used.
- v. If Bid is submitted by a Consortium, the Net worth requirement is to be met by any member of the Consortium individually (not jointly). The Bidder may seek qualification on the basis of financial capability of its Parent Company for the purpose of meeting the Qualification Requirements. In the case of the Bidder being a Bidding Consortium, any member individually (not jointly) may seek qualification on the basis of financial capabilities of its Parent Company. In such an event, the Bidder would be required to furnish along with its bid, a Letter of Undertaking from the Parent Company, supported by Board Resolution, as per Annexure provided, pledging unconditional and irrevocable financial support for the execution of the Contract up to O & M period by the Bidder in case of award.
- vi. Parent Company shall be construed as reference to any company or corporation of which the other company or corporation is a Subsidiary i.e. at least 51% stake in the subsidiary is held by the Parent Company.
- vii. In case of a bidder seeking qualification on the basis of financial capability of its Parent Company, the Parent Company shall have minimum 51% stake in the Bidder/Lead Member for construction period and also 3 years of O&M.

- viii. In case of a bidder seeking qualification on the basis of financial capability of its Ultimate Parent Company, the Ultimate Parent Company shall have minimum 51% stake in the Parent Company of the Bidder/Lead Member for construction period and also 3 years of O&M. Also, the Parent Company shall have minimum 51% stake in the Bidder/Lead Member for construction period and also 3 years of O&M.

B) Turnover

- i. The average annual turnover of the bidder should **not be less than Rs. 250 Lakhs / MW** or equivalent US \$ during preceding three consecutive financial years as on date of techno commercial bid opening from the bidder's business as an EPC Contractor / developer of infrastructure Projects in India or from Solar Power Generation Projects in any country. The Bidder may seek qualification on the basis of financial capability of its Parent Company for the purpose of meeting the Qualification Requirements. In the case of the Bidder being a Bidding Consortium, any member individually (not jointly) may seek qualification on the basis of financial capabilities of its Parent Company. In such an event, the bidder would be required to furnish along with its bid, a Letter of Undertaking from the Parent Company, supported by Board Resolution, as per Annexure provided, pledging unconditional and irrevocable financial support for the execution of the Contract up to O & M period by the bidder in case of award. Parent Company shall be construed as reference to any company or corporation of which the other company or corporation is a Subsidiary i.e. at least 51% stake in the subsidiary is held by the Parent Company. Other income shall not be considered for arriving at annual turnover.
- ii. Bidder has to submit the audited financial statements having UDIN for last three years. In case where audited statements for the last preceding financial year are not available, certification of financial statement from a practicing Chartered Accountant with UDIN shall also be considered acceptable **as per Annexure-26**.

1.4 CONSORTIUM / JOINT VENTURE

In case Bidder on his own does not meet the financial & technical experience qualifying criteria stipulated in any of the points above, the Bidder can bid through a Consortium/ Joint Venture.

- i. Consortium/JV shall fulfill qualifying criteria stipulated in point 1.15, 1.16, 1.17, 1.18, 1.19, 1.20 & 1.21 herein.
- ii. Consortium Agreement, Consent of each Consortium member, POA, BR for authorization etc. documentary proof regarding Consortium/JV shall be submitted along with the bid in the prescribed format.
- iii. The Consortium/JV partners shall jointly and severally be responsible for execution of the contract and the warranties/guarantees for the project up to the expiry of 3 years of O&M contract period.
- iv. The Consortium/Joint Venture (JV) arrangement must remain in effect for at least 90 days beyond the end of the 3-year Operations & Maintenance (O&M) contract period.
- v. The members in the Consortium shall be limited to THREE only.
- vi. In the case bidder is Consortium or Joint Venture, then either of the partner individually (not jointly) shall qualify criteria for Net worth and Turnover.
- vii. In case of the award, the Performance Security, to be submitted by a JV shall be in the name of the JV that has been awarded the LOA/Contract Agreement. If the JV has not been legally constituted into a legally enforceable JV, the Performance Security shall be in the names of all the partners/members of the JV & not in the name of "only lead bidder". The Performance Security Bank Guarantee shall be executed in the names of all the partners/members of the JV/ Consortium.

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