MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED
Renewable Energy –Project & Planning,
HDIL Tower, A Wing, 4th Floor, Bandra (East), Mumbai – 400 051.
(Tel: : 91-22-26582424/2999/2965 Ext:353/352/331/357)
Fax No: 91-22-26476518
email: cespgd@mahagenco.in, dycespgd@mahagenco.in,

Notice Inviting Tender
RfX NO: 3000046675

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 bidders for Design, Engineering, Manufacture, Supply, Erection, Testing and Commissioning of 25MWAC each Crystalline Solar PV Technology Grid Interactive Solar PV Power Projects along with associated power evacuation arrangement including 5 years operation & maintenance (O&M) of the same at Villages Malkhed and Mangladevi ,Taluka Ner, District Yavatmal in the state of Maharashtra.

Single tender has been published for cumulative capacity of 50 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	From 11/03/2024,14:00 Hrs. IST
2.	Site visit	Up to 25/03/2024, 17:00 Hrs IST
3.	Last date of acceptance of queries/comments from bidders	Up to 26/03/2024, till 17:00 Hrs IST
4.	Pre-bid conference	On 28/03/2024, at 11:00 Hrs. IST
5.	Last date of acceptance of queries/comments from bidders	Up to 28/03/2024, till17:00 Hrs IST
6.	Issue of Amended Bid document	Up to 10/04/2024, till 17:00 Hrs IST
7.	Last date of online sale of Bid Document	Up to 25/04/2024, till 18:00 Hrs. IST
8.	Last date for Submission of Online Bid (Techno- commercial and Price Bids)	26/04/2024, till 12.00 Hrs. IST
9.	Last date of submission of physical support documents	26/04/2024, at 16.00 Hrs. IST
10.	Due date for opening of techno-commercial bids	26/04/2024, till 16.30 Hrs. IST

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

International Competitive Bidding for Design, Engineering, Manufacture, Supply, Erection, Testing and Commissioning of 25MW_{AC} each Crystalline Solar PV Technology Grid Interactive Solar PV Power Projects along with associated power evacuation infrastructure arrangement including 5 years' operation & maintenance (O&M) of the same at Villages Malkhed and Mangladevi ,Taluka Ner, District Yavatmal in the state of Maharashtra , India.

(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 bidders for Design, Engineering, Manufacture, Supply, Erection, Testing and Commissioning of 25MW_{AC} each Crystalline Solar PV Technology Grid Interactive Solar PV Power Projects along with associated power evacuation arrangement including 5 years operation & maintenance (O&M) of the same at Villages Malkhed and Mangladevi ,Taluka Ner, District Yavatmal in the state of Maharashtra , India from prospective bidders.

Details of the project are as under;

Sr. No.	Project Nomenclature	Project Location	Latitude, Longitude	Project Capacity (AC), MW	Area, Hectares	Substation Location
1	25MW EPC SOLAR PROJECT-1	Village: Malkhed, Taluka: Ner, District: Yavatmal, Maharashtra	20.449N 77.913E	25	47.26	At 220/33kV Ner (Renukapur) Substation
2	25MW EPC SOLAR PROJECT-2	Village: Mangladevi, Taluka: Ner, District: Yavatmal, Maharashtra	20.544N 77.972E	25	50.75	
		TOTAL		**50 MW (AC)**		

NOTE: Bidder shall strictly adhere to project nomenclature while quoting price bid in online form. It is sole responsibility of bidder to bid for correct project as per its project nomenclature.

THE ELIGIBILITY CRITERIA OUTLINED IN THE TENDER DOCUMENT APPLY TO EACH 25 MW (AC) CAPACITY PROJECT. BIDDERS MUST SUBMIT SEPARATE PRICE BIDS FOR EACH PROJECT. THE SUCCESSFUL (L1) BIDDERS WILL BE AWARDED THE PROJECT CAPACITY AND CONTRACTS WILL BE SIGNED INDIVIDUALLY FOR EACH PROJECT.

BIDDER SHALL QUOTE THE TOTAL BID PRICE PER MU REQUIRED FOR SETTING UP SOLAR PV PROJECT WITH FOLLOWING DETAILS:

- **PRICE (L) IN INR PER MU INCLUSIVE OF ALL APPLICABLE TAXES & DUTIES.**
- **GUARANTEED ANNUAL GENERATION (G) IN MU > G'. (G' IS AS PER SECTION - IV)**

CONTRACT PRICE (X) WILL BE CALCULATED USING FOLLOWING FORMULA,

CONTRACT PRICE (X) = QUOTED PRICE PER MU (L) X QUOTED GUARANTEED ANNUAL GENERATION (G)

WHEREIN, 5% OF CONTRACT PRICE WILL BE TREATED AS O&M CONTRACT PRICE, WHICH WILL BE PAID TO BIDDER IN 60 MONTHLY BILLS OF 5 YEAR O&M PERIOD.

SEPARATE PROJECTWISE EMD (BG) SHALL BE SUBMITTED BY THE BIDDERS AS PER QUOTED PROJECT CAPACITY @ RATE OF Rs 1 LAKH/MW. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO SUBMIT CONTRACT PERFORMANCE SECURITIES IN THE FORM OF BANK GUARANTEES & ADVANCE BANK GUARANTEES (IF AVAILED) FOR THE CONTRACTED CAPACITY WITHIN 7 DAYS FROM THE DATE OF LETTER OF AWARD.

1.0 VENDOR REGISTRATION FEE, TENDER

i. Bidder shall register itself at the website address https://eprocurement.mahagenco.in on online payment of the vendor registration fees of Rs. 5000/- plus 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. Tender notices will be published on the GTAI website, **www.gtai.de** & on a national level platform in accordance with the applicable procurement regulations.

ii. Bidder is required to pay online non-refundable Tender fee of Rs. 10,000/- plus GST i.e INR 11,800/- inclusive of applicable GST 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

1.1 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 12**, issued by any branch of Bank mentioned in list attached. 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/-. The detailed of EMD amount is tabulated below.

Project (location)	25 MW(AC) Malkhed	25 MW(AC) Mangaladevi
Bid Security Amount (in INR)	25 lakhs**	25 lakhs **

** **If bidder opts to quote for both the projects shall provide separate bank guarantees with EMD amount for individual project.**

1.2 QUALIFYING REQUIREMENTS FOR 25MW(AC) SOLAR PROJECT:

1.1.1 TECHNICAL EXPERIENCE

a) The Bidder should be EPC Contractor and should have designed, supplied, erected and commissioned Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 15 MW(AC) and at least one plant should have been of 10 MW (AC) capacity. The reference plant of 10 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

b) The Bidder should be a Developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 15 MW (AC) and at least one plant should have been of 10 MW (AC) capacity. The reference plant of 10 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

c) In case of Consortium or Joint Venture, either of the partners individually or jointly should comply requirement of above clause a) or b) for bidding.

i. 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 first 3 years of O&M and minimum 26% stake in the Bidder/Member of Consortium for next 2 years of O&M.

ii. 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.

iii. 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 first 3 years of O&M and minimum 26% stake in the Parent Company of the Bidder/Lead Member for next 2 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 and minimum 26% stake in the Bidder/Member of Consortium for next 2 years of O&M.

iv. If bidder chooses to quote for both the projects i.e. 25MW(AC) Malkhed & 25 MW(AC) Mangaladevi , then separate QR documentation shall be submitted for each project stating that bidder has experience for cumulative capacity of 30 MW (AC) and out of that at least 2 (two) plants should have been of 10 MW(AC) capacity each.

1.1.2 FINANCIAL CRITERIA

A) NET WORTH

i. The net worth of the tenderer/ bidder as on last day of the preceding financial year shall not be less than Rs 25 Lakhs/ MW for quoted capacity. The tenderer who does not satisfy the Net Worth criteria stipulated herein on its own would be required to furnish along with its Bid a letter or undertaking from their holding company pledging unconditional and irrecoverable financial support for execution of the contract by the tenderer in case of award provided that the Net Worth of such holding company as on 31st March of previous financial year shall not be less than Rs 25 Lakhs/MW for quoted capacity.

ii. In case where audited results 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.

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. 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 account and provided further that the financial capability of such company (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of the Bid.

v. If Bid is submitted by a Consortium, the Net worth requirement is to be met by any member of the Consortium. 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 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 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 first 3 years of O&M and minimum 26% stake in the Bidder/Lead Member for next 2 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 first 3 years of O&M and minimum 26% stake in the Parent Company of the Bidder/Lead Member for next 2 years of O&M. Also, the Parent Company shall have minimum 51% stake in the Bidder/Lead Member for construction period and also first 3 years of O&M and minimum 26% stake in the Bidder/Lead Member for next 2 years of O&M.

ix. If bidder chooses to quote for both the projects then Net worth of the tenderer/bidder as on last day of the preceding financial year shall not be less than Rs 25 Lakhs/MW i.e.Rs1250 Lakhs or equivalent US $.

B) TURNOVER

i. The average annual turnover of the bidder should not be less than Rs. 250 Lakhs / MW(AC) i.e. Rs 6250 Lakhs / 25 MW (AC) 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 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 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. In case where audited results 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.

iii. If bidder chooses to quote for both the projects i.e 25MW(AC) Malkhed & 25MW(AC) Mangaladevi, the average annual turnover of the bidder should not be less than Rs. 250 Lakhs/ MW(AC) i.e. Rs 12,500 Lakhs 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.

1.2 CONSORTIUM/ JOINT VENTURE

In case Bidder on his own does not meet the financial & 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 under point 1.15.1, 1.15.2, 1.16, 1.17, 1.19 & 1.20 herein.

ii 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 warrantees/guarantees for the project.

iv The Consortium/JV arrangement shall continue till 90 days beyond the expiry of 5 (Five) years O&M contract.

v The members in the Consortium shall be limited to 3 (Three) only.

vi One of the Consortium partners who will be responsible on behalf of the Consortium shall be designated as the lead member. Necessary "Power of Attorney" and "Deed of Agreement" shall be executed in this regard.

vii. In the case bidder is Consortium or Joint Venture, then either of the partner individually should qualify criteria for Net worth and Turnover.

viii. In case the bidder is joint venture Company, each promoter shall have minimum 26% equity in Joint Venture Company. Whenever a JV is awarded a Contract the JV partners shall be jointly & severally liable.

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