

Expression of Interest



MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED
Solar Power Generation Department, “HDIL Bldg “,
4th Floor, Bandra (East), Mumbai – 400 051
(Tel: 022-26582424/1905 Extn. 351/338)
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EOI from developers for the selection of Solar Power Developer for development of innovative type solar project for 10 MW_{AC} grid interactive Solar PV along with Operation and Maintenance of the same for 25 years at Upper Vaitarna Reservoir / Dist: Nasik in Maharashtra.

1.	Start date of issue of EOI	20.12.2018, at 10.00 Hrs. IST
2	Site Visit	20/12/2018 to 31.12.2018
2	Pre-bid meeting	04/01/2019, at 11.00 Hrs. IST
3	Last date of acceptance of queries/comments from bidders	07.01.2019, at 17.00 Hrs. IST
4	Issue of Response to bidder 's queries	17.01.2019 at 17.00 Hrs. IST
4	Last date of Submission of EOI	23.01.2019 , at 15.00 Hrs IST

Chief Engineer(SPGD- P)

Mahagenco intends to invite above EOI from interested bidders/companies

The interested bidders/companies can download the EOI document from Mahagenco's website <http://www.mahagenco.in> from 20.12.2018 free of cost.

Chief Engineer (SPGD-P) reserves the rights to accept/reject any EOI without assigning any reason thereof.

Chief Engineer (SPGD-P)

Expression of Interest

Subject: EOI for setting up solar power project on innovative mode (Floating type) for 10MW_{AC} at Upper Vaitarna Reservoir, Dist. Nasik.

Mahagenco intends to invite offers from interested bidders/companies for setting up solar power project on innovative mode (Floating type) for 10MW_{AC} at Upper Vaitarna Reservoir, Dist. Nasik

➤ **Objective of EOI:**

Mahagenco intends to invite Expression of interest from developers for the selection of Solar Power Developer for development of innovative type (floating) solar project for 10 MW_{AC} capacity grid interactive Solar PV and Operation and Maintenance of the same for 25 years at Upper Vaitarna Reservoir, Dist. Nasik. The objectives of EOI are as follows:

- Solar Power Generation.
- Conservation of water due to less evaporation.
- Creation of employment to the rural community.
- Higher solar generation (CUF) due temperature maintenance of solar panels.
- As the solar power project will be installed on water surface, the other land surfaces for same capacity of project can be utilized for other purpose.
- Land cost is not applicable.

➤ **About Mahagenco:**

- MAHAGENCO is engaged in the business of generation and supply of Electricity and has been vested with generation assets, interest in property, rights and liabilities of MSEB as per Gazette Notification dated 4th June 2005 issued by Industry, Energy and Labour Department of Government of Maharashtra pursuant to section 131 of Electricity Act 2003.
- Mahagenco has the highest overall generation capacity and the highest thermal installed capacity amongst all the state power generation utilities in India. In terms of installed capacity, it is the second highest generation company after NTPC.
- Mahagenco having generation capacity of 13602 MW comprising 10170 MW thermal, 2580 MW hydel, 672 MW gas turbine and 180 MWp solar was established by government of Maharashtra under the Central Electricity Act-2003 with the principal objective of engaging in the business of generation of electricity, & Mahagenco produces cheapest power for consumers in state.
- Mahagenco is committed to expanding the generation capacity to meet the ever-growing power supply need of Maharashtra. The company is implementing a huge capacity addition programme.

➤ **Salient features of EOI:**

- Mahagenco shall invite bids from prospective developers who are willing to set up solar power project on innovative mode (floating type) at Upper Vaitarna Reservoir, Dist. Nasik.
- Mahagenco will assist in providing area at Upper Vaitarna Reservoir, Dist. Nasik from WRD for installation of innovative type (floating) solar power project on pilot basis.
- The scope of the Developer will include the Construction of Solar PV plant on the water surface available on Upper Vaitarna Reservoir, Dist. Nasik for 10MW_{AC} grid interactive Solar PV along with Operation and Maintenance and the evacuation of the Power & its transmission up to nearest substation.
- The possible evacuation arrangement can be done at 33/11 Kv substation near 1.5 MW small hydro plant at Vaitarna Dam foot. is approx. 6 KM from the sites.
- The bidders will be asked to submit their concept note and feasibility report along with the following,
 - a) Technical and financial Feasibility of the concept.
 - b) Bidder's technical and financial capability.

➤ **Mahagenco scope of work:**

- Mahagenco will sign the Power Purchase Agreement (PPA) with SPD and Power Sale agreement (PSA) with MSEDCL
- Mahagenco will assist the SPD for obtaining the permissions from WRD.

➤ **Bidders scope of work:**

- The scope of work includes Design, Engineering, Manufacture, Supply, Erection, Testing And Commissioning of 10MW_{AC} on innovative mode (floating type) Capacity Grid Interactive Solar PV Power Plant.
- However, the projects would be technology agnostic within the technology approved by the MNRE i.e. crystalline silicon or thin film or CPV, with or without trackers can be installed. Only commercially established and operational technologies can be used, to minimize the technology risk and to achieve the timely commissioning of the Projects.
- SPD will construct & erect complete evacuation line along with & ABT meters from the switchyard of solar power project to the nearest MSEDCL/MSETCL substation (The possible evacuation arrangement can be done at 33/11 Kv substation near 1.5 MW small hydro plant at Vaitarna Dam Foot) . Energy meter (ABT) will be located at MSEDCL Substation.

The Bidder shall submit their offers along with concept note, feasibility report, financial model .

➤ **Submission of EOI:**

Interested Bidders are required to submit the response with the complete information in all respect as per the enclosed format. The furnished information shall be supported with relevant documents if any.

➤ **Disclaimer:**

Prospective respondent to this EOI acknowledges and agrees that:

- Mahagenco has issued this Expression of Interest with the best intention to explore the market for eligible and interested bidders and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.
- It is also agreed that Mahagenco in its sole discretion, may reject any and all proposals made by respondent(s), may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- Prospective respondent(s) acknowledge and agree that response to the EOI is purely voluntary action on their part and for any expenditure on this account shall be borne by the respondent(s).
- The Bidders /Companies/developers who are interested are requested to submit their offer along with concept note, feasibility report, financial model in sealed envelope on or before 23/01/2019 at the office of CE(SPGD-P)

Chief Engineer, (SPGD-Projects)
Maharashtra State Power Generation Co. Ltd.,
HDIL Bldg , Fourth Floor,
Bandra (E), Mumbai-400051
Phone: 022-26582424/1905 Extn. 351/338
Mobile No: 8879580692/9881493655
Email: dycespgd@mahagenco.in/cesolarproj@gmail.com

Who can apply:

Any Bidders /Companies/Developers engaged in installation of solar power plant.

Format for EoI

1	Name of the Company	
2	Country where the Company is registered	
3	Status of the Company a) Whether registered under the Companies act 1956 the Companies Act 2013 b) If not, Country of Incorporation	
4	Net Worth of the Company (as on 31/03/2017 or closure of FY 17)	
5	Annual turnover of the Company as on 31/03/2017 or FY 17)	
6	Past Experience in Solar Power plants	
7	Past Experience in floating solar Power plants (if any)	
8	Type of Technology used in Solar Power plants	
9	Past Experience in operation & Maintenance of Solar Power plants installed	
10	Financial model:	
11	Feasibility report & concept note	

Terms and Conditions:

1. Mahagenco has sole right to accept or reject any or all proposals/ concepts.
2. The last Date for the submission of Hard Copy of the EoI is on or before 23.01.2019
3. The Bidders /Companies who are interested are requested to submit their offer along with financial model, type of module technology, structure of joint venture/ partnership, in sealed envelope on or before _23/1/2019_ at the office of Chief Engineer (SPGD-P)
4. The hard copy of complete EoI to be submitted to Mahagenco on following address:
Chief Engineer, (SPGD-Projects)

Maharashtra State Power Generation Co. Ltd.,

HDIL Bldg , Fourth Floor,

Bandra (E), Mumbai-400051

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