

MUNICIPAL CORPORATION OF GREATER MUMBAI



(Water Supply Projects)

NOTICE OF INVITATION FOR TENDER

Subject: Development of Renewable Hybrid Energy Project Facilities of Hydro Electric Power Plant and Floating Solar PV Power Project at “Hinduhridaysamrat Shivsenapramukh Balasaheb Thackeray Middle Vaitarna Dam”.

- As part of Energy Security program, MCGM intends to develop 100 MW Hybrid Power Plant of Hydro Electric Power Plant & Floating Solar PV Power Project at Middle Vaitarna Dam. Out of 100 MW capacity, Hydro Electric Power Plant capacity is 20 MW and Floating Solar PV Power Plant capacity is 80 MW.
- The Municipal Corporation of Greater Mumbai invites e-Tenders from parties having requisite experience in the field with financial & organisational competence for the design, built, construction of 100 MW Hybrid Power Project Facility with O & M for 25 (Twenty Five) years and the same will be published on the <https://mahatenders.gov.in>
- The Contract period for Design-Build is 31 (Thirty One) months inclusive Monsoon followed by 25 years of Operation and Maintenance.

- **Qualification Requirements**

The Bidder must meet the Qualification Requirements independently as Bidding Company or Joint Venture (JV) or as a Bidding Consortium with one of the Members acting as the Lead Member of the Bidding Consortium. Further, a Bidding Consortium or Joint Venture (JV) can participate in the bidding process if any Member of the Consortium has purchased the RFP. Bidder will be declared as a Qualified Bidder based on meeting the Qualification Requirements specified below and as demonstrated based on the documentary evidence submitted by the Bidder in the Bid

- I. The Bidder should be a company, as defined in the Company's Act, 1956/2013 or a Joint Venture (JV) registered under Partnership Act, 1932 and are eligible on standalone basis or as a part of the bidding consortium with maximum 2 members.

- II. Companies selected through bidding process as per RFP can also execute the project through a Project Company. However the Project Company has to be formed before signing of PPA. The bidder is required to undertake to furnish evidence of meeting the above eligibility criteria.
- Parties having a financial background and qualification criteria as specified below, are invited to tender for this work by submitting a completed Tender Submission. The detailed qualification criteria required to be met are set out in the Instructions to Tenderers. The qualification criteria are given below:

a. Financial Criteria:

Net worth: The Bidder's positive Net Worth should be equal to or greater than Rs. 472.00 Crore (Rupees Four Hundred Seventy Two Crores) as on 31.03.2020. Bidders shall have to furnish Certificates from Chartered Accountants, certifying the Net worth as on 31st March, 2020. Net worth will be calculated as per The Companies Act 2013.

b) Technical Criteria:

Criteria A (For Floating Solar PV Power Project):

Three similar completed works of minimum 32 MW (40% of 80 MW) each, any Solar Power Project

Or

Two similar completed works of minimum 40 MW (50% of 80 MW) each, any Solar Power Project

Or

One similar completed work of minimum 64 MW (80% of 80 MW) any Solar Power Project

Note:- The work of Similar Nature means Development & Commissioning of solar Power Plant in India (Ground Mounted or Floating PV) including Detailed Engineering, Construction, Operation and Maintenance of the facility for at least Five (5) year from last Fifteen (15) years from date of commercial operation. (*Refurbishment/Augmented/Upgraded/Purchased/Leased plants will not be considered as a development for qualification of the project.)

In case of the experience claimed is from a Project in a Consortium then the Project Experience shall be considered in proportion of the equity held on Commercial Operation Date in consortium/ Special Purpose Vehicle/ Project

Company. An undertaking for this proposed project company shall be submitted

AND

Criteria B (For Hydro Power Project):

The developer shall have successfully executed work of Similar Nature including design, built and operated at least 1 (one) Small Hydro Electric power plant in Maharashtra having minimum capacity of 10 MW with working head of at least 55 Meters in last 15 (Fifteen) years. The facility should be in operation for at least ten years from date of commercial operation at minimum of 50% plant load factor. The facility should have generated 67 MU in at least one year in last 10 years of operation.

Note:- The work of Similar Nature means Development* & Commissioning of Small Hydropower Plant including Detailed Engineering, Construction, Operation and Maintenance of the facility for last 10 (ten) years from date of commercial operation. (*Refurbishment/Augmented/Upgraded/Purchased/Leased plants will not be considered as a development for qualification of the project.)

In case of the experience claimed from a Project in a Consortium then the Project Experience shall be considered in proportion of the equity held on Commercial Operation Date in consortium/ Special Purpose Vehicle/ Project Company. An undertaking for this proposed project company shall be submitted

AND

The bidder should have experience of power evacuation of EHV lines integration with State Transmission Utility (STU) and SCADA based communication and monitoring system.

AND

The bidder and/or its affiliates should have the experience of obtaining Forest clearances & Environmental clearances from MoEF&CC, GoI, New Delhi for at least 50 Hectares of land, through liaisoning.

- The forms of Tender documents are available on the e-Tendering website <https://mahatenders.gov.in>. The aspiring Applicants will have to download Tender form, from the website mentioned above. The bidder has to fill in online format and upload information regarding Tender Online. Also he has to download the Tender application form from website, fill it and upload the scanned copy of duly filled form, along with required documents.
- For purchasing the Tender documents, the bidders will have to get registered with e-tender portal (<https://mahatenders.gov.in>) for the e-tendering process and obtain login credentials to participate in the online Tender process. The details of the same are available on <https://mahatenders.gov.in>. For registration, enrolment for digital signature certificates and user manual, please refer to respective links provided in e-tendering tab on <https://mahatenders.gov.in>.
 - While submitting duly filled tender document through <https://mahatenders.gov.in>, bidder needs to pay online **E.M.D. of Rs 47 Lakhs (Rupees Forty Seven Lakh only)**

and **Rs. 4.25 Cr. (Rupees Four Crores Twenty-Five Lakh only)** to be submitted in the form of bank guarantee along with the tender ID. The total EMD Rs. 4.72 Cr. **(Rupees Four Crores Seventy Two Lakhs only)**

- The Applicant has to prepare & submit Tender Documents Online on or before last date of submission as mentioned in tender notice.
- The Applicant should upload the documents in readable form, He should take trial of uploads by taking printout. The unreadable documents will be treated as null & void. The remaining documents will be evaluated. The decision of opening Authority regarding this will be binding to all applicants.
- The successful bidder will be decided on the basis of reverse auction as per details given in RFP.
- The Municipal Commissioner reserves the right to reject all or any of the e- tender(s) without assigning any reasons at any stage.
- Those bids without the above said payments or missing required documents will be summarily rejected.
- The MCGM reserves the rights to accept any of the application or reject any or all the application received for above works, without assigning any reasons thereof.
- The Applicants interested for the above referred works may contact list of contact persons mentioned in below table on any working day during office hours.
- This tender document is not transferable.
- The Applicants interested for the above referred works may contact the Chief Engineer (WSP) at the following address on any working day during office hours.

Office of: Chief Engineer (Water Supply Project)
Municipal Corporation Of Greater Mumbai
Worli Hub Building, 1st Floor,
Dr. E. Moses Road, Worli Naka,

The Technical and Financial Bid will be opened at above address.

- **Time Schedule for this Tender is as follows-**

Bid Information Sheet	
Document Description	Development of Renewable Hybrid Energy Project Facilities of Hydro Electric Power Plant and Floating Solar PV Power Project at “Hinduhridaysamrat Shivsenapramukh Balasaheb Thackeray Middle Vaitarna Dam”.
Tender Reference No.	MGC/F/3073 Dt.12/11/2020
Tender ID.	2020_MCGM_623461
Date & Time of Start of Sale of RFP	18/11/ 2020 Time: 11.30 AM
Pre-bid Conference/Clarification Meeting	25/11/2020 Time: 11:30 AM
Pre-bid Conference/Clarification Meeting	Additional Municipal Commissioner

Bid Information Sheet	
Address	(Projects) Municipal Corporation Of Greater Mumbai Head Office, Opposite Azad Maidan, CSMT Area, Fort, Mumbai, Maharashtra- 400 001
End Date & Time of Sale of Tender	10/12/2020 Time: 11:00 AM
Last date & Time of Submission of Tender	10/12/2020 Time: 03:00 PM
Date and time of Bid (Technical) Opening	10/12/2020 Time: 04:00 PM
Date & Time of Financial bid opening	17/12/2020 Time: 11.30 AM
E-Reverse Auction	On 18/12/2020 Time: 11:30 AM
Ceiling tariff	INR 4.48/ kWh
Cost of RFP Document (non-refundable)	Rs 8,925 (Rs 8500 + 5% GST)
Earnest Money Deposit (EMD)	Earnest Money Rs. 47 Lakhs (Rupees forty Seven Lakhs) through online payment gateway and Rs. 4.25 Cr. (Rupees Four Crores Twenty-Five Lakhs only) to be submitted in the form of bank guarantee along with the tender ID
Legal & Stationary Charges	Rs.9,770/- to be submitted within 30 days of issuance of LOA
Submission of Performance Security (PS)	Rs. 23.58 Cr (Rupees Twenty Three Crores and Fifty Eight Lakhs) to be submitted in the form of Bank Guarantee within 30 days of issuance of LOA
Signing of PPA	Within 45 days from the date of issue of LOA
Contact Persons	<ul style="list-style-type: none"> • Prashant Pawar, Dy. Ch.E.(WSP) M&E(OC) I/c – 9769110708 • Avinash Kate Dy.Ch.E (WSP) M&E(City) I/c 9819698586 • Vasant Gaikwad Dy.Ch.E.(WSP)MV-II - 9819224266 • Sudhakar Hande A.E.(WSP) MV-II- 9869113088
Email ID	ee01mne1.wsp@mcgm.gov.in

Sd

**Chief Engineer
(Water Supply Project)**