	MAHARASHTRA STATE POWER GENERATION CO. LTD.	Volume: I
	BID SPECIFICATION NO.: CE/P&P/210 MW FGD INSTALLATION/CONSULTANCY	Section: IFB
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**MAHARASHTRA STATE POWER GENERATION CO. LTD.  
(MAHAGENCO)**

**Projects and Planning Department  
3<sup>rd</sup> Floor, Prakashgad, Prof. Anant Kanekar Marg,  
Bandra (East), Mumbai - 400 051.**


IFB No.: CE/P&P/210 MW FGD INSTALLATION/CONSULTANCY      Date: 11.03.2020

(Tender code (RFx) No. 3000008992)

**DETAILED INVITATION FOR BIDS (IFB)  
(LOCAL COMPETITIVE BIDDING)  
FOR**

**Consultant for consultancy and engineering services for Installation of FGD Plant at 210 MW of Koradi U-6 & 7, Khaperkheda U-1 to 4.**

- 1.0 Maharashtra State Power Generation Co. Ltd. (MAHAGENCO), invites bids in two bid system (Part - 1: Techno-commercial Bid and Part - 2: Price Bid) for appointment of Consultant for consultancy and engineering services for Installation of FGD Plant at 210 MW of Koradi U-6 & 7, Khaperkheda U-1 to 4 as specified in the accompanied specifications from eligible bidders.
- 2.0 For accessing the tender document visit our website: - <https://eprocurement.mahagenco.in>. The bidders already registered for Mahagenco SRM e-tendering system can access/download the tender after due payment of tender fee.
- 3.0 The bid specification can be purchased/ downloaded from <https://eprocurement.mahagenco.in> upon payment of Rs 5000/- plus (+) applicable GST thereon by online payments as per SRM e-tendering system provision up to 18.03.2020 upto 15:00 Hrs.
- 4.0 For the bidders who are not registered with Mahagenco SRM e-tendering system, required to be registered with Mahagenco. Registration will be done after furnishing and physical verification of the required documents/details of the company. The registration procedure is given on <https://eprocurement.mahagenco.in> Documentation, section.

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**5.0** The Revised schedule for the bidding shall be as under (the dates for acceptance of Queries & Pre-Bid meeting are only revised) :

1.	Start date of acceptance of tender fee by Mahagenco and download of tender document.	13.02.2020, 15.00 Hrs. IST
2.	Last Date of acceptance of Queries/ comments from bidders	02.03.2020, 15.00 Hrs. IST
3.	Pre bid meeting	03.03.2020, 11.00 Hrs IST
4	Last date of acceptance of tender fee by Mahagenco and download of tender document	18.03.2020, 15.00 Hrs. IST
5.	Last date for Submission of Online Bid (Techno-commercial and price Bids) along with EMD	19.03.2020, 13:00 Hrs. IST
6.	Last date for Submission of Physical Bid documents (Techno-commercial Bid) along with original EMD	20.03.2020, 13.00 Hrs. IST
7.	Due date for opening of techno-commercial bids.	20.03.2020, 15.00 Hrs. IST
8.	Opening of price bid of qualified bidders.	Shall be informed later

**6.0 Minimum Qualifying Requirements for the Bidders:**

The Bidder shall furnish documentary evidence along with bid to establish that it fulfils the following Qualifying Requirements (QR) set by the Owner.

**6.1 Technical Criteria:**

- I. The Bidder should have proven experience of providing consultancy services as Owner's Engineer or EPC Contractor's Engineer in regards to review of design, detail engineering, monitoring of installation of FGD work either separately or as a part of other contract for at least one Pulverized Coal Fired Thermal unit of capacity 200 MW or above within last 10 years.
  
- II. The Bidder should have experience of Preparation of Detailed Project Report, Detailed Technical & Commercial Tender documents, bidding assistance for award of turnkey Engineering Procurement Construction (EPC) contracts for installation of FGD System projects separately or as a part of other contract.



The Bidder should submit work experience certificate from end user alongwith copy of relevant work order /LOA/ contract agreement.

## 6.2 Financial criteria :


The Bidder should have adequate financial capacity and resources to meet the financial obligations pursuant to other scope of the works covered in the bid document. Bidder should have,

- A. Average Annual financial turnover of bidder during the last 3 years, ending 31<sup>st</sup> March of the previous financial year, should be more than Rs. 76 Lacs.
- B. The Net Worth of bidder on the last day of the preceding financial year should not be less than 25% of the paid up share capital.

The bidder should submit audited copies of balance sheet, Profit and loss statement for the immediate past three years.

- ## 6.3 Bidder shall have adequate set up and engineering workforce with requisite experience in India to carry out engineering consultancy and project monitoring services for installation of FGD System work and techno-commercial/financial expert. Bidder should have workforce as tabulated below:

Sr. No.	Category	Qualification & Experience	Minimum requirement
1.	Technical Lead/ Advisor	Graduate/PG in Mechanical Engineering with minimum 15 years' experience. He will be responsible for the overall progress of the project. He will lead the entire project team. He should have advised minimum two projects in preparation of EPC contract for implementation of FGD System for thermal plant unit of more than 200 MW capacities.	1 No.
2.	Sr. Field Engineer	Graduate in Mechanical Engineering with minimum 10 years' experience. He will be responsible for the project implementation, monitoring & relevant suggestions for installation of FGD System project. He should have experience of implementing minimum two projects of installation of FGD System for thermal plant unit of more than 200 MW capacities.	2 Nos.

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3.	Financial Expert	CA/ICWA/MBA (Finance) with minimum 15 years of experience. He should have experience in planning the financial models & roadmap for power/energy sector.	1 No.
4.	Mechanical Engineer	Degree in Mechanical Engineering with minimum 5 years' experience. He should have experience in mechanical consulting services.	2 Nos.
5.	Electrical Engineer	Degree in Electrical Engineering with minimum 5 years' experience. He should have experience in electrical consulting services.	2 Nos.
6.	Control & Instrumentation	Degree in Electrical/Electronics Engineering or equivalent stream with minimum 5 years' experience. He should have experience in Control & Instrumentation consulting services	2Nos.

Bidder should submit details (CV) of experienced and qualified personnel.


**6.4** Bidder should not be under ban/debarment by any Central/state Govt. organization.

All above qualifying requirements are to be read in totality and not in isolation.

**7.0** Bid Security: The bidder shall have to deposit an interest free Bid Security i.e. unconditional Earnest Money Deposit (EMD) amounting to **INR 2,53,000/-**(In words INR Two Lakh Fifty Three Thousand only) online via E-payment on SRM Portal. Bidder shall submit the print out of EMD E-payment receipt along with Cover -1.

**8.0** MAHAGENCO does not bind itself to accept the lowest or any of the bids and reserves the right to accept any bid or reject any or all bids without assigning any reasons thereof.

**9.0** MAHAGENCO reserves the right to withdraw this Invitation for Bids or cancel the bidding process at any time without assigning any reason for such decision.

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**10.0** The bidders are required to visit [www.mahagenco.in](http://www.mahagenco.in) and or <https://eprocurement.mahagenco.in>, for corrigendum/amendments, if any at a future date.

For further clarification, Superintending Engineer/Executive Engineer, Project and Planning can be contacted on 022-26474211(Extn: 2304)/ 08879770703 /9769644796

Email:-[cgmpp@mahagenco.in](mailto:cgmpp@mahagenco.in) / [dycegpp1@mahagenco.in](mailto:dycegpp1@mahagenco.in) / [segpp1@mahagenco.in](mailto:segpp1@mahagenco.in) /

Sd/-

Chief Engineer (P&P)  
MAHAGENCO,Mumbai -400 051