

NOTICE FOR INTERNATIONAL COMPETITIVE BID

**FOR
FLUE GAS DESULFURIZATION (FGD) SYSTEM
FOR**

2X600 MW ANUPPUR THERMAL POWER PROJECT, MADHYA PRADESH, INDIA

- 1.0 MB Power (Madhya Pradesh) Ltd. has set up 2 x 600 MW Anuppur Thermal Power Plant (Phase-I) at Jaithari, Dist. - Anuppur, in the state of Madhya Pradesh. The project site is located at a distance of about 2 Kms. from Jaithari Railway station on Katni - Bilaspur Broad Gauge (BG) section of South East Central Railway (Main Line). Anuppur is the nearest town situated at 15 km. The nearest airports are Jabalpur and Raipur.
- 2.0 Ministry of Environment Forest and Climate Change (MOEF& CC) Government of India has released new environmental regulations applicable to coal fired thermal power plants in the country on 7th December 2015. The new norms shall be complied by all operating Thermal Power Stations. To meet the new MOEF & CC norms of SO₂ emission it is necessary to install Wet Lime Stone based Flue Gas Desulfurization (FGD) system.
- 3.0 The scope includes design, engineering, project management, procurement, manufacture, supply, transportation to site, handling & storage at site, construction, erection, testing & commissioning and associated civil works, initial operation, reliability & trial operation, performance guarantee, followed by successful acceptance & hand-over of the complete FGD system (Wet Lime Stone based Flue Gas Desulphurisation) on EPC basis and related auxiliary systems, spares, manuals etc. to the Owner.
- 4.0 Both units have been commissioned and are under commercial operation.
- 5.0 Bidder should go through the following qualifying criteria and submit relevant documents alongwith offer by specified date:

5.1. TECHNICAL ELIGIBILITY AND QUALIFICATION REQUIREMENTS

To be eligible for Award of Contract, Bidders shall provide evidence, satisfactory to Owner, of their eligibility and of their capability and adequacy of resources to carry out the subject contract effectively. Bids submitted shall include the following information:

- a. The Bidder shall have experience of executing projects on Engineering, Procurement and Construction (EPC) basis of WL FGD system for coal based Power Plant units of each absorber having flue gas handling capacity of 2.0 million Nm³/hr or higher with desulphurisation absorption efficiency of at least 90 % and which are completed during last seven (7) years and in successful operation for a period of not less than two (2) years as on date of bid opening. Further, Bidder should be either manufacturer of WLF GD system or should have JV/ legal collaboration / consortium with WLF GD manufacturer / technology provider.

OR

- b. The Bidder shall be an Engineering, Procurement and Construction (EPC) organization, which has experience of execution of Coal based Thermal Power Plants and has engineered /got engineered, supplied, erected and commissioned Coal based Thermal Power Plant or BTG or Balance of Plant of minimum value of Rs.300 Crore; completed during last Seven (7) years and in successful operation for a period of not less than two (2) year as on date of bid opening. Further, Bidder should have Joint Venture (JV) / legal collaboration / consortium / JDU agreement with WLFGD manufacturer / technology provider.

In the above clause 5.1 (a) & (b) where the JV/legal Collaboration/Consortium with the partner being the WLFGD manufacturer/Technology provider, "partner" shall also have supplied/provided WLFGD system for coal based Power Plant units of with each absorber having flue gas handling capacity of 2.0 million Nm³/hr or higher with de-sulphurisation absorption efficiency of at least 90 % and which are completed in the last 7 years and in successful operation for a period of not less than 2 years as on date of bid opening.

In the above clause 5.1 (a) & (b), At least one Eligible WLFGD Project should have been executed in a country outside the country of incorporation/ origin / Head Quarters of the Bidder either by the Bidder himself or by its licensee in the last 7 years and in successful operation for a period of not less than 2 years as on date of bid opening.

- c. Bidder should also have a valid ongoing collaboration with the WLFGD manufacturer/technology provider meeting requirements of clause 5.1 on its own, valid minimum up to the end of the defect liability period of the contract to be awarded in this bidding. Either in such a case Bidder can source the FGD System from such manufacturer or manufacture/get manufactured the FGD System as per the design and manufacturing drawings of such WLFGD manufacturer/technology provider.
- d. In clause 5.1 (a) & (b) above, the Bidder shall furnish a Deed of Joint Undertaking (DJU) executed by it. The Partners should have 26% or higher equity participation in the Subsidiary Company / JV Company and all partners shall have jointly and severally liable to the Owner for successful performance of the FGD System including meeting the technical guarantees. The DJU shall be submitted along with techno-commercial bid, failing which the Bidder shall be disqualified and its bid shall be rejected.
- e. The WLFGD system package already executed shall include, Limestone/Gypsum unloading, crushing and handling, Limestone/Gypsum Storage, Limestone/Gypsum Forwarding system, complete WLFGD system including CFD modeling, wet stack, Electrical system, Instrumentation & Control system and civil & structural and any other works as required to complete installation & operation of the FGD system.
- f. Failure to meet the above Qualification Requirement shall render the bid to be rejected and bids of only qualified bidders shall be considered for detailed techno-commercial evaluation.

Therefore, the Bidder shall in their own interest furnish complete documentary evidence in the first instance itself, in support of their fulfilling the Qualification Requirement as given above.

5.2. FINANCIAL ELIGIBILITY AND QUALIFICATION REQUIREMENTS

- a. Bidder should have an annual turnover of not less than INR 5000 Million (Rupees Five Thousand Million only) or in equivalent foreign currency during the last three (3) financial years with positive net worth.
- b. In case of JV/ legal collaboration / consortium / MOU agreement, any member should meet the above financial qualifying requirement.
- c. Failure to meet the above Qualification Requirement, shall render the bid to be rejected and bids of only qualified bidders shall be considered for detailed techno-commercial evaluation. Therefore, the Bidder shall in their own interest furnish complete documentary evidence in the first instance itself, in support of their fulfilling the Qualification Requirement as given above.

6.0 Tender document containing Specification and other commercial conditions along with their annexures can be obtained from the authorized persons as given below:

1. M P Singh (AVP- Procurement & Contracts)

MB Power (Madhya Pradesh) Ltd,

239, Okhla Industrial Estate Phase III, New Delhi - 110 020

Tel: +91-11-47624100, Extn: 242

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2. Devender Kumar (Procurement & Contracts)

MB Power (Madhya Pradesh) Ltd,

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Tel: +91-11-47624100, Extn: 478

Mobile:+919871706832

Email ID – devender.kumar@hpppl.in

NOTE: Based on evaluation of their submitted offer, order can be awarded on techno-commercial consideration.

7.0 Tender details and schedule shall be as under:

Date of Issue of Tender	10/12/2018
Last Date for submission of Bid	15/01/2019