

## **SECTION-1**

### **NOTICE INVITING TENDER**

### **FLUE GAS DESULPHURISATION SYSTEM**

**FOR**

**KAWAI TPP, PHASE I (2x660 MW)**

**UDUPI TPP, PHASE I (2x600 MW)**

**MUNDRA TPP, PHASE I & II (4x330 MW)**

**TIRODA TPP, PHASE I, II & III (5x660 MW)**

**(INTERNATIONAL COMPETITIVE BIDDING)**

**ADANI POWER LIMITED**  
**NOTICE INVITING TENDER (NIT)**  
**FOR**  
**FLUE GAS DESULPHURISATION SYSTEM**  
**(International Competitive Bidding)**

NIT No. : APL-5500-01

Date: 05.10.2020

Tender Document No.: APL/FGD/01/2020

**1. Introduction**

**1.1** Adani Power Limited ("**APL**"), the power business subsidiary of Adani Group intends to install Wet Limestone based Flue Gas Desulphurisation ("**FGD**") System for the Operating Units of its subsidiaries as specified below:

- a) Kawai TPP, Phase I (2x660 MW)
  - b) Udupi TPP, Phase I (2x600 MW)
  - c) Mundra TPP, Phase I (2x330 MW) & Phase II (2x330 MW)
  - d) Tiroda TPP, Phase I (2x660 MW), Phase II (1x660 MW) & Phase III (2x660 MW)
- (individually called as the "**Plant**" and collectively as the "**Plants**").

**1.2** Adani Power Limited (hereinafter referred as "**Owner**"), hereby invites sealed bids from eligible bidders in two (2) stages (Stage-I: Techno-commercial Bid and Stage-II: Price Bid), for Design and Build on EPC basis along with Operation and Maintenance of Wet Limestone based FGD System for a period of five (5) years from the date of Commissioning for the aforementioned Plants as per the scope of work mentioned hereinafter.

**2. Brief Scope of Work**

The selected bidder is required to perform obligations pertaining to;

- (a) design, engineering, manufacturing, shop fabrication, procurement, inspection and testing at manufacturer's and/or sub-vendor's works, packaging and forwarding, supply, transportation including transit and marine insurance, receipt, unloading, handling and storage at site, complete services of construction including site fabrication, installation, civil and structural works, erection, testing, commissioning, conducting performance guarantee tests of equipment under bidder's scope of work and retrofit works in existing facilities of subject Plant, on a single turnkey EPC basis, as more specifically detailed in the Tender Documents (*as defined below*).
- (b) complete operation and maintenance of the said facility for a period of five (5) years from the date of Commissioning including provision for manpower, tools and plants. Limestone, chemicals, other consumables, and spares will be supplied by the Owner and are excluded from O&M services.

### 3. Content of Tender Documents

#### 3.1 The Scope of Work, the bidding procedures and the terms and conditions are set forth in the Tender Documents which comprises of the following documents:

Volume – I : Conditions of Contract

Volume – II : Specifications

(collectively the “**Tender Documents**”)

### 4. Time Schedule

#### 4.1 The time schedules prescribed under the Tender Documents shall be of essence and the bidder would be required to strictly adhere to the time schedules prescribed therein for performance of its obligations:

NIT no. and date	APL-5500-01, dated 05.10.2020
Tender Document no.	APL/FGD/01/2020
Type of Bidding	Two (2) stage
Bid document sale period	06.10.2020 to 16.10.2020 (on all working days)
Bid document sale timing	From 1000 hours (IST) to 1700 hours (IST)
Last date for receipt of bid queries	Upto 1700 hours on 23.10.2020
Owner's reply to pre-bid queries raised by bidders(s)	by 30.10.2020
Last date and time for submission of Techno-commercial Bid (Stage-I)	Upto 1700 hours (IST) on 13.11.2020
Date and time for opening of Techno-commercial Bid (Stage-I)	1730 hours (IST) on 13.11.2020
Last date and time for submission of Price Bid (Stage-II)	Shall be intimated later subsequent to evaluation of Techno-commercial Bid.
Date and time for opening of Price Bid (Stage-II)	Shall be intimated later subsequent to evaluation of Techno-commercial Bid.
Bid validity period	The bid should be kept valid for a period of 180 (one hundred eighty) days from the last date of submission of bids specified hereinabove.
Fee for procurement of Tender Documents	Indian Rupees 25,000 (Indian Rupees Twenty Five Thousand) or United States Dollars 500 (United States Dollars Five Hundred) which is inclusive of applicable GST.

#### 4.2 The Owner reserves the right to alter the proposed schedule at the time of pre-award discussions with the successful bidder.

- 4.3** A complete set of Tender Documents can be purchased by remitting the fee stated hereinabove for procurement of Tender Documents through 'Real Time Gross Settlement' to the payee's bank account, details of which shall be provided on request, or through 'Demand Draft' or 'Pay Order' drawn in favour of Adani Power Limited, payable at Ahmedabad, Gujarat, India, addressed to:

Head - Energy Contract Management Group,  
Adani Group – Energy Vertical

Adani Power Limited  
First Floor, North Block, Adani Corporate House,  
Shantigram, Near Vaishnodevi Circle,  
Ahmedabad – 382 421, Gujarat, India.

Ph.: +91-79-2555 4401  
Email: techcom.power@adani.com

**5. Earnest Money Deposit**

- 5.1** All bids must be accompanied by a bid security as earnest money deposit for an amount as specified below in the form of '**Demand Draft**' in favour of "**Adani Power Limited**" payable at Ahmedabad or in the form of an unconditional and irrevocable bank guarantee with such terms and conditions and in accordance with the format as prescribed by Owner ("**EMD**").

No of Projects bidder is interested	EMD Amount (INR)	EMD Amount (USD)
One (1) project	2,00,00,000	300,000
Two (2) projects	3,00,00,000	450,000
Three (3) projects	4,00,00,000	600,000
Four (4) projects	5,00,00,000	750,000

- 5.2** EMD shall be kept in a separate sealed cover and put in Techno commercial bid while submitting the bid. Any bids that are not accompanied by an acceptable EMD for participation shall be considered as invalid and shall not be considered in respect of the bid herein.

- 5.3** If the bidder is quoting prices in more than one currency, the EMD shall be in United States Dollars only.

**6. Qualifying Requirement for Bidders**

In order to qualify to bid for the Project, the Bidder shall be required to meet the following requirements:

- 1) 'Technical Qualifying Criteria', as specified in Clause 6.1 below; and
- 2) 'Financial Qualifying Criteria', as specified in Clause 6.2 below.

## 6.1 Technical Qualifying Criteria

The bidder should meet the qualifying requirements stipulated below;

- (a) The bidder should be an Engineering, Procurement and Construction (EPC) organization and in the last 10 years should have at least executed large project on EPC basis (with or without civil works) in either of below fields:
  - (i) coal based power plant having minimum capacity of 500 MW or above;  
or
  - (ii) Infrastructure sector.

The total contract value of such projects should be atleast Indian Rupees 350 Crores\* (Indian Rupees Three Hundred Fifty Crores) or more. At least one of such projects (in single or multiple contract) should have a total contract value of Indian Rupees 150 Crores\* (Indian Rupees One Hundred Fifty Crores) or more. These projects shall be in successful operation for a period of not less than one (1) year as on the last date of submission of Techno-commercial bid.

*\*(or its equivalent amount in any foreign currency)*

- (b) The Bidder should have minimum three (3) years of experience in operation and maintenance of coal based power plant (in part or full) of 500 MW or above.
- (c) The Bidder should have a collaboration with either FGD manufacturer or technology provider of FGD System. The Bidder shall also provide required documents supporting such arrangement with manufacturer of FGD system or technology provider for qualifying the technical requirement.

For the purpose of above Clause 6.1(c), the manufacturer of FGD system or technology provider should have; (i) designed, engineered, supplied; (ii) erected by itself or supervised the erection; and (iii) commissioned or supervised the commissioning, of at least one (1) no. of wet limestone based FGD System consisting of at least one (1) no. absorber system, having flue gas treatment capacity of not less than 2,000,000 Nm<sup>3</sup>/hr with desulphurisation efficiency of at least 90%, operating in a pulverised coal fired power plant. The above wet limestone based FGD System should have been in successful operation for a period of not less than two (2) years as on the last date of submission of Techno-commercial bid.

## 6.2 Financial Qualifying Criteria

### 6.2.1 Turnover of the Bidder

- (a) The average annual turnover of the Bidder should not be less than Indian Rupees 400 Crores (Indian Rupees Four Hundred Crores) (or its equivalent amount in any foreign currency), as evidenced by the audited accounts, in any three (3) financial years (proposed by the bidder) out of the immediately preceding four (4) financial years, as on the last date of submission of Techno-commercial bid.

- (b) In cases where audited results for the last financial year as on the last date of submission of Techno-commercial bid are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters.

- 6.3** For the qualification of Bidder(s), as specified in Clause 6.1 and 6.2 above, the credentials of Holding company of the Bidder(s) will also be considered.

**Note for Clause 6**

**Definitions:**

1. Whenever the term 'coal fired' is appearing above, "Coal" shall be deemed to also include bituminous coal/ brown coal/ anthracite coal/ lignite.
  2. "Flue Gas Desulphurisation System" or "FGD System" wherever appearing above shall mean consisting of atleast Absorber System.
  3. "Holding Company" shall have the meaning ascribed to them as per Companies Act of India.
- 7.** Bids shall be submitted by the bidders on or before the time and date stipulated in Clause 4 for submission of the bids at the address given below. The bids shall be opened by Owner on the date and time stipulated in Clause 4. Any late submission of bid by the bidder shall be rejected, on Owner's sole discretion.

Head - Energy Contract Management Group,  
Adani Group – Energy Vertical  
Adani Power Limited  
First Floor, North Block, Adani Corporate House,  
Shantigram, Near Vaishnodevi Circle,  
Ahmedabad – 382 421, Gujarat, India.

- 8.** Issuance of Tender Documents to any bidder shall not construe that such bidder is considered to be qualified. Further, Owner reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of the contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for Owner's action. The decision of Owner shall be final and binding in this regard.