

Ref. No. DIL/DENOX-01

15.10.2022

**DHARIWAL INFRASTRUCTURE LIMITED  
2X300 MW UNITS  
NOTICE INVITING TENDER**

**TENDER NO.: DIL-NOx-SUPPLY-01  
FOR  
SUPPLY OF DE-NOx SYSTEM AND AUXILIARIES**

**International Competitive Bidding**

**Dhariwal Infrastructure Limited (DIL)** invites sealed Bids through International Competitive Bidding (ICB) mode from eligible Bidders for “Supply of De-NOx System and Auxiliaries” for Dhariwal Infrastructure Limited (2x300 MW) Thermal Power Plant at Chandrapur, Maharashtra, India as per the brief scope of work mentioned hereinafter.

**1. Brief Scope of Work:**

Bidder's scope of work for “Supply of De-NOx system and Auxiliaries” includes complete design, engineering, manufacture, procurement, shop fabrication, quality control, preassembly, shop testing at manufacturer's works, supply, inspection, packing, transportation up to site including transit insurance (for foreign bidders supply should be CFR up to Indian Port) for retrofitting of NOx Emission Control in the boilers of 2X300 MW units at DIL (De-NOx System) involving combination of boiler combustion optimization and burner modification with installation of additional Separate Over Fire Air (SOFA) to control the NOx emission below 400 mg/Nm<sup>3</sup> at 6% O<sub>2</sub> dry basis and integration with existing control system/DCS without affecting the designed boiler steam and flue gas parameters, FEGT(Furnace exit flue gas temperature), SH (super heater) and RH (reheater) Sprays, unburnt carbon in ash (fly and bottom ash), CO formation and slagging, water wall corrosion due to reduced air atmosphere from 40% TMCR to 105% TMCR boiler load, under various mills combination for the range of coals as per Annexure 1, Vol-II of Technical Specification.

Bidder's scope also includes providing all applicable inputs required for the project, project management as required, supervision & technical input/guidance for erection, pre- commissioning, commissioning, demonstrating performance guarantees of De-NOx System, followed by successful acceptance & handover of system to the Owner.

The detailed scope of work shall be as defined in the bidding document No: **TCE.12527A-H-6177-01**.

**2. Techno-Commercial & Price Bid:**

The complete set of Bid Documents may be obtained by any Bidder, on payment of non-refundable fee in the form of RTGS/NEFT/ Wire Transfer, as detailed below, in favour of DHARIWAL INFRASTRUCTURE LIMITED.

Bids are to be submitted in two parts i.e., the Techno-Commercial Bid along with Bid Security in the form of a bank guarantee in favour of DHARIWAL INFRASTRUCTURE LIMITED and the Price Bid, as detailed below.

Bid not accompanied by an acceptable Bid Security in a separate sealed envelope shall be rejected by DIL as being non-responsive and returned to the Bidder without being opened.

Issue of NIT	15.10.22
Cost of Bid Document (Non-refundable)	₹ 11,800/- (INR Eleven Thousand Eight Hundred Only) for Indian Bidders and US\$ 150(USD One Hundred Fifty only) for International Bidders.  The above amount is inclusive of GST and can be deposited through RTGS/NEFT/Wire Transfer to our Designated Bank Account, details of which have been furnished in Notice Inviting Tender (NIT).
Bid Security	₹ 10,00,000/- (INR Ten Lacs Only) for Indian Bidders and US\$ 12000 (USD Twelve Thousand Only) for International Bidders in the form of an unconditional and irrevocable Bank Guarantee with such terms and conditions and in accordance with format as prescribed by Owner.  The Bid Security should be valid for a period of 30 (Thirty) days beyond the validity of the Bid.
Sale of Bidding documents	18.10.22 (10:00 Hrs.) to 28.10.22 (13:00 Hrs.)
Last date of submission of Bid	14.11.22 at 15:00 Hrs.
Techno-Commercial Bid opening date & time	15.11.22 at 10:30 Hrs.
Price Bid opening date & time	To be intimated later

**Bank Details:**

Details of Designated Bank Account:	
ICICI Bank	ACCOUNT NO: 000605022256
	IFSC CODE: ICIC0000006
	NAME: DHARIWAL INFRASTRUCTURE LIMITED
SWIFT CODE	ICICINBBCTS
ADDRESS	ICICI BANK LIMITED
	20, R.N. Mukherjee Road Kolkata-700001, West Bengal, India

Bidders shall submit details of their pre-qualification along with the Techno-Commercial Bid. Documentary evidence in support of the above has to be submitted.

Un-priced copy of Price Bid should also accompany the Techno-Commercial Bid. The Price Bid duly filled up shall be submitted along with the Techno-Commercial Bid in separate sealed envelope and the same will be opened subsequently after completion of techno-commercial evaluation.

### **3. Qualification Requirement:**

Participation by any bidder from outside India shall be subject to compliance with the instructions/ orders issued by the Ministry of Power and/or other Ministries/Departments of the Government of India ('GOI'), as may be applicable to such foreign bidder.

Bidder will have to meet the Technical and Financial qualification to get qualified for further evaluation of the Bid submitted.

#### **3.1 Technical:**

##### **ROUTE-1:**

The Bidder should have designed, engineered, manufactured / got manufactured, supplied, erected / got erected and commissioned at least two (2) Boilers of coal based thermal power plants in India or abroad, in which Low NOx Burners, Separate Over Fire Air (SOFA) with automated Secondary Air Damper Control etc. have been installed to reduce NOx emission (De-NOx System) in flue gas below 450 mg/Nm<sup>3</sup>.

These Boilers should have steaming capacities of minimum 1000 TPH and should have been in successful operation for a period of not less than two (2) years as on the date of bid submission.

A foreign Bidder may bid jointly with its wholly owned Indian subsidiary under Route-1, in which case, the technical and financial qualification criteria can be met by the foreign Bidder.

OR

##### **ROUTE-2:**

The Bidder should have designed, engineered, manufactured / got manufactured, supplied, erected / got erected and commissioned at least two (2) NOx reduction projects (De-NOx Project) for existing boilers in India or abroad, in which Low NOx Burners, Separate Over Fire Air (SOFA) with automated Secondary Air Damper Control etc. have been installed to reduce NOx emission in flue gas below 450 mg/Nm<sup>3</sup> in coal based thermal power plants.

These Boilers should have steaming capacities of minimum 600 TPH and should have been in successful operation for a period of not less than one (1) year as on the date of bid submission.

#### **3.2 Financial:**

Bidder should have an average annual turnover of not less than INR 6000 million (INR Six Thousand Million only) or in equivalent foreign currency during the last three (3) financial years.

The Net Worth of the Bidder as on the last day of the preceding financial year prior to the date of bid submission shall not be less than 100% of the paid-up share capital of the Bidder.

Interested Bidders meeting the above qualification criteria can download the document by paying a tender fee as enumerated in Clause 2.0 above.

User ID and a user specific password along with link for download shall be issued to those interested Bidders who have remitted the tender fee and from whom a request has been received for issue of tender document. Request e-mail should consist of proof of payment towards purchase of Bid document, company name, valid e-mail address and mobile number.

#### **4. Completion Schedule:**

Delivery period for all items covered under this package shall be latest by 120 days and 210 days from date of placement of work order for 1<sup>st</sup> unit and 2<sup>nd</sup> unit respectively. Supply for the two units may be staggered by 3 months.

#### **5. Bid Validity:**

Bids shall be valid for 180 days from the Bid submission date.

#### **6. General:**

- a. Bid Security and Price Bids are to be submitted in separate sealed envelopes appropriately marked with DIL's Tender Number & Bidder's Name, Address and Contact Details written in bold Capital letters. Techno- Commercial Bids are to be submitted online.
- b. Bids submitted without Bid Security shall be rejected (without opening).
- c. DIL shall not be responsible for misplacement or late receipt of Bid Documents (including those by Postal Delivery).
- d. Bid Documents are not transferable.
- e. Bidder's representative (not more than two per bidder) may choose to attend the Online Bid opening process. Link for attending Bid opening meeting will be intimated later.
- f. DIL reserves the right to assess the capability / qualifications of the Bidder and/or its associate to satisfactorily perform the contract. During such assessment the Bidder may interalia be required to demonstrate past experience of timely completion of works of similar nature mentioned above as well as satisfactory performance of the plant and equipment supplied and installed by them or their associate.
- g. DIL reserves the right to reject the proposal of any or all Bidders without assigning any reasons whatsoever (including but not limited to any non-compliance of the Bidder with the applicable instructions/orders issued by the Ministry of Power and/or other Ministries/Departments of the Government of India, as may be applicable to such Bidder).
- h. DIL reserves the right not to accept the lowest offer without assigning any reason whatsoever.
- i. DIL reserves the right to negotiate with any or all of the Bidders on any terms and conditions.
- j. DIL reserves the right to cancel or withdraw the bidding process at any time during the process without assigning any reason whatsoever and shall bear no liability whatsoever consequent upon such a decision.

All correspondence / inquiry with respect to above shall be addressed to:

**Mr. Pulak Nandy**  
**Deputy General Manager (Operation Services)**  
**Dhariwal Infrastructure Limited**  
**CESC House**  
**Chowringhee Square**  
**Kolkata – 700 001**  
**West Bengal, India**  
**Telephone: +918335067266, +919163302163**  
**Email: [pulak.nandy@rpsg.in](mailto:pulak.nandy@rpsg.in)**