

**Notice Inviting Tender**

**(International Competitive Bidding)**

Ref: RPL-RTPPE-MES-E24-P-00001

Date: 06.07.2016

Rosa Power Supply Company Ltd., a wholly owned subsidiary of Reliance Power Limited invites International Competitive Bidding (ICB) for setting up of 2X600 MW coal fired Super / Ultra Super Critical Thermal Power Project at Rosa, Shahjahanpur, Uttar Pradesh, India.

**1. SCOPE OF WORK**

The entire scope of works of the complete power plant (including Civil Works for complete Plant) is divided in two parts viz. Part-A and Part-B and the division of Scope of Works under the respective parts are as enumerated below:

**Part – A : Main Plant – BTG**

- a. Complete Boiler Island with all associated auxiliaries
- b. Complete Turbine and Generator System with all associated auxiliaries

**Part – B : Balance of Plant and all Civil Works (incl. for Main Plant) – BOP**

- a. Complete Civil Works of Main Plant (BTG and BOP), inside and outside plant, including area grading, boundary wall, non plant buildings etc.
- b. Complete Balance of Plant System including Station C&I and facilities inside and outside the Plant designated boundary
- c. Equipments and Works, complete in all respects, for transportation of coal
- d. Electrical Works complete for BTG + BOP including Switchyard for power evacuation

Bidders participating in this tender can quote either for the complete BTG scope of works under Part A or complete BOP scope of works under Part B or for both together depending upon their qualifications as stipulated under Clause 2.0.

**2. QUALIFICATION REQUIREMENTS**

**2.1 Qualification Routes**

There are three (3) different routes proposed for the above Scope of Work for complete Power Plant. The prospective bidder may seek the qualifications through any of following routes as per their experience:

### 2.1.1 Route : 1 [EPC. (for complete Plant)]

Bidders or a Joint Venture or Consortium meeting the requirement at 2.2.1 below, shall associate/collaborate with Supplier(s) or a Holding Company meeting the requirements at 2.2.2 below and can bid for the entire scope of work (including Civil Works) for the power plant viz Part-A and Part-B

### 2.1.2 Route : 2 [BTG Manufacturer]

Bidder meeting the requirement at 2.2.2 below on his own or Bidders (including Joint Ventures) meeting the requirement at 2.2.2.1 or 2.2.2.2 who shall associate/collaborate with Supplier meeting the requirements at 2.2.2.2 or 2.2.2.1 respectively (as applicable), or a Holding Company sourcing from their Subsidiaries who meet the requirements at 2.2.2 below, can bid for the complete scope of works (excluding Civil works) for Part-A for the power plant.

### 2.1.3 Route : 3 [EPC for BOP incl. entire Civil Works for complete Plant]

Bidders meeting the requirement at 2.2.3 below, can bid for the complete scope of works (including Civil works) for Part-B for the power plant.

## 2.2 Qualifying Criteria for Bidders

### 2.2.1 EPC for Complete Plant

A regular Engineering, Procurement and Construction (EPC) Company who has engineered, supplied, erected and commissioned at least one coal based thermal power project, including all Balance of Plants, having at least two (2) units of 300 MW or higher rating would be eligible to bid. The subject Power Plant should have been in successful operation for a period of not less than one (1) year as on date of bid opening. The scope of work of such a reference plant should have necessarily included design, engineering, supply, erection, testing and commissioning of the total plant (with or without Civil works) including all associated Structural, Mechanical, Electrical and C&I works on EPC basis.

and

Minimum Average annual turnover of INR 24bn (USD 360mn) in the past 3 financial years and Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 25% of the paid-up share capital.

### 2.2.2 BTG Manufacturer

#### 2.2.2.1 Steam Generator Manufacturer:

The Bidder should be a regular manufacturer of Steam Generator (SG) for 500 MW or more unit capacity. The Bidder should have designed, engineered, manufactured/got manufactured, erected/supervised erection, commissioned/supervised commissioning of at least one (1) number of pulverized coal fired super-critical/ultra super-critical Steam Generator having rated capacity of 1500 tonnes of steam per hour or above as on the date of bid

submission. Steam generator should be of the type specified, i.e. single pass (tower type) or two pass type using either spiral wound (inclined) or vertical plain/rifled type water wall tubing. In addition, the steam generator should have been provided with evaporator suitable for variable pressure operation (sub-critical and super-critical pressure ranges).

The subject Steam Generator should have been in successful operation for a period of not less than one (1) year as on date of bid opening.

#### 2.2.2.2 Turbine Generator Manufacturer

The Bidder should be a regular manufacturer of Turbine Generator (TG) for 500 MW or more unit capacity. The Bidder should have designed, engineered, manufactured / got manufactured, erected / supervised erection, commissioned / supervised commissioning of at least one (1) number steam turbine of tandem compound, condensing, reheat type of 500 MW or above capacity with main steam pressure of 225 Kg/cm<sup>2</sup> or higher and main steam / reheat temperature of 565<sup>0</sup> C / 565<sup>0</sup> C or higher and at least one (1) number of Generator of two pole hydrogen / water cooled stator and hydrogen / water cooled rotor of 500MW or above capacity.

The subject Turbine and Generator should have been in successful operation for a period of not less than one (1) year as on date of bid opening.

#### 2.2.2.3 Financial Criteria for 2.2.2.1 and 2.2.2.2

The financial criteria applicable for both 2.2.2.1 and 2.2.2.2 combined shall be Minimum Average Annual Turnover of INR 12bn (USD 180 mn) in the past 3 financial years on combined basis and Net Worth of Bidder/Associate/JV Partner/Collaborator for 2.2.2.1 or 2.2.2.2 as on the last day of the preceding financial year should not be less than 25% of the paid-up share capital on individual basis.

#### 2.2.3 EPC for BOP including Civil Works for Complete Plant

The Bidder should have executed contract on Engineering, Procurement and Construction (EPC) basis for Balance of Plant of at least (1)one coal based thermal power plant having unit capacity not less than 500MW in India and which has been commissioned during the last ten(10) years and in successful commercial operation for not less than one (1)year as on date of techno-commercial bid submission. The scope of such reference plant should have necessarily included Design, Engineering, Supply, Erection, Testing and Commissioning of Mechanical, Electrical and C&I, Civil & Structural works on EPC basis for at least the following packages:

Coal Handling Plant

Ash Handling Plant

Induced Draft Cooling Tower

RCC chimney

and

Minimum Average Annual Turnover of INR 12bn (USD 180mn) in the past 3 financial years and Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 25% of the paid-up share capital.

Note:

- a. For technical qualifications, the credentials of the parent company in case of a subsidiary and that of any of the parents/partner in case of a joint venture/consortium can be considered subject to the condition that the organization whose credentials are considered will provide a Deed of Joint Undertaking alongwith a back up Bank Guarantee equivalent to 0.6% of Contract Price as a 'Performance Guarantee', in event of award, to assure the successful execution of the project.
- b. For financial qualifications, the credentials of the parent company in case of a subsidiary and that of any of the parents in case of a joint venture can be considered subject to the condition that the organization whose credentials are considered will provide a 'Financial Support Guarantee', supported by Board Resolution, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the successful execution of the Contract by the Bidder in case of award. In case of a consortium, the combined strength of the consortium members can be considered subject to each one of the members providing a 'Financial Support Guarantee', supported by Board Resolution, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the successful execution of the Contract by the Bidder in case of award.

### 3. **SALE OF BIDDING DOCUMENTS**

Commencement of Sale of Bidding Documents : 06.07.2016

Closing of Sale of Bidding Documents : 06.08.2016

The interested parties can seek tender documents as per above schedule with a written request letter to address mentioned below alongwith accompanying payment for the cost of documents (non refundable) in the form of crossed Banker's Cheque / Demand Draft payable at Mumbai, in favour of "Rosa Power Supply Company Ltd." for an amount of Indian Rupees 100,000/- (Indian Rupee One Hundred Thousand Only) for Indian domiciled entities or US \$ 1500 (US Dollar One Thousand Five Hundred Only) for non-Indian domiciled entities.

#### 4. **DATE FOR SUBMISSION OF BIDS**

The last date for submission of Bids : 17.09.2016

5. Issuance of bidding documents to any bidder shall not be construed that the bidder is considered qualified
6. RPSCCL reserves the right to reject any or all bids or cancel/withdraw the invitation for bids without assigning any reasons whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.

#### **Address for Communication:**

Subashish Sarkar, (VP) / Rajeev Prasad (GM)

Rosa Power Supply Company Limited

Corporate Procurement Group,

D Block, Ground Floor,

Dhirubhai Ambani Knowledge City,

Thane Belapur Road, Koparkhairane,

Navi Mumbai – 400710, Maharashtra State, India

Tel no.: +91 22 3038 2654 / 3038 2738

Email: [subashish.sarkar@relianceada.com](mailto:subashish.sarkar@relianceada.com) / [rajeev.prasad@relianceada.com](mailto:rajeev.prasad@relianceada.com)