

JINDAL INDIA THERMAL POWER LIMITED
REQUEST FOR QUALIFICATION (RFQ)
FOR ENGINEERING, PROCUREMENT & CONSTRUCTION FOR BALANCE OF PLANT
(MECHANICAL) PACKAGES OF (2 X 600MW) THERMAL POWER PLANT
IN DIST. ANGUL, ORISSA, INDIA
(INTERNATIONAL COMPETITIVE BIDDING)

1.0 INTRODUCTION

A USD 600 Million B.C Jindal Group has been operating for the last five decades in the country and is known for its multi-product and multi-location manufacturing establishments. Group's other companies are Jindal Poly Films Ltd., Jindal Photo Ltd, Jindal India Ltd., and Rexor SAS, France. Jindal India Thermal Power Ltd (JITPL), is setting up 2x600MW Coal based Sub-Critical Thermal Power Plant in the State of Orissa, India. JITPL invites proposals from Bidders in response to this RFQ for supply & erection of Balance of Plant (Mechanical) packages as defined hereunder .

Project Information: -

OWNER	:	Jindal India Thermal Power Ltd. Plot No. 12, Sector B-1, Local Shopping Complex, Vasant Kunj New Delhi – 110070
PROJECT	:	2 x 600MW Coal Based Sub-Critical Thermal Power Plant
LOCATION	:	Near village Dereng, Tehsil Talcher Distt. Angul, State of Orissa India Latitude: 21° - 07' – 00" N Longitude: 85° - 00' – 00" E
SOURCE OF COAL	:	* Mandakini Coal Block, Talchar, Orissa * Coal linkage from MCL Coalfields, Talchar, Orissa.
SOURCE OF WATER	:	Brahmani River
ELEVATION ABOVE MEAN SEA LEVEL	:	110 Mtr
ACCESS TO SITE	:	Road : About 35KM North-West of Talcher town and 20 KM from NH-23. Rail: Nearest Railway Station: Talcher

The brief scope of work and pre-qualification requirements are given below: -

2.0 SCOPE OF WORK :-

Manufacturing, fabrication including quality control / shop testing, packaging, forwarding, shipment and transportation to site, handling, preservation & conservation of equipment at site, erection, construction, commissioning, testing, start-up, trial operation, performance guarantee testing, commissioning spares, mandatory / recommended spare parts, special tool and tackles, training of JITPL's personnel, operation & maintenance of the Balance of Plant (Mechanical) package as detailed below:

1. Raw Water System.

Raw Water System including river water pumps, fore bay, cross country piping up to plant reservoir and piping from plant raw water reservoir to pre-treatment plant with raw water pumps, fittings, valves, EOT crane ,complete instrumentation & electrical.

2. Cooling Water / Auxiliary Cooling Water System.

CW/ACW complete system including fore bay design, pipe routing and laying, thrust blocks, pump model study, pumps and motors with necessary piping up to terminal point of condenser inlet/ outlet flange with BFV, REJ and other valves, fittings and inlet and outlet pipeline for PHE at "A" row and "D" row including EOT crane ,complete instrumentation & electrical.

3. Water Treatment Plant

Pre-treatment / DM plant, CPU, ETP, CW filtration (SSF), CW and Raw Water chlorination system, chemicals & chemical lab equipments, complete instrumentation and electrical.

4. LP piping

Low pressure piping with valves, fittings and instruments, misc. pumps, all workshop equipments as per specification , plate type heat exchanger etc.

5. Fire protection and detection system

HVWS, MVWS, Plant Hydrant System, Foam protection system, Inert gas flooding system for main control room, portable fire extinguishers, complete instrumentation and electrical.

6. Compressed Air System

Plant air compressor, air receiver, air drier, inert cooler, after cooler, suction filter and all inter connection piping with necessary valves, fittings, proper instrumentations and electrical for completeness of the system.

7. Fuel oil handling system.

Complete fuel oil unloading system ie fuel oil transferring pumps, storage tank for HFO and LDO, decanting header with adequate number of hoses, oil water separator, necessary piping with valves, fittings, instruments, electrical for completeness of the system requirement.

8. Air conditioning & Ventilation System

Air conditioning and ventilation for areas as per requirement.

9. AAQMS & CMMS.

Ambient air quality monitoring system and continuous monitoring system shall be as per the pollution norms in the plant area.

10. Condenser On Line Tube Cleaning System (COLTCS)

System shall be completed with all necessary items i.e. ball separator, differential pressure

measurement system, ball recalculation skid, cleaning balls, control system etc. for condenser tube cleaning.

11. Miscellaneous cranes and hoists:

Package shall be completed with all necessary cranes and hoists for the mechanical BOP area i.e. for all pump houses, PHE, DMCW pumps, compressor house, DM plant area, for DG set etc. including TG hall EOT crane and EOT crane for turbine driven BFPs, excluding coal handling and ash handling system,

Note:- For packages at S No 3, 5 & 8 , the detailed design & engineering shall also be included in the scope of work of the Bidder.

3.0 BID QUALIFICATION REQUIREMENTS

Bidders should meet the qualifying requirements stipulated hereunder:

A) Technical

- a) The bidder should have completed or undertaken design, engineering, manufacturing, installation, testing and commissioning of at least two (2) units of similar packages for 200 MW or higher capacity.
- b) At least one (01) unit of capacity 200 MW and higher should have been in successful commercial operation for the last two (2) years on the date of submission of RFQ.**

B) FINANCIAL

- a) The Bidder shall have adequate financial resources to execute the Contract concurrently with his other commitments.
- b) The Bidder shall have during the last three(3) financial years an Average Annual Turn Over of not less than Rs.500 million (US\$ 10million) or its equivalent in any other currency.

4.0 SPECIFIC REQUIREMENTS-

The contractor shall furnish satisfactory evidence to establish the following without any ambiguity that:-

- a) He is a qualified contractor who is regularly undertaking the similar contracts and has adequate technical knowledge and practical experience.
- b) He has adequate field service organization to provide the necessary field supervision and management services required to successfully erect, test and commission the equipment as required under the contract.
- c) He has established quality assurance systems and organization designed to achieve high levels of equipment reliability, both during his manufacturing and field supervision activities.

5.0 INFORMATION REQUIRED.

- 5.1 The following information is to be provided by the BIDDER in response to this RFQ:
 - a) Bidder shall furnish their audited profit and loss account and balance sheet for the last three (3) years.
 - b) List of orders for last 3 years for the type of packages offered and their status.

- c) Letter of Authority for the authorized signatory.
- d) Documentary evidence to satisfy the qualifying requirement mentioned above.
- e) In case Bidder is a Joint Venture Company or is associating another Company, the Bidder shall submit a JV agreement or the Joint Deed of Agreement on a non-judicial Stamp Paper of Rs100/- , as the case may be at the time of submission of offer against Request for Proposal (RFP) to be issued to qualified bidders.

6.0 SELECTION OF BIDDERS.

A scrutiny of the information received will be carried out and the selected bidders will be informed in due course. The selected bidders will be furnished with the RFP immediately covering technical specification of package(s), indicating the bid security amount and the timetable for issue and submission of the same.

7.0 METHOD OF SUBMISSION OF INFORMATION AND DUE DATE.

All the bidders are requested to submit the above information through E-mail as well as hard copy ,One Original + 2 Copies(placed in one envelope) duly signed & stamped by authorized signatory of the Bidder, through courier so as to reach the following address **latest by 31.01.2009** :

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Vasant Kunj
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India
Phone : 011-26139256-65
 011-26122063(D)
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