



GMR ENERGY LIMITED,
25/1, SKIP HOUSE, MUSEUM ROAD, BANGALORE – 560 025, KARNATAKA, INDIA.

**NOTICE INVITING REQUEST FOR QUALIFICATION AND REQUEST FOR PROPOSAL
FOR 1000 - 1050 MW KAMALANGA THERMAL POWER PROJECT, ORISSA, INDIA
THROUGH INTERNATIONAL COMPETITIVE BIDDING**

GMR group is a leading player in infrastructure sector in India with established presence in Energy, Airports and Road sectors. GMR Energy Limited (GEL), the flagship company of GMR group in power sector, is intending to set up 1000 – 1050 MW coal fired power plant at Kamalanga village, in the state of Orissa, India. Lahmeyer International (India) Pvt. Ltd. (LII) has been appointed by GEL as GEL's Engineer for the Project.

LII, on behalf of GEL, is inviting application for Request for Selection documents to bid for Qualifications (RfQ) and Selection of turnkey EPC contractor. Reputed EPC contractors as well as Original Equipment Manufacturers (OEMs) of Boiler or Turbine Generator sets of 250 MW or above can apply singly or in consortium.

Details of the Project:

The proposed power plant site is located near Kamalanga village in Dhenkanal district of Orissa state, India at 85° 15' 5" E longitude and 20° 52' 13" N latitude. The land identified for the Project at Kamalanga village near Brahmani river in Dhenkanal district of Orissa. Site is very close to National high way NH-42. The nearest railway station is Bhudapanik, which is about 3 kms from the site and is well connected to Kolkata and other cities. District Angul is at a distance of 25 kms and Dhenkanal is at a distance of 45 kms from the power plant site. Capital Bhubaneswar is at a distance of 95 kms from the proposed power plant. All the heavy equipment for the power plant are expected to be received by road trucks / trailers. Nearest Sea port is Paradeep which is about 150 KM from the site.

The source of raw water required for the power plant would be Brahmani River, which is close to the power plant. Permission to draw the water has already been obtained. Public hearing on Environmental issues had been completed and Environmental clearance for the project is expected. Land acquisition process had already begun and Project is in high preparedness and construction to start on finalization of EPC Contract. However, GEL contemplates to commence enabling works very soon.

Coal for the project would be sourced from Talcher Mahanadi coal fields, which is about 43 kms from the proposed plant. Coal will be transported from coalfields to plant site by bottom opening broad gauge rail wagons. Railway track hopper will be provided inside the plant area for receiving and unloading coal from the wagons. Coal linkage for this project is in place.

Power generated from this thermal power plant would be evacuated at 400 kV voltage level through transmission lines connected to the near by substation, which is about 40 kms from the power plant switchyard. Four numbers of 400 kV outgoing lines would be installed for feeding the power to GRIDCO / PGCIL grid.

Based on the expected deliveries of major equipment and estimated time duration for design, engineering and construction, a commissioning schedule of about 28 months from the date of placement of order for the main plant equipment and auxiliaries has been considered for the first unit followed by the commissioning of the second and third units at every four months thereafter.



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Brief Scope of Work:

Design, Engineering, Manufacturing, Procurement, packing & forwarding, Supply, transportation, receipt, unloading, construction, installation, erection, testing, commissioning and Performance guarantee tests for 1000 – 1050 MW coal based Thermal Power Plant on complete EPC basis at Kamalanga, Dhenkanal Dist., Orissa, India.

The scope broadly includes Boilers, Steam Turbines, Generators, Generator Transformers, all the associated auxiliaries, Unit Auxiliary Transformers, Station Transformers, Plant Distributed Control Systems (DCS), HT Switchgear, LT Switchgear, Fire Detection and Protection systems, River water in-take and supply system, Bearing Cooling water system, EOT cranes, Lighting, cabling, earthing, Civil & Structural works associated with the above. Balance of Plant equipment and systems including Raw water reservoir of 1 million cubic meter capacity, Water and Effluent treatment plants, Coal handling plant, Ash handling plant including ash slurry disposal pond adequate for 5 years ash disposal, closed cooling water system with IDCTs, Compressed air system, Fire Detection and Protection systems, HT Switchgear, LT Switchgear, Fire Detection and Protection systems, Bearing Cooling water system, Cranes & Hoists, Lighting, cabling, earthing, controls & instrumentation, Civil & Structural works associated with the above including leveling, grading, paving, plant access and internal roads and drains, etc.

The above scope is brief and indicative only. Detailed scope is given in the Tender Documents.

Bidding Schedule

Notice Inviting Bids for RfQ & RfP	14 th August 2007
Start of sale of Tender documents	16 th August 2007
Close of sale of Tender documents	14 th September 2007
Pre-bid meeting	Around 10 th September 2007
Last date for receipt of Bids	30 th September 2007

GEL reserves the right to change any or all of the above dates. Any change in the above schedule, will be intimated to the prospective Bidders.

Qualifying Requirements for the Bidders:

Bidder (or in case of consortium, the bidding consortium) should have experience of executing turnkey EPC contracts for power projects or BTG package or BOP Package for a coal fired power Plant of 600 MW or higher with unit size not less than 250 MW with all associated auxiliary equipments and systems on EPC basis, which is under successful, safe and reliable commercial operation, as on Bid submission date. If the Bidder is OEM, he should have boiler or steam turbine generator set for 250 MW or



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higher size units in his manufacturing range and should have supplied and commissioned boilers / turbine generator sets along with associated auxiliary equipment and systems for a plant of 600 MW or higher size. The offered unit size should have been under successful, safe and reliable operation, as on Bid submission date.

Tender Documents:

The Tender Documents consist of the following volumes:

Part A Volume I ITB, Commercial Conditions of Contact for Main Plant and Balance of Plant Packages

Part B Main Plant Package

Volume II A – General Technical Requirements

Volume II B – Mechanical Equipment and Systems Specifications

Volume II C – Electrical Equipment and Systems Specifications

Volume II D – Controls & Instrumentation Specifications

Volume III – Bid Schedules & Data Sheets

Volume IV – Tender Drawings

Part C Balance of Plant Package

Volume II A – General Technical Requirements

Volume II B – Mechanical Equipment and Systems Specifications

Volume II C – Electrical Equipment and Systems Specifications

Volume II D – Controls & Instrumentation Specifications

Volume III – Bid Schedules & Data Sheets

Volume IV – Tender Drawings

Part D Volume V Civil & Structural Works for Main Plant & Balance of Plant Packages

Issue of Tender Documents:

Interested Bidders may collect the Tender Documents, from LII Office at the following address on submission of a written request for the Tender Documents along with supporting documents to demonstrate meeting the above Qualifying Requirements and on non-refundable payment, of Rs. 100,000/- in case of domestic Bidders or USD



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2500/- in case of foreign bidders, towards the cost of Tender Documents in the form of a crossed demand draft drawn in favour of GMR Energy Limited payable at Bangalore.

**Lahmeyer International (India) Pvt. Ltd.,
C – 032 B, DLF Super Mart – I,
DLF City Phase IV, Gurgaon – 122 002,
Haryana, India.**

Contact Person - Mr. Tapan Pal, Project Manager

Phone 91 124 404 0900 / FAX 91 124 404 0905

The documents can be collected by the authorized Representatives of the Bidder also, upon presenting authorization letter in original to this effect at the time of collection of Tender documents. The Tender Documents will not be issued to those requests which are not accompanied by the demand draft towards the cost of the Tender Documents stated above. Tender Documents issued are not transferable. GEL reserves the right not to issue the Tender Documents to any of the Bidders, without assigning any reason.

All correspondence related to the above bidding shall be addressed to only to the Project Manager, Lahmeyer International (India) Pvt. Ltd., Gurgaon as mentioned above and the Project Manager, GMR Energy Limited, Bangalore, as given below:

**GMR Energy Limited
Skip House (4th Floor)
25/1, Museum Road,
Bangalore – 560 025**

Contact Person – Mr. R. Mani Mathavan, Project Manager

Phone : 91 80 22070452 / Fax : 91 80 22070448

All clarifications and confirmations related to the bidding should be sought in writing. Only clarifications / confirmation given by the Project Manager, Lahmeyer International (India) Pvt. Ltd., and / or by the Project Manager, GMR Energy Limited in writing shall be treated valid. Any clarification / confirmation sought or given in verbal or any other means, other than in writing and / or by any other person shall not be valid.

GEL reserves the right to extend the schedule or suspend or cancel the bidding process or change the bidding terms and conditions at any stage, without assigning any reason whatsoever. GEL shall not have any kind of obligation to any of the Bidders or their representatives or any other person / organization in connection with this Bidding process.

Gurgaon
14th August 2007

Project Manager, GMR Kamalanga Project
Lahmeyer International (India) Pvt. Ltd.