



GMR KAMALANGA ENERGY LIMITED

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**INTERNATIONAL COMPETITIVE BIDDING
INFORMATION FOR BIDDERS (IFB)
1x350 MW EXTENSION PROJECT
OF
3x350 MW KAMALANGA THERMAL POWER
PROJECT
AT
DHENKANAL DISTRICT, ODISHA, INDIA**

GMR Kamalanga Energy Limited (Owner) invites Bid for setting up 1x350 MW extension project and its associated systems of 3x350 MW Kamalanga Thermal Power project at Dhenkanal District, Odisha, India.

1. Project Synopsis

GMR Kamalanga Energy Limited., owner, a Special Purpose Vehicle (SPV) promoted by GMR Energy Limited (GEL), a part of GMR group has developed 3x350 MW (1050 MW-gross) coal fired power project in Kamalanga village, Dhenkanal district of Orissa and is under operation.

All the 3 units of 3x350MW GMR Kamalanga Energy Ltd. (GKEL) are in commercial operation from 30th April 2013, 12th November 2013 and 25th March 2014 respectively.

GKEL likes to take-up and complete the development of fourth unit within a period of 24 month from zero date through five packages as listed below in the Description of Packages.

The configuration of GKEL plant is two numbers of 2X350 MW adjacent to each other with common Chimney and Control room for each set of 2 x 350 MW plants. In the second set of 2X350 MW with the common Chimney and Control room, only one unit was developed and in operation and the balance space is available for development. The associated BOP was designed to meet the requirements of all the four units and in use and catering the existing plants except the required system, which are stand alone in nature required for the planned fourth unit. Now GKEL likes to take-up and complete the development of fourth unit within

24-month timeline from zero date through below proposed tentative six packages as listed below in the description of the packages.

The existing unit of GKEL has Fuel linkages with Mahanadi Coal Fields (MCL) subsidiary of Coal India Limited (CIL) and Long term PPA with GRIDCO (Odisha), Uttar Haryana Bijli Vitran Nigam, (UHBVNL) & Bihar State Electricity Board(BSEB) and Medium term Power Purchase Agreement with TANGEDCO (Tamil Nadu).

2. PLANT INFORMATION

- a) **GMR Kamalanga Energy Ltd**, 1050 MW (3X350 MW) Coal based Power Plant located in Kamalanga Village, Dhenkanal district, Odisha, India.
- b) **Location:** The Plant is located at Kamalanga off the National Highway NH55 about 120 km northwest of capital city of Bhubaneswar, Odisha.
- c) **Latitude / Longitude of Project Location:** 20°51'50.7"N/ 85°15'58.1"E
- d) **Temperature:** Maximum Dry Bulb Temp: 47.2 °C & Minimum Dry Bulb Temp: 6.7 °C
- e) **Maximum Annual Rain Fall:** 1400 mm
- f) **Nearest Railway Station:** Angul railway station (25 Km) from site
- g) **Power Evacuation:** Connected to Power Grid Corporation of India Limited (PGCIL) Sub-station for power evacuation
- h) **Power Purchase Agreement (PPA):** GKEL has long term PPA with various DISCOM.
- i) **Main Plant & Balance of Plant:** Boiler from Harbin and Turbine from Dongfang and EPC by SEPCO, China.
- j) **Certifications:** Quality Management System (9001:2015), Environment Management System (14001:2015), OHSAS (18001:2007) and Energy Management System (50001:2011).

3. Proposed Tender Packages for the development of 4th Unit of 350 MW

Description of Packages

- 3.1.** Design, Engineering, Manufacturing, Factory testing, Supply and Supervision of erection, installation, integration, site testing and commissioning of BTG Package.
- 3.2.** Civil works, Erection integration, site testing and commissioning of BTG Package & Design, Engineering, Manufacturing, Factory testing & Supply of Balance of Plant and erection testing and commissioning of BOP (Ash Handling, Pre-Treatment, Truck Tippler, HVAC, Misc Cranes, Sump Pumps, Non-Plant Buildings, Connecting conveyors, Fire Fighting System etc.) and integration of complete unit.
- 3.3.** Design, Engineering, Manufacturing, Factory testing & Supply of Switch Yard and Electricals and erection testing and commissioning.

- 3.4. Design, Engineering, installation and erection testing and commissioning of Induction Draft Cooling Towers.
- 3.5. Design, Engineering, Installation, testing commissioning of Wagon Tippler and its associated ancillaries including Railway track etc.
- 3.6. Design, Engineering, Installation, testing commissioning of Transmission system and its associated ancillaries for STU.

The above given Packages are tentative and can be divided and combined as per the requirement.

4. SCOPE OF WORK – The Brief Scope of Work for the Package No.1

Planning, Design, Engineering, Manufacturing, Inspection, Testing, Packaging, Transportation, Insurance, Supply and supervision of Installation Testing and Commissioning of the 1X350 MW extension project as per tender specification of 3x350 MW Kamalanga Thermal Power project at Dhenkanal District, Odisha, India.

5. QUALIFICATION OF BIDDERS AND THEIR ASSOCIATES

The criteria given below are only for the reference of prospective bidder. The criteria set out in the bid document shall be final.

5.1. Bidder Criteria

This Tender is open to only single bidders (hereinafter called the “**Bidder**”) who is an internationally reputed, well established ‘Original Equipment Manufacturer’ and/or EPC Contractor of ‘BTG Packages’ who meets the Must Conditions stipulated hereunder for participation in this bidding process. Failure to meet any of these qualification requirements shall result in disqualification of the Bidder.

5.2. Financial Criteria:

The Bidder shall provide satisfactory evidence concerning the following that:

- 5.2.1. The Bidder shall not change ownership of its [company/ organization/ association of persons/ partnership/ limited liability partnership] until the completion of all obligations under the relevant Contract.
- 5.2.2. The Bidder shall have adequate financial stability and status to meet the financial obligations under the Contracts, the details of which shall be submitted as part of the Bid Proposal. The ‘Net Worth’ of the Bidder shall not be less than 100% (one hundred percent) of its paid up share capital as on the last day of the preceding financial year.

Net Worth means the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation. In case currency of the Net Worth is expressed in the currency other than Indian Rupees in Bidder's financial statement, the Net Worth should be converted into Indian Rupee at the Reserve Bank of India B.C. selling exchange rate as on the last day of the last fiscal year (In case such date is not working day, the rate of the next working day shall be applied).

In such case, the Bidder should furnish the Net Worth so expressed in the financial statement, exchange rate used for converting into Indian Rupees along with documentary evidence.

5.2.3. The yearly turn-over of the [Bidder/ Associate] must be more than INR 1,000.00 Cr. or equivalent USD.

5.3. Technical Criteria

5.3.1. Bidder meeting any one of the four requirements given at "a, b, c and d" below is eligible to technically qualify for tendering process.

- a) Bidder shall be a manufacturer of steam generating equipment and steam turbine generator equipment meeting the requirements of Clause 5.4.1 and 5.4.2 as stated below
- b) Bidder shall be a manufacturer of steam generating equipment meeting the requirements of Clause 5.4.1 as stated below and associate with a manufacturer of steam turbine generator equipment and
- c) Bidder shall be a manufacturer of steam turbine generator equipment meeting the requirements of Clause 5.4.2 as stated below and associate with a manufacturer of steam turbine generator equipment
- d) Bidder should have executed at least two (2) turnkey contracts of thermal power plants consisting of supply of Boiler Turbine Generator, with auxiliaries and associated Electrical Works, Control and Instrumentation with a plant or unit capacity of 250 MW or above size of which at least one is in successful operation for not less than two (2) years on the date of opening of the Bid Proposal. The scope should, as a minimum, have at least included inter alia:
 - (i) Complete system design and interface engineering for plant and equipment.
 - (ii) Co-ordination of detail engineering.
 - (iii) Co-ordination of procurement, manufacture and supply of plant and equipment.

(iv) Overall Contract Management

(v) Civil Works, Erection, Testing and Commissioning or Supervision of these activities.

5.3.2. In case the bidder qualifies under Criteria B and C of Clause 5.3.1, the Bidder shall furnish an exclusive undertaking for joint and several liability, to be executed by him and his Associate jointly for the successful performance of the entire Contract as per [Annexure-A in Section-V of the ITB document] The Bidder will be contractually bound to GMR on behalf of all his Associates.

5.3.3. In case the bidder qualifies under Criteria D, the bidder shall furnish an exclusive undertaking for joint and several liability, to be executed by him and his Associates, steam generating, steam turbine, generator manufacturers jointly for the successful performance of the entire Contract as per [Annexure-A in Section-V of the ITB document] The Bidder will be contractually bound to GMR on behalf of all his Associates.

5.4. Qualification of Associate Manufacturers

5.4.1. Steam Generator Manufacturer:

The Associate of the Bidder should have designed, manufactured, supplied, erected or supervised the erection activity, tested and commissioned two or more pulverised coal fired (having fired coal of quality equivalent to or worse than that of this project in calorific value and ash content), drum type, reheat, steam generators of capacity of 800 tonnes steam per hour or above, steam pressure of 150 Kg/cm² or more at Turbine Inlet. Also the steam generators supplied by it shall have been in successful commercial operation for not less than 2 (two) years as on the date of opening of Bid Proposal.

5.4.2. Steam Turbine Generator Manufacturers

The Associate of the Bidder should have designed, manufactured, supplied erected, tested and commissioned at least two (2) reheat type steam turbine generator sets with unit capacity of 250 MW or above, steam pressure of 150 kg/cm² or more at turbine inlet. Also the 'Steam Turbine Generators' supplied by it are in successful commercial operation for a period not less than 2 (two) years as on the date of opening of Bid Proposal.

5.4.3. The Associate(s) shall meet the financial criteria for the Contract as per Clause 5.2 above. The details of which shall be filled up in [Volume IIIA of ITB document] to be enclosed with the Bid Proposal.

5.5. In addition to the above, the Bidder shall provide satisfactory evidence concerning the following :

5.5.1. All components and sub-system offered in the Bid Proposal are of proven design and are in satisfactory operation under similar operating conditions for a period not less than 2 (two) years as on the date of opening of Bid Proposal.

5.5.2. The Bidder shall mention in his Bid Proposal minimum two (2) sub-contractor(s) for sub-system(s) against each category of components from whom he is proposing to source such materials for execution of the Contracts. GMR reserves the right to assess the qualifications of such sub-contractors and decide.

The Bidder shall furnish all pertinent qualification data of the sub-contractor(s) in his Bid Proposal. In case, no such sub-contractor list is attached to the Bid Proposal, for any component, the Bidder has to source such component from the sub-contractor(s) to be approved by GMR.

5.6. Evaluation by GMR shall be based on the information submitted by the Bidder in response to the Tender Documents. GMR reserve the right to reject the Bid Proposal if a Bidder and/or his proposed Associate(s) is found to be qualified by giving incorrect and / or false information.


5.7. Any Bidder or its Associate(s) found to be providing incorrect, misleading, or false information shall be liable to be disqualified.

5.8. Notwithstanding anything stated above, GMR reserves the right to assess the capabilities and capacity of the Bidder and his proposed Associate(s) to perform the Contracts, should the circumstances warrant such assessment in the overall interest of GMR.

5.9. The above stated requirements are the minimum and GMR has the right to request for any additional information and also reserves its right to reject any Bid Proposal, if in the opinion of GMR, the qualification data is incomplete, or the Bidder is found not qualified to satisfactorily perform the Works. GMR also reserves the right to annul the bidding process and reject all Bid Proposals at any time prior to award of Contract, without any cost attributable to itself and/or assigning any reason to the Bidder.

5.10. The whole of the Supply Scope and Supervision Services under this package should come as coordinated and integrated package offered by a Bidder. The whole of work stated hereinabove of the Bidder for this package will be on the basis of a single Bidder's responsibility.

5.11. The Bidder shall state in his Bid Proposal the details of his installed manufacturing capacity and up-to-date commitments. In case, the presently available capacity is inadequate to meet the commitments of this tender. Then evidence of meeting the

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requirement through proper tie-ups and evidence for the same should be submitted as a part of the bid proposal.


5.12. The Bidder shall also have or arrange sufficient established quality assurance system under his control and direction in order to achieve a high level of reliability both in manufacturing and in installation and erection activities, which shall be properly elaborated in the Tender.

5.13. The Bidder shall have or arrange an adequate field service organisation to provide necessary supervision of erection and management services at site required to successfully complete erection, testing and commissioning of the Plant including interfaces of civil, structural and architectural works as required under the Bid Proposal. The Bidder shall furnish details of his proposed field service organization for supervision of erection, commissioning and testing activities as part of the Bid Proposal.

6. Tender Schedule (Tentative) for Package no. 1:

Tender No. GKEL/Unit-4 Ext Work/EPC/25-26/001		
Sr No	Description	Date
a)	Issue of NIT	23/06/2025
b)	Start date for accepting the request for tender documents and deposit of tender fee	02/07/2025
c)	Bidding Document sale opening date and time	03/07/2025
d)	Last Date for completion of Site Visit	14/07/2025
e)	Last date for submission of pre-bid queries for Pre-Bid Conference	24/07/2025
f)	Date of Pre Bid Conference (PBC)	04/08/2025
g)	Last date to reply PBC queries	11/08/2025
h)	Last date and time for submission of Bid (both Technical & Price Bid)	29/08/2025
i)	Opening of Technical Bid and verification of Bid Security Submission	29/08/2025
j)	Opening of Price Bid	Shall be intimated later
k)	Bid Validity	365 days from date of opening of Bid Proposal and 3 years price validity for Mandatory and Recommended Spares
l)	Bid Security Validity	365 days from the date of opening of Bid Proposal

INTERESTED PARTIES ARE REQUESTED TO VISIT THE WEBSITE FOR UPDATES ON THE TENDER.

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7. PROCEDURE FOR ISSUING OF BIDS

Interested Vendors are requested to submit a requisition letter along with the tender fee. Against each such requisition letters and tender fee, a unique ID and Password shall be issued. Using the unique ID and Password, the interested vendors can download the tender documents from the website. The participating vendor can communicate with the tender team through the E Mail ID's mentioned in the Address of Communication.

TENDER FEE: The tender fee shall be INR 20,000.00 or USD 250.00

BANK DETAILS FOR GMR KAMALANGA ENERGY LIMITED: -


A FOR PAYMENT IN USD					
IDBI - CORRESPONDENT BANK: CURR: USD Location: NEW YORK	Correspondent Bank	ABBR.	Swift Code	A/C No	
	DEUTSCHE BANKERS TRUST COMPANY AMERICAS	BTC	BKTRUS33	04-169-786	
	BANK OF NEW YORK	BONY	IRVTUS3N	890-0418-613	
	CITIBANK	CITI	CITIUS33	3615-1898	
	STANDARD CHARTED BANK	SCB-USD	SCBLUS33XXX	3582 0670 16001	
	JP MORGAN	JPM	CHASUS33	811165505	
	B FOR PAYMENT IN INR				
GMR Details of IDBI Bank	ACCOUNT NO: 0377103000005289				
	IFSC CODE: IBKL0000075				
	NAME: GMR KAMALANGA ENERGY LTD				
SWIFT CODE	IBKLINBB008				
ADDRESS	IDBI BANK LTD				
	58, IDBI HOUSE, MISSION ROAD				
	BANGALORE – 560 027, INDIA				

PLEASE REMIT FUNDS TO

The funds should be remitted in the above-mentioned bank accounts and the proof should be submitted along with the request for tender at the communication address mentioned below for issue of tender documents.

Payment made details for Tender Documents:

Tender Number	Company Name :-	Package	Payment Details
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GKEL/Unit-4 EXT Work/EPC/25-26/001	1 X 350 MW Extension project GMR Kamalanga Energy Limited., Odisha, India	BTG- Design engineering, supply, and supervision of installation, testing and commissioning.	To be filled by bidders
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User ID and a user specific password along with link shall be issued to those interested bidders who have remitted the tender fee and from whom a request received for issue of tender document.

Tender documents can be accessed and downloaded through the user specific User ID and Password issued to the interested vendor who have submitted the Tender Fee from our website mentioned below:

Website add: www.gmrgroup.in/energy or www.gmrpui.com/energy

Address of Communication:

Mr. Raja S (General Manager - Project Procurement) and **Mr. Divesh Ghai** (Manager - P&C)

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