



Corporate Office Address: New Shakti Bhawan, Opp. Terminal 3, Indira Gandhi International Airport, New Delhi – 110037, India. Website: www.gmrgroup.in

**DOMESTIC COMPETITIVE BIDDING
INFORMATION FOR BIDDERS (IFB)
TO
SET UP FLUE GAS DESULPHURIZATION (FGD) SYSTEM ON ENGINEERING,
PROCUREMENT & CONSTRUCTION (EPC) BASIS**

GMR Kamalanga Energy Limited and GMR Warora Energy Limited (Owner), invite Bid for setting up of Flue Gas Desulphurization (FGD) and its associated system integrated with existing Power Plant, to be executed on Engineering, Procurement and Construction (EPC) basis for -

- I. **3X350 MW GMR KAMALANGA ENERGY LIMITED, DHENKANAL, ODISHA, INDIA**
- II. **2X300 MW GMR WARORA ENERGY LIMITED, WARORA, MAHARASHTRA, INDIA.**

1. SCOPE OF WORK – The Brief Scope of Work is as Under:

Planning, Design, Engineering, Project Management, Procurement, Manufacturing, Inspection, Testing, Supply, Packaging, Transportation, Insurance, Site unloading and Storage, Stores Management, Civil Works, Mechanical Works, Electrical Works and Instrumentation & Control Works, Erection, Installation, Testing & Commissioning, Performance Testing, putting into successful operation and handing over of the Flue Gas Desulphurization System to the Owner on Engineering, Procurement and Construction (EPC) basis

2. PLANT INFORMATION

2A. GMR Kamalanga Energy Ltd, 1050 MW (3X350 MW) Coal based Power Plant located in Kamalanga Village, Dhenkanal district, Odisha, India.

Location: The Plant is located at Kamalanga off the National Highway NH55 about 120 km northwest of capital city of Bhubaneswar, Odisha.

Latitude / Longitude of Project Location: 20°51'50.7"N/ 85°15'58.1"E

Altitude: 70 m above Mean Sea Level

Nearest Railway Station: Angul railway station (25 Km) from site

Power Evacuation: Connected to Power Grid Corporation of India Limited (PGCIL) Substation for power evacuation

Power Purchase Agreement (PPA): GKEL has long term PPA with various DISCOM.

Main Plant & Balance of Plant: EPC by SEPCO, China.

Certifications: Quality Management System (9001:2015), Environment Management System (14001:2015), OHSAS (18001:2007) and Energy Management System (50001:2011).

2B. GMR Warora Energy Ltd, 600 MW (2X300 MW) Coal based Power Plant located at Chandrapur, Maharashtra, India.

Location: The Plant is located near the industrial belt at western region of Maharashtra about 110 km south of Nagpur city on the state highway

Latitude / Longitude of Project Location: 20°16' 47" N/ 78°58' 35" E

Altitude: 200-209 m above Mean Sea Level

Nearest Railway Station: Warora Railway Station (6 KM) from site

Power Evacuation: Connected to Power Grid Corporation of India Limited (PGCIL) Substation for power evacuation

Power Purchase Agreement (PPA): GWEL is fully tied up with various Power Distribution Companies (DISCOM).

Main Plant: Boiler, Turbine Generator (BTG) supplied by SEC, China.

Balance of Plant: Ash Handling Plant, Coal Handling Plant, Water Treatment system, Cooling Water System etc. are executed by various reputed Indian suppliers.

Certifications: ISO 9001, ISO 14001 and OHSAS 18001 certifications from BVQI, SA 8000 by BVSI, ISO 55001 (Asset Management system), ISO 27001 (ISMS), ISO 50001 (EMS).

3. QUALIFICATION REQUIREMENTS

3.1 Technical Requirement:

The Bidder should meet the qualification requirements stipulated in any one of the qualifying criteria:

- a. The Bidder should have designed, engineered, supplied, erected, and commissioned at least one no. of Wet FGD (Flue Gas Desulphurization) unit either of Limestone or Ammonia based Technology for unit capacity not less than 200 MW or having flue gas treatment capacity of not less than 600,000 Nm³ /hr for a Coal based Power Utility and should be in

operation for a period of 1 year reckoned till the date of opening of bid

or

- b. If the Bidder is an Engineering, Procurement and Construction (EPC) company incorporated under the laws of India then it will be allowed to participate as a consortium along with a partner company from a country which does not share land border with India. Such partner should be qualified technically for meeting the requirement as stated in 4.1 (a). In addition, EPC organization should have executed in the last 10 years, projects on EPC basis in Mechanical (with or without civil works) or civil infrastructure in the area of power, steel, oil & gas, petrochemical, fertilizer, railways, transportations, infrastructure development, Flue Gas Desulphurization and or any other process industry with the total value of such projects being INR Two Hundred Crores (INR 200 Crores) or more or equivalent in foreign currency. At least one of such projects in (single or multiple contract) should have a total contract value of INR Eighty Crores (INR 80 Crores) or more equivalent in foreign currency. These projects should have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial Bid opening.

Or

- c. The bidder should be an Engineering, Procurement and Construction (EPC) company incorporated under the laws of India and should have executed, in the last 10 years, projects on EPC basis in Mechanical (with or without civil works) or Civil Infrastructure in the area of power, steel, oil & gas, petro-chemical, fertilizer, railways, transportations, infrastructure development, Flue Gas Desulphurization and or any other process industry with the total value of such projects being INR Two Hundred Crores (INR 200 Crores) or more or equivalent in foreign currency. At least one of such projects in (single or multiple contract) should have a total contract value of INR Eighty Crores (INR 80 Crores) or more equivalent in foreign currency. These projects should have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial Bid opening. Provided that

such EPC organization should also have a valid ongoing collaboration and technology transfer agreement with a technology partner from a country which does not share land border with India meeting the requirements of clause 4.1 a, valid minimum up to the end of the Defect Liability period (as stipulated under the Condition of Contracts of the Tender Document vide Clause No.,20). Such partner shall be termed as Qualified FGD Technology Partner (QFTP). In such a case, Bidder can either source the FGD System from such manufacturer or manufacture/ get manufactured the FGD System as per the design and manufacturing drawings released by such qualified partner.

3.2 Financial Requirement

- a. The minimum average annual turnover (consolidated and standalone) both of the Bidder or one of the Consortium members of the Bidder should be at least INR Two Hundred crores (INR 200,00,00,000) for last three financial years. Bidder shall submit audited and certified financial reports in support of the same. Bidder shall also be required to submit a Letter of Good standing, or a certificate of Authorization issued by bank or state government.
- b. Average Net Worth of the bidder or one of the Consortium members of the Bidder (in case bidding is through consortium) or the EPC organization in last three years, should not be less than INR Seventy-Five Crores (INR 75 Crores).

For the purpose of this qualification requirement Net Worth shall be calculated as follows:

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.

3.3 **Financial requirement of QFTP (Applicable for the qualified technology partner under clause 3.1 c)**

3.3.1 QFTP shall submit documents as listed in ITB. Owner at its own discretion shall evaluate the financial strength of the QFTP by applying due weightage. Owner is at liberty to request for any further document/s during the evaluation process and complete evaluation.

3. DETAILS OF TENDER

Tender No. GKEL& GWEL/FGD/EPC/22-23/001/Amendment 01		
a.	Issue of NIT	29.07.2022
b.	Bidding Document sale opening date and time	05.08.2022
C	Last Date for completion of Visit site	10.10.2022
d.	Bidding Document sale closing date and time	19.10.2022
E	Last date for submission of pre-bid queries for Pre-Bid Conference	10.10.2022
f.	Date of Pre Bid Conference (PBC)	14.10.2022
G	Last date to reply PBC queries	22.10.2022
h.	Last date and time for submission of Bid (both Technical & Price Bid)	31.08.2023
i.	Opening of Technical Bid and verification of Bid Security Submission	01.09.2023
J	Opening of Price Bid	Will be intimated later
k.	Bid Validity	270 days from the date of opening of Technical Bid
l.	Bid Security Validity	270 days from the date of opening of Technical Bid

4. PROCEDURE FOR ISSUING OF BIDS

Interested bidders are requested to remit Tender Fee of **INR 23,600/- per Technology per Plant** (Non-refundable) of above value either in the form of Demand Draft / Bankers Cheque/ RTGS/NEFT as mentioned below: -

BANK DETAILS FOR GMR KAMALANGA ENERGY LIMITED: -

A.	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

BANK DETAILS FOR GMR WARORA ENERGY LIMITED: -

A.	FOR PAYMENT IN INR	
	GMR Details of Axis Bank	ACCOUNT NO: 910020012607286
		IFSC CODE: UTIB0001394
		NAME: GMR WARORA ENERGY LTD
	SWIFT CODE	AXISINBBA02
	ADDRESS	AXIS BANK
		Corporate Banking Branch,
		Mumbai-400021, India

Also a request mail indicating the payment, interested Technology and Plant details as per the table below may be sent to Ms.Savita Chaturvedi (savita.chaturvedi@gmrgroup.in) with copy to Mr. Sanjay Gantayet (sanjay.gantayet@gmrgroup.in) and Mr. Raja. S (raja.s@gmrgroup.in) as per the below given details.

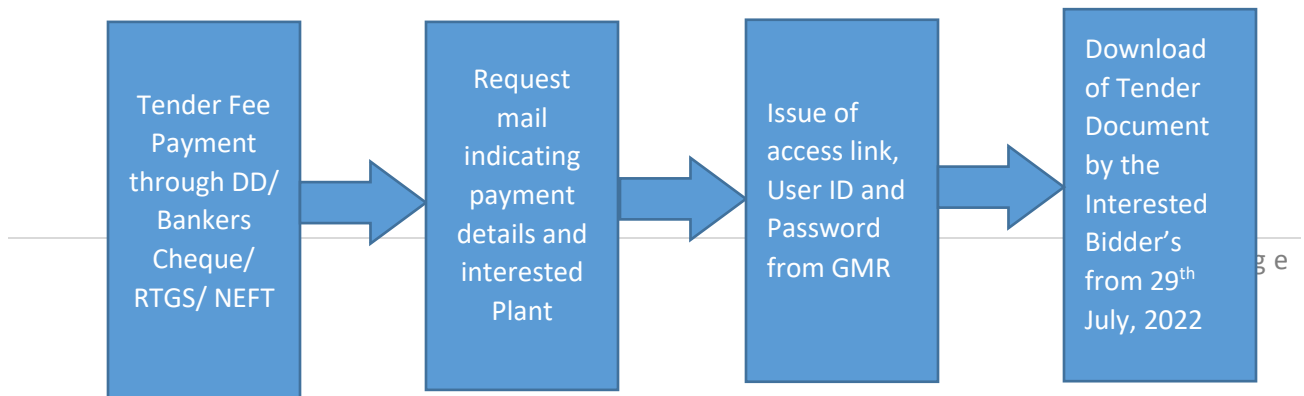
- (1) Payment made details for Tender Documents.
- (2) Interested Plant GKEL/ GWEL and Interested Technology Lime / Ammonia.

Tender Number	Company Name:-	Technology	Payment Details
A	3 X 350 MW GMR Kamalanga Energy Limited., Odisha, India	Wet Lime	To be fill by bidders
B	3 X 350 MW GMR Kamalanga Energy Limited., Odisha, India	Ammonia	To be fill by bidders
C	2 x 300 MW GMR Warora Energy Limited, Maharashtra, India	Wet Lime	To be fill by bidders
D	2 x 300 MW GMR Warora Energy Limited, Maharashtra, India	Ammonia	To be fill by bidders

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 from _____.

A flow diagram indicating the procedure for issuing the tender document shall be as given below: -



Address of Communication:

Sanjay Gantayet (Vice President)

Corporate Procurement Department

GMR Energy Limited

302, New Shakti Bhawan

New Udaan Bhawan Complex

Opp. IGI Airport, Terminal – 3

New Delhi – 110 037

Tel No. – +91 11 49882200/5760/7603 or +91-9319412006

Email: Sanjay.Gantayet@gmrgroup.in