



INVITATION OF EXPRESSION OF INTEREST

**FOR SUPPLY OF 1100 MW UNINTERRUPTED POWER TO NALCO SMELTER
PLANT AT ANGUL.**

REFERENCE: NBC/ BD/ 5712

DATE: 26/09/2023

National Aluminium Company Ltd.

NALCO Bhavan, P/1, Nayapalli,
Bhubaneswar, Odisha-751013



1.0 NATIONAL ALUMINIUM COMPANY LIMITED – AN INTRODUCTION:

- 1.1 National Aluminium Company (NALCO) was incorporated in 1981 as a Public Sector Company under Ministry of Mines, Govt. of India. NALCO is Asia's largest integrated Aluminium complex having Bauxite Mines, Alumina Refinery, Aluminium Smelter and Captive Power Plant situated in the state of Odisha along with Port Facilities at Vishakhapatnam in Andhra Pradesh. Under 'Green Energy Initiative' NALCO has also established Wind Power Plants also.
- 1.2 The Company has charted an excellent track record in both physical and financial performance. The products of the Company are registered in the LME (London Metal exchange). The company has been conferred the "Navaratna" status by the Govt. of India, in recognition of its consistent outstanding performance over the years.
- 1.3 NALCO is one of the largest integrated Bauxite-Alumina-Aluminium- Power Complex in Asia with a 68.25 lakh TPA Bauxite Mine & 21.00 lakh TPA Alumina Refinery located at Damanjodi in Koraput dist. Of Odisha, and 4.60 lakh TPA Aluminium Smelter & 1200 MW Captive Power Plant located at Angul, Odisha.
- 1.4 NALCO has bulk shipment facilities at Vizag port for export of Alumina/Aluminium and import of caustic soda. The company has registered sales offices in Delhi, Kolkata, Mumbai, Chennai and Bangalore and 9(nine) stockyards at various locations in the Country to facilitate domestic marketing.
- 1.5 In the renewable energy sector the company has installed in totality 198.4 MW wind power plants in different states. The company has installed Rooftop Solar Project of 310 kWp at its corporate office, township and Research and Technology Centre (NRTC), Bhubaneswar.
- 1.6 NALCO is the first Public Sector Company in the country to venture into international market in a big way with London Metal Exchange (LME) registration since May, 1989. Certified to various international standards as ISO 9001, ISO 14001, OHSAS 18000 & SA 8000; the Company has also adopted ISO 50001 standards for energy management system.
- 1.7 The major Salable Products of NALCO are: (i) Aluminium Metal-Ingots, Alloy Ingots, T-Ingots, Sows, Billets, Wire Rods, Cast strips, Rolled Products, Chequered Sheets (ii) Alumina & Hydrate- Calcined Alumina, Alumina Hydrate, Special Grade Hydrates, and (iii) Wind Power.
- 1.8 The Company is 3rd highest net foreign exchange earning CPSE in the year 2017-18. The Company is the lowest cost producer of alumina for 2015, 2016 & 2017 and lowest cost producer of bauxite in the world in 2018 as per Wood Mackenzie report. With its consistent track record in capacity utilization,

technology absorption, quality assurance, export performance and posting profits, NALCO is now planning to expand its capacity and foray into downstream value added products. The Alumina refinery is being expanded by another 1.0 Million Tons along with new Bauxite mine at Pottangi (Odisha).

- 1.9 The company has drawn a strategic long term ambitious growth plan to improve its topline and bottom line. One of the strategic growth initiative is to increase its Smelter and captive power plant capacity through brownfield and green field expansion.
- 1.10 More details on NALCO can be viewed on company's website www.nalcoindia.com.

2.0 INVITATION OF EXPRESSION OF INTEREST (EOI) :

- 2.1 The existing Smelter capacity is being increased by 5.0 Lakh MT along with downstream facilities. Aluminium smelting being a power intensive process and requires reliable & uninterrupted supply of qualitative bulk power. For supply of about 1100 MW power, a suitable size of coal based thermal power plant may be installed / supplied from its existing power plant or combination.
- 2.2 NALCO may provide coal and the party has to make its own arrangements to carry/ transport/ store/ handle the required quantity of coal as agreed by NALCO from Utkal D&E coal mines for uninterrupted power supply to Smelter Plant at Angul.
- 2.3 Interested companies are requested to submit their EOI proposal along with the requisite supporting documents within stipulated time. This invitation of EOI is to know the status of the response and not related to selection of the party in any way.

2.4 SCOPE OF WORK:

2.4.1 SALIENT FEATURES.

- The party may supply the required power from its existing power plant and /or set up a coal based thermal power plant. The proposed power plant is to be operated in Captive mode to supply about 1100 MW uninterrupted quality power to the Aluminium Smelter of NALCO situated at Angul.
- The EOI is sought from the parties who are having surplus power of 1100 MW Or the party own at least 600 Acres of land for the purpose of setting up a coal based thermal power plant of preferable capacity & unit size (Considering availability of reliable supply of about 1100 MW power and flexibility of operation, Unit size between 250 MW to 700 MW would be considered). The total Station capacity may be envisaged between 1200 MW to 1400 MW.

- Considering the impact of cost of power in Aluminium production, the thermal efficiency of the Units is a critical consideration. Depending on the feasibility, super-critical Units are preferred.
- NALCO may offer the required coal from its Coal mines and the party will be required to make arrangement for its transportation etc. from NALCO's coal mines to their power plant(s).
- The power supply to NALCO must be uninterrupted, of constant voltage etc. and the party shall make all suitable arrangement(s) to ensure the same.
- The power supply must be uninterrupted and in case of any failure, the party will have to compensate the losses (if any) and decision of NALCO will be final in this regard and binding on the party. Suitable clauses may be incorporated for it.
- NALCO will not give any fund/advance.
- NALCO will pay only for the charges for the electricity consumed and will not be responsible for any other cost, charges or legal compliances.
- *The power requirement is expected to start after 5 years from the date and will continue for 30 years period (subjected to extension if required).*

2.4.2 THE FOLLOWING ARE UNDER BIDDERS SCOPE:

- To supply 1100 MW uninterrupted power from its existing / proposed coal based thermal power plant for 30 years period from start of supply of power to Smelter Plant.
- The party should own or having controlling equity share in an operational coal based thermal power plant of minimum 500 MW capacity and willing to set up additional thermal power plant for the purpose on the existing land owned/ possessed by them within 100 km from Smelter Plant, Angul.
- Land: Approximate land requirement for the size of proposed thermal power plant is about 600 Acres.
- All applicable Govt. payments, permissions, compliances, arrangement & infrastructure for generation and transmission of power from Party's power plant to Smelter Plant of NALCO.
- Ash disposal, pollution control etc.
- Sourcing of water & effluent treatment
- Power connectivity for their Plant:
- Grid Connectivity- State Grid at Meramundali or any suitable place.
- Smelter Connectivity - At Smelter plant at new switch yard.
- Inter Connectivity with existing CPP - Preferably at Smelter Switch yard

Or

Construction, O&M of the direct transmission line from Party's thermal power plant to Smelter Plant of NALCO (if required).

- Any other requirement specific to power generation, transmission etc.

3.0 EXPECTED PROFILE OF THE PARTIES FOR THE PROPOSAL:

i) The party should own or having controlling equity share in an operational coal based thermal power plant and documentary proof of having surplus about 1100 MW (or more) power to be submitted.

OR

The party should own or having controlling equity share in an operational coal based thermal power plant of more than 500 MW (about) station capacity and

the party should be in possession of about 600 ac land (or more) within about 100 km road distance from main gate of NALCO's Smelter Plant, Angul for the purpose of setting up a coal based thermal power plant.]

ii) Average Annual turnover of the firm should be about Rs 3,000 crore (or more) during last three financial years (FY 20-21, 21-22 & 22-23).

(The Party is required to submit documentary evidence in support)

4.0 PREPARATION/ SUBMISSION OF EOI

Interested parties are requested to submit their EOI in a format as outlined below in order to achieve the objectives of maintaining uniform EOI structure for all:

CHAPTER-I: Covering letter for submission of the EOI proposal and details of their company, proposed consortium (if applicable) etc.

CHAPTER-II: Detailed proposal and modality for supply of 1100 MW power from pre-existing thermal plant and/or by setting up the coal based thermal plant for the required unit size or combination. Levelised power tariff for 30 years period.

CHAPTER-III:

- Detailed of the existing power plant and
- Detail of ownership of the land with all supporting documents & Maps for setting up the proposed coal based thermal plant.
- Copy of all the clearances & permissions for setting of the thermal power plant and related to the supply of 1100 MW power to NALCO.

CHAPTER-IV: The information regarding their profile as per para: 3.0 above is to be submitted as per Annexure - A and B along with annual reports and/ or audited accounts etc.

5.0 INSTRUCTION TO THE PARTY/ PARTIES

- 5.1 Party/Parties are expected to examine carefully the contents of all the documents provided. Failure to comply with the requirements of the 'Invitation of EOI' will be at the Party's own risk.
- 5.2 It would be deemed that prior to the submission of the EOI, the Party has:
 - i. Made a complete and careful examination of requirements and other information set forth in this 'Invitation of EOI' document.
 - ii. Received all such relevant information as it has requested from NALCO.
- 5.3 No EMD is required to be submitted by the Party.
- 5.4 NALCO shall not be liable for any mistake or error by the Party/Parties in respect of the above.
- 5.5 NALCO will not be responsible for any related loss to the parties due to delay/cancellation etc. of this EOI process.
- 5.6 The Party/Parties shall bear all costs associated with the preparation or delivery of its EOI.
- 5.7 The EOI and all correspondence incidental and related to the EOI shall be written in English language only. Any printed literature and document submitted in any other language shall be accompanied by authenticated English translation, in which case, for the purpose of interpretation of the application, English translation shall govern. Responsibility for correctness in translation shall lie with the Party/Parties.
- 5.8 The Party/Parties shall use all the documents, drawings and designs and other data and information of a proprietary nature received from NALCO (if any), solely for the purpose of performing and carrying out the financial appraisal and shall not disclose the same to any other person except to the extent required, in the performance of the work for the assignment and shall maintain the utmost secrecy. The Party/Parties shall ensure the same with their employees also, who are involved in the assignment project so that, the documents drawings and other data and information received from NALCO shall not be used for any other purpose. Provided, however, this clause shall not apply to any information which is required to be disclosed pursuant to any court order or directions of the regulatory, Government or other authority having jurisdiction over the Party/Parties.

The Party/Parties will not disclose any information received by them in connection with the subject Assignment to any other party without prior written approval of NALCO.
- 5.9 NALCO reserves its right to call for original of the supporting documents for verification if so deemed fit and also cross-check for any details as furnished by the Party/Parties from their previous clients etc. The Party/Parties shall have no objection whatsoever in this regard.

- 5.10 The Party/Parties shall submit an affidavit that there is no pending court cases or otherwise on them by the Govt. or Govt. Departments / Statutory authorities which might infringe upon their rights to participate in such empanelment with a CPSE.
- 5.11 The Party/Parties or its Proprietor/Partner(s)/Director(s) of the firm should not have been convicted by a court of Law for an offence involving moral turpitude in relation to business dealings during the past seven years from the date of this EOI notification. The Party/Parties shall give an undertaking to this effect.
- Besides, Party/Parties should furnish litigation history of their firm. The litigation history shall include:
- (i) Arbitration cases pending.
 - (ii) Disputed incomplete work /assignment.
 - (iii) Pending civil cases against the Party/Parties or its Proprietor/Partner(s) /Director(s) involving moral turpitude in relation to business dealings
 - (iv) Pending criminal cases against the Party/Parties or its Proprietor/Partner(s)/ Director(s) involving moral turpitude in relation to business dealings.
 - (v) Punishments awarded under civil cases or criminal cases involving moral turpitude in relation to business dealings.
- 5.12 It is expected that the Party/Parties shall observe the highest standard of ethics in pursuance to the policy of "Corrupt & Fraudulent practices", that is defined as follows:
- (a) Corrupt practice means the offering, receiving or soliciting of anything of value to influence the action of a public official in the contract execution.
 - (b) Fraudulent practice means a misrepresentation of facts in order to influence the execution of a contract to the detriment of NALCO, and includes collusive practices amongst the Party/Parties (prior to or after EOI submission) designed to establish process at artificial non-competition levels and to deprive NALCO of the benefits of free and open competition.
- 5.13 If it is determined that the Party/Parties is engaged in corrupt or fraudulent practices as defined above their EOI /proposal shall be cancelled.
- 5.14 The following documents for the last 3 financial years prior to the due date of submission of EOI shall be submitted by the Party/Parties along with the EOI. The EOI without accompanying these documents EOI may not be considered.
- i. Annual report or copy of audited annual accounts of last three years duly certified by Chartered Accountant.
 - ii. Income tax return copy for last three years.
 - iii. Solvency certificate from bank indicating credit limit enjoyed & financial soundness.

- iv. Net worth of the Party/Parties should be positive in the preceding financial year.
- 5.15 NALCO reserves the rights to make use of available in-house data for evaluation of the EOI that have been submitted against this request.
- 5.16 NALCO will examine the EOIs for its completeness, whether the documents have been signed, complete in all respect and the details furnished are generally in order.
- 5.17 Canvassing in any form by the agency or by any other agency on their behalf may lead to disqualification of their EOI.
- 5.18 The parties may note that mere submission of EOI shall not entitle automatic qualification of the Party/Parties for required purpose.
- 5.19 NALCO reserves the right to accept or reject any EOI and to annul the invitation of EOI process and reject all EOIs at any time without thereby incurring any liability to the affected Party/Parties(s) or any obligation to inform the affected Party/Parties(s) of the grounds for the NALCO's action.
- 5.20 NALCO reserves the right to invite fresh EOI with or without amendment of this Invitation of EOI at any stage without any liability or obligation for such invitation and without assigning any reason thereof and this Invitation of EOI is nothing to do with the selection of the party for the required power supply as that will be an independent action.
- 5.21 NALCO reserves the right to select the Party/Parties for any job. Mere submission of EOI after this notification does not confer any right to the Party/Parties to be included in the bidder list of any tender.
- 5.22 NALCO reserves the right to reject any EOI if:
 - i. At any point of time, a material misrepresentation is made or uncovered for a Party/Parties.
 - ii. The Party/Parties does not respond promptly and thoroughly to requests for supplemental information required for the evaluation of the application
- 5.23 Any Party/Parties requiring any clarification on the terms and conditions for this EOI request document may notify NALCO in writing or e-mail. The Party/Parties must send their queries at least 7 days prior to the last date for submission of the EOI.
- 5.24 The Party/Parties are advised to furnish authorize e-mail id along with an alternative e-mail for all the communications. E-Mail only received from the authorized mail id shall be accepted.
- 5.25 All correspondence/enquiry should be submitted to the following in writing by post/ courier/ e-mail:

Dy. General Manager (BD)
National Aluminium Company Limited

Invitation of EOI for 1100 MW Power Supply to NALCO's Smelter Plant, Angul

Nalco Bhavan, P/1, Nayapalli
Bhubaneswar - 751013,
Odisha, India.
Email: shyam.niranjan@nalcoindia.co.in

5.26 **Last date for submission of the EOI is 12/10/2023.** The EOI proposals complete in all respect should be submitted in hard copy within the due date to the above address.

Annexure-A

DETAIL OF THERMAL POWER PLANT OWNED / LAND OWNERSHIP

Sl. No.	Full Postal Address & Details of Thermal Power Plant : [Name, Phone No., email of Contact person with Designation]	Description of the thermal plant, unit size, heat rate etc.	Estimated Project Cost in Rs	Date of Completion/ Commissioning	Remarks

Invitation of EOI for 1100 MW Power Supply to NALCO's Smelter Plant, Angul

Sl. No.	Full Postal Address & Details of Land owned by the Party : [Name, Phone., email of Contact person with Designation, Address of the land and distance from the NALCO Smelter main Gate]	Description of the land & size etc.	Estimated Cost in Rs	Date of acquisition/ Agency from whom acquired	Remarks

Note: Documentary evidence/ proof of above information must be enclosed and ROR of the Land must be submitted.

Signature of Party/Parties with seal & date

Annexure-B

DETAIL FOR FINANCIAL

Year	Annual Turnover (in Rs)	Net Worth (in Rs)	Remarks

Note: Documentary evidence/ proof of above information must be enclosed in shape of copy of annual report/ certificate by Chartered Accountant/ Auditors.

**Signature of Party/Parties with
seal & date**