



**REQUEST FOR EXPRESSION OF INTEREST
FROM DOMESTIC BIDDERS FOR
SUPPLY OF EQUIPMENT FOR
STREAM 5 OF ALUMINA REFINERY OF NALCO
AT DAMANJODI**

thyssenkrupp
Industrial Solutions (India)

NATIONAL ALUMINIUM COMPANY LIMITED - BHUBANESWAR

M/s National Aluminium Company Limited (NALCO) - is setting up a '1.0 MTPA Alumina Refinery' at Damanjodi, Odisha and related port facilities at Visakhapatnam, Andhra Pradesh. tkIS India, Mumbai, is their EPCM Consultant for this Project. The technology for the Alumina refinery expansion is being provided by M/s. Rio-Tinto Alcan Limited (RTA).

NALCO invites Expression of Interest from interested domestic bidders for supply of various equipment for this Project. The details of these equipment is mentioned in the enclosed Appendix.

Bidders who have supplied any of the above mentioned equipment to an Alumina Refinery in the last seven years and such equipment has been in operation for at least one year from the date of commissioning of the equipment are requested to e-mail their "Expression of Interest" along with the following documents:

- (a) Technical details of the equipment supplied, the name of the customer, the year of supply and the year of commissioning of the equipment
- (b) Documents evidencing supply of such equipment (such as Purchase Order / LOI/ FOA/ Work Order etc. issued by the Purchaser / End Owner or Purchaser's Consultant)
- (c) Copy of Inspection Release Order issued by the Purchaser/Consultant/Third Party Inspection Agency evidencing clearance of the equipment for shipment
- (d) Copy of Certificate or Letter or Email or similar such document issued by the Purchaser / End Owner / Consultant evidencing that the equipment has been in satisfactory operation for a period of at least one year from the date of its supply.
- (e) The Bidders' company profile.

The EOI should be submitted **ONLY** in the following format **(MANDATORY REQUIREMENT)**:

Technical Details of Equipment Supplied	Name of Client / Owner	Location of Alumina Refinery to which equipment was supplied	Year of Supply	List of Documents evidencing (a) supply of equipment, (b) inspection clearance of goods for shipment and (c) proof of satisfactory of equipment for one year

Bidders to note the following points also:

1. In view of the project schedule, Owner / Consultant reserve the right not to seek any clarification on the documents submitted and to evaluate the documents received with the EOI on "As Received Basis". Hence, bidders shall, in their own interest,



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furnish complete documentary evidence in the first instance itself along with their EOI.

2. The EOI shall be signed by senior authorized personnel of the bidding entity (e.g.: Proprietor, Partner, General Manager, Director etc.)
3. Submission of authentic documents is the responsibility of the Bidder.
4. Owner / Consultant reserve the right accept or reject any EOI, without assigning any reason, and without assuming any liability or obligation.

Interested bidders may forward their EOI with all documents to tkIS India at the e-mail id : tkISIndia.nalcof@thyssenkrupp.com, latest by 10/09/2020.

No request for extension of EOI submission date shall be entertained.

Enclosed: Appendix to Request for EOI - List of Equipment



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Appendix to Request for EOI

List OF Equipment

Sr. No.	Item
1.	Vertical Pressure Leaf Filter / Polishing Filter for Aluminate Liquor
2.	Agitators (Process areas: Digestion, Seed Filtration, Precipitation & Classification)
3.	Red Mud Disposal Pumps
4.	Auto-Rodding Device
5.	Nucleonic Density Meter (Radioactive type)
6.	Rake Mechanism for High Rate Decanter & Deep Cone Washer (HRD & DCW) of RTA Technology.
7.	Rake Drives and Lifting Device for High Rate Decanter & Deep Cone Washer (HRD & DCW) for Red mud slurry.
8.	Mud Level Sensor and Clarity Probe for HRD & DCW
9.	Fluidized Scale Baskets for Deep Cone Washers for RTA Design
10.	External Seeding (Seed Grinder)
11.	Caustic Concentration Analyser (Density Analyser)
12.	Vacuum Disc Filter for Coarse and fine Seed slurry
13.	Welded Plate Heat Exchangers for Precipitated Hydrate Slurry
14.	Angle Valves / Angle Bayonet Valves for Hydrate Slurry, Red mud Slurry and Aluminate Liquor.
15.	Pressure Relief Valves (Safety Valves) for Medium Pressure Digestion Unit.