NATIONAL ALUMINIUM COMPANY LIMITED (NALCO)

(A NAVRATNA CPSE)

CORPORATE OFFICE : MARKETING DEPARTMENT,
NALCO BHAWAN, P-1, NAYAPALLI,
BHUBANESWAR,
ODISHA -751013, INDIA

INVITES

OPEN SALE TENDER NO. - NALCO/DM/METAL/SALE/2026/01 DATED 07.10.2026

FOR

DOMESTIC SALE OF 30 MT +/- 5% ROLLED PRODUCTS ON EX-WORKS (ANGUL, ODISHA) BASIS THROUGH NALCO E-TENDERING SYSTEM.

TENDER CLOSING DATE & TIME – 23.10.2026 AT 17:00 HOURS (IST)

TENDER OPENING DATE & TIME – 23.10.2026 AT 17:15 HOURS (IST)

THE COPY OF THE TENDER DOCUMENT CAN BE DOWNLOADED FROM OUR WEBSITE WWW.NALCOINDIA.CO.IN, CORRIGENDUM, IF ANY, SHALL ONLY BE AVAILABLE ON ABOVE WEBSITE.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

Notice Inviting Tender

1. **Invitation of Bids :** National Aluminium Company Limited (NALCO), Corporate Office, Bhubaneswar invites bids from prospective bidders through NALCO e-Tendering System (NETS) for sale of Aluminium Rolled Products of NALCO Brand. Prospective bidders may download the tender document from our NETS portal and can also obtain a copy of the same from NALCO's Corporate Office during office hours on any working day till one day prior to the closing of this tender. Bidder(s) must go through the complete tender document for details before submission of their bids. Any query/ clarification regarding registration on NETS portal and/or tender document and/or submission of bids on the NETS portal may be addressed to the Help Desk before the due date of closing of the tender mentioned in the tender document.

2. **Definitions :**
   In this NIT unless contrary intention appears:

   a) **"The Seller"** means National Aluminium Company Limited (NALCO).
   b) **"The Buyer"** means the person(s), firm or Company buying the goods from the Seller.
   c) **"Dollars"** and **"Cents"** means respectively Dollars and Cents in lawful money of the United States of America.
   d) **"MT"** means Metric Ton, a unit of measurement for weight equivalent to 1,000 kilograms.
   e) **"IACS"** means International Annealed Copper Standard.
   f) **"Quotational Period"** or **"QP"** means the period covered under the contract, which is used for calculating the average London Metal Exchange (LME) Cash Settlement Price for Aluminium.
   g) **"MM"** means Millimeter, a unit of measurement for length.
   h) **"Day"** shall mean a calender day.
   i) **"LME"** shall mean London Metal Exchange.
   j) **"Parties"** collectively mean both buyer and seller.
   k) **"Successful Bidder"** means after opening of tender, NALCO will decide the highest bidder based on the evaluation of the price bids and subsequent issuance of Letter of Award. The decision of NALCO shall be final and binding on all the bidders.
   l) **"Letter of Award"** means Award/Allocation of quantity to successful bidder by NALCO after evaluation of all received bids.
   m) **"Sale Order"** means Despatch Instruction issued by NALCO after receipt of firm financial arrangement from buyer by way of advance payment only.
   n) **"Working Day"** shall mean day excluding Saturday, Sunday and Public holiday at NALCO, Corporate Office.

3. **Commodity Details :** Aluminium Rolled Products by NALCO as per below specifications.:-
   The product specifications of Rolled Products have been enclosed at **Annexure - 3**. Please note that the Aluminium Rolled Products shall be supplied to the successful bidder(s) as per the above-mentioned specifications only.

4. **Total Quantity: 30** MT +/- 5% for Aluminium Rolled Products. The said tolerance will be applicable on the total quantity offered for sale / tendered.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

List of Rolled Products: The following products are being offered for sale:

Small Coils	**Qty (MT)**	Alloy	Temper	Coil ID (mm)	Thickness (mm)	Width (mm)
RC101420500610	2.0	AA1050	H14	200	0.50	610
RC111420450610	1.5	AA1100	H14	200	0.45	610
RC311420451220	0.6	AA3105	H14	200	0.45	1220
RC801420300915	7.2	AA8011	H14	200	0.30	915
RC801420301220	2.5	AA8011	H14	200	0.30	1220
RC801420500610	0.6	AA8011	H14	200	0.50	610
RC801420500915	12.0	AA8011	H14	200	0.50	915
RC801420501220	3.6	AA8011	H14	200	0.50	1220
Total	**(30)**					

The weight of individual coil is below 0.5 MT.

Single premium in US$ is to be quoted for all the above products. Successful bidder has to lift all the above products and partial/selective lifting is not permitted.

5. **Point of Sale/Dispatch:** The Aluminium Rolled Products offered for sale under this tender shall be available at NALCO's Smelter Plant at Angul (Odisha) i.e. on Ex-Works (Angul, Odisha) basis only. The successful bidder(s) has to arrange for transportation and insurance for lifting the quantity awarded in this tender from the point of sale to their premises at their own risk and expenses. NALCO will not be responsible for any arrangement of transportation and insurance and any claims in this regard.

6. **Tender Fee :** Nil i.e there is no tender fee.

7. **Earnest Money Deposit (EMD) Cum Security Deposit :**
   - **a)** Bidder(s) must deposit an interest free EMD of Rs. 3,00,000/- in order to participate in the tender. Bids without EMD are liable to be rejected.
   - **b) Mode of Payment of EMD**
     e-Payment through NEFT/RTGS. The payment through e-mode may be made to the below mentioned bank account: -
     Account No.:10044880024
     IFSC Code: SBIN0009817
     Beneficiary: National Aluminium Company Limited.
     Bank & Branch: State Bank of India, Nalco Corporate Branch, Bhubaneswar.
   - **c)** EMD shall be accepted only in the form of e-payment. Any other mode of payment shall not be accepted under any circumstances. Bidder must fill in and submit EMD transaction details like UTR No., date of remittance, amount remitted and simultaneously upload digitally signed proof of EMD details in legible pdf format on the NETS portal prior to price bid submission.
   - **d)** All Central Govt. /State Govt. /PSUs are exempted from depositing EMD. Bidders registered as Micro and Small Enterprises (MSEs) with a valid Udyam Registration or NSIC certificate shall be exempted from payment of Earnest Money Deposit (EMD). This exemption shall apply only when aluminium or products derived from Aluminium is

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

mentioned in the bidder's registration certificate. To avail this benefit, bidders must upload a copy of their valid Udyam Registration or NSIC certificate while submitting EMD details on NETS portal.

e) EMD shall be refunded to all unsuccessful bidders by NALCO after intimation of the unsuccessfulness of their bid within a period of 15 working days from the date of opening of tender through e-Payment mode only. For facilitating EMD refunds, bidders shall be required to fill up and submit Bank Mandate to NALCO given at **Annexure – 1**. Accordingly, refunds shall be processed as per their banking details.

f) EMD of the successful bidder(s) will be converted into irrevocable and interest free Security Deposit under this tender to counter fluctuations in LME prices and currency exchange rates and shall only be refunded upon successful completion of entire obligations of the buyer(s) under the tender i.e lifting of the entire quantity awarded in the tender and after due reconciliation of accounts between NALCO and buyer(s).

g) EMD Cum Security Deposit will also not carry any interest.

8. **Forfeiture of EMD Cum Security Deposit:** NALCO reserves the right to forfeit the EMD and Security Deposit amount (as the case may be) in the following events:

a) If bidder withdraws his bid after submission of bid or backs out after acceptance of the tendered bid.

b) If bidder revises any of the terms quoted during the validity period.

c) If bidder violates any of the conditions of the tender specification.

d) If the declaration/documents/any of the information furnished by the bidder with the offer being found to be bogus or the documents contain false particulars.

e) If successful bidder(s) fails to make firm financial arrangement towards their full quantity awarded in the tender within the stipulated timeline mentioned in the tender.

f) If the successful bidder(s) fails to lift the quantity awarded in the tender within the stipulated timeline mentioned in the tender.

g) If the successful bidder(s) fails to execute the order placed on them to the satisfaction of NALCO.

h) If the entire sale amount covered by the Sale Order is not remitted by successful bidder(s) within the stipulated timeline mentioned in the tender.

i) If the successful bidder(s) fails to remit any other due payment to NALCO after reconciliation of accounts with NALCO.

9. **Registration of bidders and Enrolment of DSC on NETS :**

a) The registration of prospective bidders on NETS portal is completely free of cost.

b) Bidder(s) intending to participate in the tendering process by submitting bids shall be required to register on NALCO E- Tendering System.

c) The registration process includes online filling the registration form on NETS portal which inter-alia involves submitting the following information.

S. No.	Information Required for Registration	
1.	Bidder must have a valid GST Registration, in which business activities must mention	Fill GST No. and upload a scanned copy of GST certificate in legible pdf format.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

	manufacturing/dealing in Aluminium/Non-ferrous metals.	
2.	Bidder must have a valid PAN (Proprietor's/Partners'/ Company's PAN card.)	Fill PAN No. and upload a scanned copy of PAN card in legible pdf format.
3.	Fill TAN No. issued by Income Tax Department (no copy to be upload)	

d) Bidders gets successfully registered on NETS portal upon verification of credentials provided by the bidder in the registration form by NALCO.

e) Thereupon, an email link is sent to the registered bidder on their registered email ID for DSC registration as bidders need to get their valid Class 3 Digital Signature Certificate (DSC - obtained from either of the certifying authorities, as enlisted by Controller of Certifying Authorities (CCA) at http://cca.gov.in) enrolled in the NALCO E-Tendering System (www.nalcoindia.co.in) for submitting their bid in the tender.

f) Registered bidders receive their Used ID through which they can login, set password and participate in the tender on NETS.

g) Existing customers of NALCO are also required to get themselves register on the NETS portal, if they wish to participate in the tender.

h) Bidders shall settle clarifications and disputes, if any, regarding the NETS portal not later than one day prior to due date of closing of tender.

10. **Eligibility & Qualification Criteria from Bidder For Participation in the Tender:**
This Tender Process is open to all bidders who register in the NETS portal. The prospective bidders who are successfully registered on NETS portal must meet the following 'Eligibility' and 'Qualification' criteria in order to submit their price bids in the tender

S. No.	Eligibility & Qualification Criteria	
1.	Deposit of EMD Amount	Providing e-Payment details (UTR No., Date of payment and Amount) along with uploading digitally signed proof of the same in legible pdf format on NETS portal. In case of EMD exemption for MSEs, bidders to declare its MSE Status and upload their valid Udyam Registration or NSIC certificate digitally signed in legible pdf format on NETS portal for claiming EMD exemption.
2.	Bidders must provide unequivocal acceptance and affirmation to the following declarations on the NETS portal :- **a)** That I / we have gone through and read carefully all the terms and conditions mentioned in the tender document and submit my unequivocal acceptance for the same. **b)** That I/We do affirm to abide by all the terms and conditions and relevant guidelines mentioned in the NALCO (Tender Document) vide Ref. NIT No.: NAL/DM/METAL/SALE/2026/01 Dated 07.10.2026 **c)** That, I / We have not been blacklisted / debarred / Suspended/ demoted	

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

	in any department of Government of India or in any State of India due to any reasons, prohibiting to continue in the contracting business. **d)** That I / we hereby understand that any wrong or misleading self-declaration would lead to violation of the terms of this tender and attract penalties as mentioned in this Tender Document. **e)** That I / we will abide by any penal action such as disqualification or black listing or termination of contract or any other action deemed fit, taken by NALCO against us, if it is found that the statements, documents, declarations, information provide by us are false / fabricated. **f)** That I / we have not suppressed any fact in the Tender which could debar me/us to participate into the Tender. If it is revealed after opening of the Tender that any fact is suppressed by me/us, NALCO shall have the right to reject my tendered bid along with other punitive action against me as per terms and conditions of the tender. **g)** That I/We shall accept any decision taken by the NALCO at any point of time and any corrigendum issued on any Terms, conditions and relevant guidelines. **h)** That I/We have submitted bid in this tender without any condition or deviation. **i)** That I/We are not related to any other company as a parent company, a subsidiary, or a sister company which is also participating in this tender. **j)** That I/We declare that in case of forfeiture of my EMD Cum Security Deposit (as the case may be depending on stage of the tender), I/We will remit GST for the EMD Cum Security Deposit already paid. **k)** That I am duly authorized by my firm/company to submit bid in this tender and shall produce such authorization on first demand.

Please note that prospective bidder(s) complying with the above laid down eligibility and qualifications criteria become eligible bidder(s) to further participate in the tender and submit price bid.

11. **Tender Schedule :** The time schedule for closing and opening of tender is as below:

- Tender Closing Date & Time – **23.10.2026 at 1700 Hours (IST).**
- Tender Opening Date & Time – **23.10.2026 at 17:15 Hours (IST).**
- Bid Validity Date & Time – **28.10.2026 at 17.00 Hours (IST).**

Therefore, the last date and time for submission of bids by eligible bidders is on or before 1700 Hours (IST) of 23.10.2026. Bidders will not be able to submit their bid thereafter.

NALCO reserves the right to extend the due date and time for this tender.

No press advertisement shall be issued for the Updation/ Corrigendum/ Addendum. Prospective Bidders are advised to regularly visit NALCO website www.nalcoindia.co.in for updates regarding this Tender.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

12. **Signing of Tender Documents:**
    - **a)** Any information/declaration/document submitted online on NETS portal shall be digitally signed by the authorized signatory of the bidding party.
    - **b)** Bidders to upload EMD details which is digitally signed by authorized signatory of the bidding party in legible pdf format
    - **c)** The price bid is to be digitally signed. In case the bidder wishes to revise the price already submitted in the bid, then, new price bid submitted during bidding process, shall also be digitally signed.
    - **d)** Person signing the bid must ensure before digitally signing that he has a proper Power of Attorney/Authorization Letter in his favors stating that he had authority to bind all other persons in all matters pertaining to the Tender. The Power of Attorney/Authorization Letter should be signed by all partners in case of partnership concern and in case of firms it should be under the common seal of the company.

13. **Bid Language:** All documents to be uploaded by the Bidder shall be in English language only. In case the Bidder intends to upload a document, which is not in English but in any of the other scheduled language in the country, the Bidder shall also submit a Notarized version of the English Translation.

14. **Quotational Period:**
    07 (Seven) Calendar days commencing from the day following the end date of submission of Bid(s) as per NIT. In case of bid improvisation, the QP will be 07 (Seven) Calendar days commencing from the day following the end date of submission of improvised Bid(s).

15. **Price:** Eligible Bidders are requested to submit their price bid by quoting only Premium on LME in US dollar (USD).

    Further, please note that the framework for the sale price of Aluminium Rolled Products in this tender will be based on the formula given below:-

    Sale Price of Aluminium Rolled Product PMT = { (LME + Premium) x Exchange rate x Multiplying Factor + Upcharge on Rolled Product + Taxes & Duty }

    The terms of the formula are defined as under: -

1) LME	The applicable LME would be Average Cash Settlement price of LME published on LME website/Reuters during the Quotational Period
(2) Premium in (USD)	As per price bid of H1 bidder. Premium will be fixed throughout the execution of contract.
(3) Exchange Rate	The applicable Exchange rate would be RBI averaged over Quotational Period.
(4) Multiplying Factor	1.0825 (would be applicable as per prevalent duty structure)

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

(5) Upcharge on Rolled Products	• Rolled Products (Small/Big Coils & Sheets) – Rs 22700 PMT The above shall be applicable as per prevalent price on the date of despatch/lifting.
(5) Taxes & Duties	As applicable (GST +TDS).

Sample Price calculations are enclosed at **Annexure – 2**

16. **Bid Submission:**

a) Bidders to submit their bids through NALCO e-tendering system (NETS) URL using the user ID sent to them through email.

b) To submit bids, bidders will receive an e-mail from NALCO indicating the user ID and a link to create their own password. Bidders are required to create their own password by clicking the link.

c) Bidders may log in with their user ID and password created by them to enter the bidding page to participate in the tender.

d) Stage 1 – Technical Bid

- Bidders are required to submit details of EMD deposited by them (UTR No., Date of payment and Amount) along with uploading digitally signed proof of the same in legible pdf format. In case of EMD exemption for MSEs, bidders to declare its MSE Status and upload their valid Udyam Registration or NSIC certificate digitally signed in legible pdf format on NETS portal for claiming EMD exemption.
- Bidders must provide unequivocal acceptance and affirmation to the declarations mentioned therein as per Eligibility and Qualification Criteria given in this tender

e) Stage 2 – Price Bid

- Bidders who have successfully completed Stage 1- Technical bid are moved to Stage 2- Price bid on the NETS portal.
- Bidders are required to submit their price bid by quoting only Premium on LME in USD which gets encrypted by the system.
- Further, Bidders can log in again in case they wish to revise their bids. In any case, the last bid submitted by them within the closing time of the tender will be their valid bid.

f) Bids received through e-mail or fax or sealed envelope shall not be considered & will be summarily rejected.

g) In case of MSEs claiming EMD exemption, it is the responsibility of the bidder to submit valid Udyam Registration or NSIC certificate mentioning aluminium or products derived from Aluminium failing which bids are liable to be rejected.

h) The bids submitted by related companies are liable to be rejected i.e. A single bid should be submitted by either of one entity, which can be a parent company, a subsidiary, or a sister company, but not two or more of them together.

i) Bidder must comply with the conditions of the NETS portal, including registration, compatible Digital Signature Certificate (DSC) etc.

j) The price at which the supplies of Aluminium Rolled Product shall be made in this tender would be governed as per Clause No. 15

k) Outstation bidder may acquaint themselves with local obligation of taxes etc. from the local authorities before they participate in the tender.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

l) The bid of highest bidder (H-1) shall be considered and negotiation, if required, may be held with the H-1 bidder only for price improvement. Sometimes there could be tie in the highest (H1) price bid received. In such instances, bid improvisation request shall be sent to all the joint H1 bidders through NETS to improvise their bid.

m) Submission of bid by the bidders against this tender shall be considered deemed acceptance of the NETS portal, tender procedures and terms & conditions of the tender document.

17. **Bid Opening :**

a) Bids received shall be opened online at the specified date and time notified in the tender schedule. If the office is closed on the specified date of opening of the bids, the opening shall be done on the next working day at the same time.

b) Information submitted by bidders in Stage -1 will be checked and verified by NALCO officials.

c) Stage -2 - price bids of only those bidders will be opened whose EMD have been received by NALCO or are otherwise exempted from depositing EMD amount as per provisions of this tender.

18. **Evaluation of Bids :**

a) All the documents/declarations/information submitted by the bidders along with Price bids will be opened and downloaded on tender opening time and date and scrutinized by the NALCO officials.

b) Bids complying the tender terms and conditions and complete in all respects shall only be considered as responsive bids.

c) The Ranking of the responsive bids shall be done on the basis of price bids i.e. premium quoted on LME in USD in descending order.

d) NALCO reserves the right to cancel the tender in any condition whatsoever.

e) Bids once made by a Bidder, cannot be cancelled/ withdrawn by the Bidder and the Bidder shall be bound by the bid quoted, failing which EMD Cum Security Deposit will be forfeited along with all other punitive actions as deemed fit by NALCO and /or as per provision of this tender shall be initiated against the bidder.

19. **Validity of Bids :**

a) The bid should be kept valid for three working days from the date and time of closing of tender i.e. Bids must remain valid till 1700 Hours (IST) of 28.10.2026.

b) No Bidder will be allowed to withdraw the offer within the validity period specified.

c) In case the day upto which the bids are to remain valid falls on/ subsequently declared a holiday or closed day for NALCO's Corporate Office, the bid validity shall automatically be deemed to be extended to the same time on the next working day.

d) Further, the bidder shall agree to extend the validity of the bids without altering the substance and prices of their bid for further periods, if any, required by NALCO.

e) The bidder cannot quote his own validity period and if done so, the bid will not be considered and will be liable for rejection.

f) Working days means working days of NALCO Corporate Office, Bhubaneswar.

20. **Letter of Award / Sales Confirmation :**

a) The successful bidder will be declared by NALCO within three working days from the closure of tender through issue of Letter of Award over e-mail to the successful bidder(s).

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

b) However, QP begins from the day following the end date of submission of bids as per NIT and ends with the 07th Calendar day (including 7th day)

c) Further, the normal period for the remittance of sale amount would be Five working days of NALCO Corporate Office from the date of issuance of Letter of Award by NALCO.

d) On receipt of full payment and ending of QP, the sale order / dispatch instruction will be issued. Any mode of payment other than e-Payment through NEFT/RTGS shall not be accepted under any circumstances.

e) The Letter of Award will be issued only to the successful bidder(s) who has submitted the digitally signed bid. No change in name and address or transfer of Letter of Award/Sale Confirmation will be permitted.

21. **Payment Terms:** The mode of payment of sale amount shall be through advance payment in e-mode within five working days from the date of issuance of NALCO's Letter of Award. Buyer shall intimate NALCO via email regarding details of payment made such as amount, UTR No., date etc. Once the entire sale amount has been deposited by the buyer, any request or claim to refund the amount in whole shall not be entertained by NALCO under any circumstances except any part left over after despatches of the ordered quantity.

22. **Issue of Sale Order & Conditions for lifting the material:**

a) The Sale Order shall be issued at the end of QP on receipt of full sale amount from the successful bidder(s) for clearance of the sold materials from the stipulated point of sale. The Purchased material should be lifted completely within 10 Calendar days from the date of issue of Letter of Award by the successful bidder from the point of Sale/despatch. In case the day upto which lifting is to be completed falls on/ subsequently declared a holiday or closed day for dispatches at NALCO's Smelter Plant (Angul), the lifting schedule shall automatically be deemed to be extended to the same time on the next working day of NALCO.

b) If the successful bidder fails to lift the purchased materials within the above time limit either partly or fully, then NALCO reserves the right to liquidate the remaining quantity by offering the same to other buyers at the risk and cost of the successful bidder.

c) However, in exceptional cases where the successful bidder is unable to lift material due to reasons beyond their control, time extension may be granted for lifting the material at the sole discretion of NALCO.

d) A shipping tolerance of upto +/-5% shall be permissible from the sale order quantity. Credit balance available with NALCO after completion of lifting shall be refunded without interest to the successful buyer within 30 days or reconciliation of accounts whichever is earlier. Buyer is required to submit completely filled-in Bank Mandate form enabling NALCO for effect refund payment. (**Annexure – 1**)

e) The release of the materials will be done only to the nominated transporter of the successful bidder.

f) The materials shall be weighed in the weighing machine/weigh bridge available at NALCO's point of sale and shall be final and binding upon buyer with standard tolerance limit as provided in the Indian Standards and this shall constitute the basis for all invoicing. All bundles of materials carry individual tags/identification issued by NALCO, which specify the quantity and grade of material. Also test certificates wherever applicable specifying the chemical composition and physical properties of the material shall be issued at the time of dispatch/lifting.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

23. **Delivery of Material :**

a) The Sale Order shall be issued by NALCO at the end of QP immediately upon receipt of full sale amount from the buyer.

g) The H1 Bidder shall take delivery of materials within the lifting schedule specified in the tender i.e. within 10 Calendar days from the date of issue of Letter of Award. In case the day upto which lifting is to be completed falls on/ subsequently declared a holiday or closed day for dispatches at NALCO's Smelter Plant (Angul), the lifting schedule shall automatically be deemed to be extended to the same time on the next working day of NALCO.

b) The buyer may request for delivery of goods to their nominated consignee, but the invoice can only be raised in the name of the buyer. However, buyer is free to lift material for their various units having same name with distinct legal entity but located at different locations.

c) The buyer needs to nominate a transporter along with the payment details who shall take delivery of material from NALCO on their behalf.

d) The buyer has to ensure consistent lifting of quantity through placement of trucks during the delivery period to avoid last minute hassles.

e) NALCO will not be responsible for any non-placement of trucks by buyer's nominated transporter or failure in lifting of material. It is responsibility of the Bidder to place trucks at Smelter Plant for lifting of material and NALCO cannot be made liable for whatsoever reasons for any non-placement of trucks by the bidder.

f) The Premium on LME in USD quoted by the highest bidder will remain firm throughout the contract.

g) Material lifting shall be as per the guidelines of NALCO only. Buyer shall have no rights to choose/ pick the material out of stock available and has to lift from the offered quantity in the tender.

h) Transit insurance for the goods despatched from the point of sale is to be arranged by the Buyer. Buyer shall be liable for any loss in transit for which insurance is to be arranged by the Buyer.

i) Any time or date mentioned by NALCO for delivery is given and intended only as an estimate. The Seller shall not be liable to make good any damage whether arising directly or indirectly because of delay in delivery, nor shall any delay / cancellation in delivery, entitle the buyer to refuse to accept any material.

j) Goods that are returned to the Seller within 30 days from the date of dispatch from the Seller's factory and are accepted by the Seller as defective will be either replaced as originally ordered or full credit shall be allowed for such portion, but shall not form the subject of any claim on account of work done upon the goods, transport costs, loss of profit or any other claim suffered through resale or any other loss, damage or expense whatsoever. No claim for replacement of material on the grounds of quality will be entertained unless made within 14 (fourteen) days of receipt of such material. It may be noted that where replacement is made the same shall be done on the prevailing rates of prices statutory duties and differential, if any, and shall be to the Buyer's account.

k) If after goods are ready for delivery or dispatch, the Buyers do not take delivery within the stipulated time, the cost of shortage, demurrage and insurance pending dispatch or delivery shall be to the Buyer's account.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

24. **GST & Other Taxes & Levies:**
    - **a)** GST: Shall be charged at the rate as prevailing on the date of dispatch/lifting. Any variation in the rate due to Governmental action shall be to the Buyer's account.
    - **b)** Other taxes and levies: As imposed by Central or Local Government or any other public authority, shall be to the Buyer's account.
    - **c)** Buyer to deduct TDS as per provisions of the Income Tax Act and deposit the same in respect of NALCO with the Government.

25. **GST E-way Bill:** The Government of India has notified E-waybill system for interstate/intrastate movement of goods. Hence, it is informed that e-way bill will be/needs to be generated as per prevalent provisions of GST.

26. **Timeline of important activities :**

Activity	Timeline
a) Validity of Bids	Three (03) working days from the date and time of closing of tender
b) Issuance of Letter of Award	Within three (03) working days from the date and time of closing of tender
c) Remittance of full sale amount by the buyer	Five (05) working days from the date of issuance of Letter of Award
d) Lifting of material	Within Ten (10) calendar days from the date of issuance of Letter of Award. In case the day upto which lifting is to be completed falls on/ subsequently declared a holiday or closed day for dispatches at NALCO's Smelter Plant (Angul), the lifting schedule shall automatically be deemed to be extended to the same time on the next working day of NALCO.

Working days means working days of NALCO Corporate Office, Bhubaneswar.

27. **Other Terms & Conditions :**
    - **a)** In case of any dispute regarding the contract, the decision of NALCO shall be final and binding.
    - **b)** If there is any dispute with regard to the highest bid, the dispute shall be determined by NALCO and their decision shall be final and binding to all.
    - **c)** The bidders should furnish their full and clear postal address and e-mail address during the registration process and all their subsequent correspondences. If the Letter of Award or Sale Order or any other correspondences are not received by the buyer due to invalid address, NALCO will not be held responsible for it and it will be assumed that the bidder has backed out and is not interested in the purchase of the tendered items and accordingly would be dealt as per the provisions contained in this tender document.
    - **d)** No other terms and conditions beyond the terms and conditions as stipulated in this tender notice will be entertained.
    - **e)** Conditional offers will be deemed to be invalid and will be summarily rejected.
    - **f)** No plea citing misunderstanding or ignorance of conditions put forth subsequent to issuance of Letter of Award shall be accepted.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

g) The successful bidder / buyer shall not sublet, transfer or assign the contract or any part thereof to any third party, without the previous written approval of NALCO.

h) Saturdays, Sundays and closed holidays of NALCO's Corporate Office shall not be considered as working days.

i) If by law any Licence shall be required to enable the Buyer to acquire or the Seller to sell to the Buyer, the goods, such Licence shall be obtained by the Buyer. In the event that Seller shall receive directions by a Government Department as to the disposal of the Seller's output of goods of the type or kind or category of goods within the order, and in the opinion of the Seller such direction shall prevent or hinder the fulfillment by the Seller of the order, the Seller may by notice to the Buyer cancel the order in whole or in part. This is without prejudice to the Seller's right to recover money owing to him in respect of deliveries made prior to the date of such cancellation.

j) The Buyer shall not be entitled to change or modify the instructions contained in the order without the Seller's written consent.

k) In case buyer under this tender also happens to be NALCO's MoU customer then it is explicitly stated here that the quantity of metal lifted under this tender by the buyer is purely independent and in no manner whatsoever be clubbed with the lifting under active MoU by the buyer.

28. **Documents Constituting Contract :**
The Invitation of bids, the terms and conditions of tender, bid of the successful bidder(s), Letter of Award issued by NALCO and Sale Order issued by NALCO along with any amendment issued prior to signing of contract shall constitute the Contract between NALCO and the successful bidder(s).

29. **Inspection :** Testing and inspection when mutually agreed between Seller and Buyer or his Agent shall be at the Seller's works and Seller's decision shall be final. No guarantee, express or implied is given that the materials supplied is suitable for use under any specified conditions or for any specific purposes although such conditions or such purpose may be known to the Seller nor is any guarantee given as to the life or wear of the materials. All material will conform to the Seller's standard manufacturing tolerances.

30. **Default Clause :**
In case the selected successful bidder (s) fails to deposit the full sale payment within five working days from the date of issue of Letter of Award of Tender and/or fails to lift the contracted quantity (wholly or partly) within 10 Calendar days from the date of issue of Letter of Award or within the period for which extension has been granted by NALCO, NALCO will be free to rescind the contract and take the following actions:-

a) NALCO, without any further notice, shall have the liberty to resale whole/remaining contracted quantity to the other buyers and /or in the open market at the sole risk and cost of the bidder.

b) Blacklisting the bidder.

c) EMD Cum Security Deposit of the bidder shall be forfeited.

d) The defaulter may be debarred from participating in any NALCO's tender for a period of 3 months.

e) Any other actions as deemed fit by NALCO management shall be taken.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

31. **Right to Accept/Reject :**
    a) NALCO reserves the right to accept/reject any or all bids including the highest bid wholly or partially or counter the bid(s) without assigning any reason thereof.
    b) NALCO also has the right to cancel the tender at any stage/ at any point of time without assigning any reason thereof.
    c) NALCO reserves the right to abandon the sale of goods in the tender and or issue another tender for identical or similar goods.
    d) NALCO reserves the right to accept the highest eligible bid price.
    e) NALCO reserves the right to reduce the quantities to be sold, if necessary, during the pendency of the tender.
    f) NALCO reserves the right to reject conditional offers.

32. **Amendment to Tender Document :**
    Before the closing time of the tender, the bid Inviting officer may modify any of the contents of the tender notice, tender documents by issuing amendment /Addendum/corrigendum. Any addendum/ amendments/ corrigendum issued by the tender inviting officer shall be part of the tender document and it shall be published in the NETS portal. However, NALCO shall bear no responsibility or liability arising out of non-receipt of the same in time or otherwise. Bidders are requested to visit the website frequently to check whether there are any related updations on the tender or not.

33. **Termination of Contract :** NALCO upon written notice of default to the buyer shall terminate the contract under the following circumstances:
    a) If in the judgment of NALCO, the buyer fails to complete the lifting of material within the time specified for the same in the contract or within the period for which extension has been granted by NALCO to the buyer.
    b) If in the judgment of NALCO, the buyer fails to comply with any other provision of this NIT.

34. **Termination/Suspension/Modification of Order :**
    No termination, suspension or modification of this contract can be accepted by NALCO unless special circumstances exist where NALCO agrees in writing to do so and on the express conditions that full payment will be made by the buyer for all work done or expenses incurred by NALCO prior to the NALCO's acceptance of termination or suspension. The NALCO's decision as to such charges shall be final and binding on the Buyer.

35. **Cancellation of Contract :**
    If the successful bidder fails to fulfill their contractual obligations for reasons other than Force Majeure, NALCO shall be entitled at their option to cancel the contract and recover the damages besides forfeiture of EMD Cum Security Deposit and initiation of actions as per provisions of Default Clause No. 30 mentioned in the tender. NALCO shall not be liable to any risks and costs, whatsoever, consequent upon such cancellation of the contract.

36. **Disclaimer :**

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

The issue of this tender document does not in any way commit or otherwise obliges NALCO to proceed with all or any part of tendering process. The tender is not the subject of any process contract or any contractual obligations between NALCO and prospective bidders. NALCO is not liable for any costs of compensation in relation to expenditure incurred by the prospective buyer to this tender on whatsoever reasons/grounds whether or not NALCO may, at its absolute discretion, elect to abandon any part or whole of the tendering process without giving prior notice to the prospective bidders.

37. **Disqualified/Debarred/Suspended/Blacklisted Criteria :**

A bidder shall be liable to be disqualified/debarred/suspended/blacklisted, if they:

a) Furnish false/ fabricated particulars in the forms, statements and declarations submitted either during registration process or while participation in the tender.

b) Do not respond to NALCO's Letter of Award after emerging H1 in the Tender.

c) Have record of poor progress such as abandoning the contract, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.

d) Even while execution of the contract, if found that the contract was awarded to the bidder based on false/ fake credentials, the bidder will be blacklisted and necessary action will be taken as per rules.

e) Any definite attempt of profiteering by any bidder will render himself liable to be debarred permanently from bidding or for such period as the bid accepting authority may decide.

f) If bidder withdraws his bid after submission of bid or backs out after acceptance of the tendered bid.

g) If bidder revises any of the terms quoted during the validity period.

38. **Delivery & Force Majeure :**

Orders are accepted and executed subject to "Force Majeure" circumstances including acts of god, in the event of stoppage of work in any establishment of the NALCO during the delivery period owing to war, riots, strikes, lock-outs, trade disputes, break-downs, accidents, fire, tempest, Government orders or restrictions imposed by Government of India/State Government, Governmental Decree, shortage of raw materials, non-availability of space for placement of trucks and/or causes beyond the control of the NALCO. In the event of any stoppage of railways or other carriers used by NALCO, deliveries may be postponed or partially or wholly cancelled by NALCO. NALCO will not be liable for any damages or compensation on this account or disruptions. This is without prejudice to the NALCO's right to recover money due to NALCO in respect of deliveries made prior to the commencement of such contingencies, under this contract.

NALCO will ensure delivery of metal as per agreed Delivery schedule subject to Force Majeure conditions. In case NALCO is not able to Deliver the quantities for genuine reasons, it will approach the Buyer to reschedule the unexecuted quantities.

In the event of non-agreement, the Buyer will have right to cancel any unexecuted quantities of the scheduled delivery without any financial implication to NALCO. It is expressly understood that default will be restricted to the defaulted quantities only and it will not make entire contract un-enforceable. The Buyer will have to lift quantities in respect of which no default is committed.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

39. **Arbitration :**
In case of any dispute or differences that may arise from time to time between the parties out of or relating to the construction, meaning, operation, effect, or performance of this contract or breach thereof shall be settled amicably between the two contracting parties. If the dispute cannot be resolved mutually between NALCO & Buyer, it shall be referred to a Sole Arbitrator to be appointed by CMD of NALCO. The CMD, NALCO shall communicate, cause to be communicated, a panel of three names of persons to BUYER in this regard within thirty days of notice for Arbitration, for BUYER to select any one of them to be appointed as the Arbitrator. In case BUYER does not communicate its selection as above within thirty days, CMD, NALCO will appoint any one of them as a Sole Arbitrator. The Arbitrator shall give a reasoned and speaking award. The award of the Arbitrator shall be binding on both the parties. The venue of arbitration shall be at Bhubaneswar. In case of any vacancy, another Arbitrator will be appointed in the same manner as above. The provisions of the Indian Arbitration Act and the Rules made thereunder shall apply to the proceedings.

40. **Indemnification :**
That bidder(s) agreed in all times hereinafter, indemnify and keep NALCO and/or its employees fully indemnified and hold harmless from and against any and all actions, claims, demands, proceedings, losses, damages, costs, charges, fines, penalties and liabilities of whatsoever nature caused to NALCO arising out of the actions of the bidder.

41. **Severability :**
The invalidity or unenforceability of any one or more phrases, sentences, clauses or sections in the documents constituting the contract will not affect the validity or enforceability of the remaining portions or any part of the documents constituting the contract.

42. **Jurisdiction :**
All suits and proceedings relating to any disputes or any claims arising out of or in the course of performance of the contract shall be subject to the exclusive jurisdiction of Courts of Bhubaneswar, Odisha only.

43. **Helpdesk :**
Helpdesk service will be available for attending to complaints/problems faced by bidders in bidding process. Any Bidder may contact NALCO Corporate office Ph. No. 0674-2301988 to 2301999 & Email ID: ishan.kumar@nalcoindia.co.in or deepak.pal@nalcoindia.co.in for resolution of any operational/technical issues in bidding process or for any clarification regarding the tender document. However, it should be ensured by the bidders that their request should be received in writing by NALCO well in advance i.e at least one day prior to tender closing date, enabling NALCO to resolve their problem before tender closing date. Any complaint/problem reported after closing of tender shall not be entertained by NALCO.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

Annexure – 1

BANK MANDATE FORM for E-Payment

(To be submitted in Duplicate)

To

National Aluminium Company Limited,

Dear Sir,

Sub: Authorization for release of payment due from NALCO through e-mode. facilities of RBI (EFT / RTGS / NEFT) / Internet Banking.

Refer Order No……..dt……and/or Tender/Enquiry/Letter No……..dt……..

(Please fill in the information in CAPITAL LETTERS. Please TICK wherever it is applicable)

1. Name of the Party : .....

2. Address of the party : .....

.....

.....

City : .....

Pin Code: .....

E-mail Id: .....

Permanent Account Number: .....

3. Particulars of Bank:

Bank Name Branch Name: .....

Branch Place Branch City: .....

Pin Code: ..... Branch Code: .....

MICR No: .....

Account Type : Savings ☐ Current ☐ Cash Credit ☐

Account No. (as appearing in the Cheque Book) .....

(9 Digits code number appearing on the MICR Band of the cheque supplied by the Bank. Please attach Xerox copy of a cheque of your bank for ensuring accuracy of the Bank Name, Branch Name & Code and Account Number)

RTGS / IFSC Code: .....

NEFT / IFSC Code: .....

4. Date from which the mandate should be effective: .....

I hereby declare that the particulars given above are correct and complete. If any transaction is delayed or not effected for reasons of incomplete or incorrect information, I shall not hold National Aluminium Company Limited responsible. I also undertake to advise any change in the particulars of my account to facilitate updation of records for purpose of credit of amount through RBI EFT / Internet / RTGS/ NEFT.

Place: .....

Date:.....

Signature of the party/Authorized Signatory

Certified that particulars furnished above are correct as per our records.

Bank's Stamp:

Date:

(Signature of the Authorized Official from the Banks)

N.B. : RTGS/ NEFT charges if any, is to be borne by the party.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

Annexure – 2

Sample Calculations for Rolled Products as per Clause 15

Let say,

QP = 01.11.2025 To 07.11.2025

Date	LME Cash Settlement in US$	FBIL Exchange rate(1 US$ = INR ₹)
01-Nov-25	LME Closed	Closed
02-Nov-25	LME Closed	Closed
03-Nov-25	$2,903.00	₹88.7932
04-Nov-25	$2,853.00	₹88.6372
05-Nov-25	$2,838.50	Closed
06-Nov-25	$2,861.50	₹88.6026
07-Nov-25	$2,841.00	₹88.7050
Average	**$2,859.40**	**₹88.6845**

Avg. LME Cash Settlement for QP = $2,859.40

Avg. Exchange Rate for QP = ₹88.6845

Premium quoted by H1 Bidder in US$ = $100

Multiplying Factor = 1.0825

Upcharge of Rolled Product = (Rolled Products (Small/Big Coils) – Rs 22700 PMT

GST = 18%

Formula: -

Sale Price of Aluminium Rolled Product **PMT = {(LME + Premium) x Exchange rate x Multiplying Factor + Upcharge on** Rolled Product **+ Taxes & Duty}**

Sale Price of Aluminium Rolled Products PMT = {[($2859.40 + $100) x ₹88.6845 x 1.0825 + ₹22700] + 18%}

= {[2959.40 x ₹88.6845 x 1.0825 + ₹22700] + 18%}

= 306805 + 55225

= ₹362030/-

PLEASE NOTE THAT THE CALCULATIONS ABOVE IS ONLY FOR ILLUSTRATION PURPOSE.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

Annexure – 3

STANDARD COIL		
ALLOY & PRODUCT CODE	AA1050 – RC10 AA1100 – RC11 AA3105 – RC31 AA8011 – RC80	
THICKNESS	0.3mm to 3.00mm	
WIDTH	500mm to 1600mm for AA 1xxx, 3xxx & 8xxx alloys 500mm to 1100 mm for AA 5xxx alloys	
TEMPER	O, H12, H14, H16, H18, H22, H24, H26, H28	
TOLERANCES	Thickness	0.3mm to 1mm : +/- 5% Above 1mm : +/- 3%
	Width	+/- 1mm
COIL OUTSIDE DIAMETER (OD)	1600mm Max.	
COIL INSIDE DIAMETER (ID)	200mm, 300mm, 400mm, 500mm Coil on Core subject to enquiry	
COIL WEIGHT	8MT Max.	
CUT EDGES	Smooth and tear free edges	
BUILD UP	Straight	

Packing: Sea worthy strong packing suitable for forklift handling

Alloys of other Grades and closer tolerances are subject to enquiry

Refer Table-1 for Mechanical properties against Temper designation, and
Table-2 for Chemical Composition of Alloys

TABLE - 1:

ALLOY	TEMPER	UTS (Mpa)	% ELONGATION (MIN) ON 50 mm GAUGE LENGTH			
			0.12- 0.32mm	0.33-0.63mm	0.64-1.20mm	1.21-3.00mm
AA1050	O	55 – 95	15	18	23	25
	H12	75–110	-	6	7	12
	H14	85-120	1	2	6	10
	H16	95-130	1	2	4	5
	H18	110 min	1	2	3	4
AA1100	O	75-105	15	17	22	30
	H12	95-130	-	3	5	8
	H14	110-145	1	2	3	5
	H16	130-165	1	2	3	4
	H18	150 min	1	1	2	4
AA8011	O	85-120	14	20	22	25
	H12	105-140	3	4	6	9
	H14	125-160	1	2	3	5
	H16	150-180	1	2	3	4
	H18	175 min	1	1	2	4
AA3105	O	95-145	-	16	19	20
	H12	130-180	-	1	2	3
	H14	150-200	-	1	2	2
	H16	170-220	-	1	1	2
	H18	190 min	-	1	1	2

NOTE : For H22 , H24 , H26,H28 temper , UTS will be same as UTS of H 12, H14,H16 & H18 temper but % Elongation shall be slightly higher than the values indicated against H1x tempers.

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521

TABLE – 2:

SL NO	ALLOY	SPECIFICATIONS											
		% Si	% Fe	% Cu	% Mn	% Mg	% Cr	% Zn	% Ti	% V	% Other Impurities Each	% Other Impurities Total	% Aluminum
1	AA1050	0.25 max	0.40 max	0.05 max	0.05 max	0.05 max	-	0.05 max	0.03 max	0.05 max	0.03 max	-	99.50 min
2	AA1100	0.95 (Si + Fe) max		0.05 to 0.20	0.05 max	-	-	0.10 max	-	-	0.05 max	0.15 max	99.00 min
3	AA3105	0.60 max	0.70 max	0.30max	0.30 to 0.80	0.20 to 0.80	0.20 max	0.40 max	0.10 max	-	0.05 max	0.15 max	-
4	AA8011	0.50 to 0.90	0.60 to 1.00	0.10 max	0.20 max	0.05 max	0.05 max	0.10 max	0.08 max	-	0.05 max	0.15 max	-

***

NATIONAL ALUMINIUM COMPANY LIMITED,
(A Government of India Enterprise)
REGD. OFFICE: P/1. NALCO BHAWAN, NAYAPALLI, BHUBANESWAR 751 013, ODISHA, INDIA.
TEL: + 91 674 2301 988 – 989. FAX: + 91 674 2300 580, 2300 521