



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2024/B/4461911 Dated/दिनांक : 10-01-2024

# Bid Document/ बिड दस्तावेज़

| Bid Details/बिड विवरण                                                                                                  |                                                                                                                                                                                                                                                                                                         |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Bid End Date/Time/बिड बंद होने की तारीख/समय                                                                            | 01-02-2024 12:00:00                                                                                                                                                                                                                                                                                     |  |  |  |
| Bid Opening Date/Time/बिंड खुलने की<br>तारीख/समय                                                                       | 01-02-2024 12:30:00                                                                                                                                                                                                                                                                                     |  |  |  |
| Bid Offer Validity (From End Date)/बिड पेशकश<br>वैधता (बंद होने की तारीख से)                                           | 90 (Days)                                                                                                                                                                                                                                                                                               |  |  |  |
| Ministry/State Name/मंत्रालय/राज्य का नाम                                                                              | Ministry Of Mines                                                                                                                                                                                                                                                                                       |  |  |  |
| Department Name/विभाग का नाम                                                                                           | Materials                                                                                                                                                                                                                                                                                               |  |  |  |
| Organisation Name/संगठन का नाम                                                                                         | National Aluminium Company Limited, Bhubaneswar                                                                                                                                                                                                                                                         |  |  |  |
| Office Name/कार्यालय का नाम                                                                                            | Alumina Refinery Nalco Damanjodi                                                                                                                                                                                                                                                                        |  |  |  |
| Total Quantity/कुल मात्र                                                                                               | 150000                                                                                                                                                                                                                                                                                                  |  |  |  |
| Item Category/मद केटेगरी                                                                                               | MORTAR SP 1.1. 1_81601137380_ 1_1000065909 (Q3),<br>HIGH ALUMINA CASTABLE_81601191430_ 2_1000065909<br>(Q3), DENSE REFRACTORY CASTABLE_81602007280_ 4_<br>1000065909 (Q3)                                                                                                                               |  |  |  |
| Years of Past Experience Required for<br>same/similar service/उन्हीं/समान सेवाओं के लिए<br>अपेक्षित विगत अनुभव के वर्ष | 3 Year (s)                                                                                                                                                                                                                                                                                              |  |  |  |
| MSE Exemption for Years of Experience and<br>Turnover/ अनुभव के वर्षों से एमएसई छूट                                    | No                                                                                                                                                                                                                                                                                                      |  |  |  |
| Startup Exemption for Years of Experience<br>and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट                            | No                                                                                                                                                                                                                                                                                                      |  |  |  |
| Document required from seller/विक्रेता से मांगे<br>गए दस्तावेज़                                                        | Experience Criteria, Certificate (Requested in ATC), Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |  |  |  |
| Bid to RA enabled/बिंड से रिवर्स नीलामी सक्रिय किया                                                                    | Yes                                                                                                                                                                                                                                                                                                     |  |  |  |
| RA Qualification Rule                                                                                                  | H1-Highest Priced Bid Elimination                                                                                                                                                                                                                                                                       |  |  |  |
| Type of Bid/बिंड का प्रकार                                                                                             | Two Packet Bid                                                                                                                                                                                                                                                                                          |  |  |  |
| Primary product category                                                                                               | MORTAR SP 1.1. 1_ 81601137380_ 1_ 1000065909                                                                                                                                                                                                                                                            |  |  |  |

| Bid D                                                                                                                                  | Details/बिङ विवरण           |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Time allowed for Technical Clarifications<br>during technical evaluation/तकनीकी मूल्यांकन के<br>दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय | 3 Days                      |
| Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)                                            | No                          |
| Evaluation Method/म्र्ल्यांकन पद्धति                                                                                                   | Total value wise evaluation |
| EMD Detail/ईएमडी विवरण                                                                                                                 |                             |
| Required/आवश्यकता                                                                                                                      | No                          |
| ePBG Detail/ईपीबीजी विवरण<br>Required/आवश्यकता                                                                                         | No                          |
| Splitting/विभाजन                                                                                                                       |                             |
| Bid splitting not applied/बोली विभाजन लागू नहीं किया ग                                                                                 | ाया.                        |
| MII Purchase Preference/एमआईआई खरीद वरीयता                                                                                             |                             |
| MII Purchase Preference/एमआईआई खरीद वरीयता                                                                                             | Yes                         |
| MSE Purchase Preference/एमएसई खरीद वरीयता                                                                                              |                             |
| MSE Purchase Preference/एमएसई खरीद वरीयता                                                                                              | Yes                         |
|                                                                                                                                        | <u>'</u>                    |

- 1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
- 2. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers

as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

- 3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

  OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
- 4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:
  - i. If number of technically qualified bidders are only 2 or 3.
  - ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
  - iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
  - iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
  - v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

## MORTAR SP 1.1. 1\_81601137380\_ 1\_1000065909 ( 10000 kilogram )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

| Buyer Specification                | Download |
|------------------------------------|----------|
| Document/क्रेता विशिष्टि दस्तावेज़ | <u> </u> |

#### Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

| S.No./क्र.<br>सं. | Consignee<br>Reporting/Officer/<br>परेषिती/रिपोर्टिंग<br>अधिकारी | Address/पता                                 | Quantity/मात्रा | Delivery Days/डिलीवरी के<br>दिन |
|-------------------|------------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------|
| 1                 | Arbind Kumar Singh                                               | 763008,Alumina Refinery<br>Nalco, Damanjodi | 10000           | 60                              |

HIGH ALUMINA CASTABLE 81601191430 2 1000065909 (60000 kilogram )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

| Buyer Specification<br>Document/क्रेता विशिष्टि दस्तावेज़ | <u>Download</u> |
|-----------------------------------------------------------|-----------------|
|-----------------------------------------------------------|-----------------|

#### Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

| S.No./क्र.<br>सं. | Consignee<br>Reporting/Officer/<br>परेषिती/रिपोर्टिंग<br>अधिकारी | Address/पता                                 | Quantity/मात्रा | Delivery Days/डिलीवरी के<br>दिन |
|-------------------|------------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------|
| 1                 | Arbind Kumar Singh                                               | 763008,Alumina Refinery<br>Nalco, Damanjodi | 60000           | 365                             |

## DENSE REFRACTORY CASTABLE\_ 81602007280\_ 4\_ 1000065909 ( 80000 kilogram )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

| Buyer Specification<br>Document/क्रेता विशिष्टि दस्तावेज़ | <u>Download</u> |
|-----------------------------------------------------------|-----------------|
|-----------------------------------------------------------|-----------------|

#### Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

| S.No./क्र.<br>सं. | Consignee<br>Reporting/Officer/<br>परेषिती/रिपोर्टिंग<br>अधिकारी | Address/पता                                 | Quantity/मात्रा | Delivery Days/डिलीवरी के<br>दिन |
|-------------------|------------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------|
| 1                 | Arbind Kumar Singh                                               | 763008,Alumina Refinery<br>Nalco, Damanjodi | 80000           | 365                             |

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

#### 1. Scope of Supply

Scope of supply (Bid price to include all cost components): Only supply of Goods

#### 2. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

#### 3. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

#### 4. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

#### 5. Inspection

Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.

#### 6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- 1) Bidder shall submit point wise confirmation of specification as well as special conditions along with the offer.
- 2) Prices on gem are inclusive of all cost component i.e. GST, freight, P&F, insurance etc. Any other conditi on mentioned anywhere in the attachment shall be ignored. Note- **Prices to be offered as per the UOM given in the BOQ/tender documents.**
- 1 set price shall be the summation of all the items' prices multiplied by the respective quantities. **Bidder should mandatorily quote for all items.**
- 3) Vendor should submit bid only if tender additional terms & conditions and GEM general terms & conditions are acceptable. Any commercial term mentioned as an attachment shall be ignored.
- 4) TDS under section 194Q:
- a) Finance Act 2021 has brought amendments in existing TDS/TCS Sections and has introduced new Sections 194Q (Deduction of tax at Source on payment of certain sum for purchase of goods ) and 206AB (Special provision for deduction of tax at source for non-filers of income-tax return) among others. The above Sections would be effective from 01st July, 2021.

- b) NALCO, being Buyer (under Section 194Q inserted in the Income Tax Act, 1961 vide Finance Act 2021) having total sales, gross receipts, or turnover from business above Rupees Ten Crores during the last Financial Year, will deduct TDS under Section 194Q, w.e.f. 01.07.2021, at the prescribed rate of 0.1% on the purchase value of any goods, aggregate of which is exceeding the threshold limit of Rs.50 Lakhs in a Financial year.
- c) Accordingly, Vendors/Sellers are not to collect tax at source under section 206C(1H) of the Act w.e.f. 01.07.2021, in case provisions of section are applicable to them.
- d) The above is as per the current statute and is subject to modification(s) based on amendments/ notifications under Income Tax Act, 1961, from time to time. Income Tax TDS, as applicable at the prevailing rate on the gross amount billed shall be deducted from the contractor's bills.
- e) Vendor/Party categorised/designated as "specified person" under Section 206AB of Income Tax Act, 1 961 shall be liable for TDS at higher rate as provided under the said section, by NALCO. So, Vendors/C ontractors are advised to submit self-certified copies of Income Tax return (ITR) for each of the Two Pre vious Years for which due date for filing of ITR has expired, along with the Invoice/Bill so as to facilitate NALCO, verify the applicability of Section 206AB.
- 5) NALCO's Vision, Mission, Core Values, Social accountability policy, Environment policy, OHS policy & En ergy policy are given in the attached file for the knowledge of the suppliers for having a better understanding of NALCO company.
- 6) NALCO is a SA8000 certified company and all bidders interested to supply material to NALCO should be committed to social accountability. Hence, please submit the completely filled SA8000 questionnaire provi ded with the tender (without any alteration to the format) along with the offer. SA8000 certified companies can submit their certification. Non-compliance to the requirements of SA8000 may lead to rejection of the offer.
- 7) Payment term: 100% payment within 10 days of receipt and acceptance of goods at site.

Note: Payment of GST is subject to the reflection of invoice in GSTR-2A/Anx-2 (GST New Return) of NALCO.

- 8) In case of order placement, vendor shall comply to **EHS (Environment Health & Safety) GUIDELINE S TO SUPPLIERS** provided with the tender.
- 9) DELIVERY AND PRICE REDUCTION SCHEDULE / LIQUIDATED DAMAGES: Delivery period is the es sence of the contract and the materials should be despatched within this time, failing which, NALC O without prejudice to its rights under the contract shall have the option either to reduce the price @1/2% of order value per week or part thereof subject to a maximum of 5% of the undelivered portion/the order value (if the item(s) cannot be used unless full supply is made) or to cancel the O rder and purchase the materials from alternative source at the risk and cost of the supplier.
- 10) No communication shall be entertained out side GeM regarding the subject tender. Representation, if any, for clarification against this tender may be raised on GeM only.
- 11) Bidder must submit the attached declaration for Implementation of integrity for consideration of their offer for evaluation.
- 12) Bank Mandate form is attached in buyer added document. Bidder(s) 'not registered' with NAL CO needs to submit the 'Bank Mandate' form along with the offer.
- 13) Contact details for matters related to receipt of material, GRN and payment in case of order placemen t:

Receipt of material, GRN and CRAC-

Sri C.S. Nayak, DM(Materials),

Mobile- 9437160060

e.mail id: chandra.nayak@nalcoindia.co.in

For payment-

Sri Manoranjan Sahoo, DM(Finance)

Mobile no: 9437457403

e.mail id: manoranjan.sahoo@nalcoindia.co.in

14) Upper quantity tolerance not allowed.

- 15) Weighment shall be made at Nalco's weighbridge at Damanjodi. In case quantity received is within the weighment tolerance limit of +/-0.5%, challan will be accepted as receipt quantity.
- 16) Party has to submit security deposit (SD) for 5% of PO value towards successful execution of contract in the form of bank guarantee as per the attached format within 15 days of order placement. BG shall be returned after complete material supply and acceptance at NALCO's site. In case of non submission of security deposit, equivalent amount shall be withheld from the supply invoice for the said period.
- 17) The original Bank Guarantee towards SD is required to be sent directly by the Bank under Speed Post or Registered Post to the address:

DGM(Finance), Admin Building, Alumina Refinery, Nalco, Damanjodi, Dist-Koraput, Odisha-763008.

7. Buyer Added Bid Specific ATC

Buyer uploaded ATC document Click here to view the file.

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

- 1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
- 2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
- 3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
- 4. Creating BoQ bid for single item.
- 5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
- 6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
- 7. Floating / creation of work contracts as Custom Bids in Services.
- 8. Seeking sample with bid or approval of samples during bid evaluation process.
- 9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
- 10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
- 11. Creating bid for items from irrelevant categories.
- 12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
- 13. Reference of conditions published on any external site or reference to external documents/clauses.

14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

#### This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

# **Sub.- Technical Specification and Requirements**

### Item No. -1

### Material Code-81601137380

# Material specification:-

MORTAR, SP 1.1.1 (FOR BRICK WALL) FOR CALINERS MAINTENANCE.

Technical Specification: Refer Annexure - 1

#### Special conditions:-

- 1) The bidder must provide a supporting document stating that they have all necessary manufacturing facilities and required testing facilities mentioned in the item's specification for the refractory castables and mortars.
- 2) Bidder must submit a Quality Assurance Plan (QAP) for any refractory castable having Al2O3 content 40 % or more with the bid documents.
- 3) Material Inspection: Pre-dispatch inspection at manufacturer's site will be done as per the technical specification. The entire quantity needs to be submitted for inspection in a single lot along with internal test certificate for inspection. PDI Call to be given 15 days in advance to depute NALCO's representative.
- 4) Delivery: Materials need to be delivered in two phases as per Annexure 4
- 5) All the test certificates to be submitted along with the supply.
- 6) In case of order placement, the vendor has to submit a security deposit of 5% of Purchase Order towards successful execution of the contract.
- 7) Packing Instructions: Material should strictly be supplied in 25 Kg Bags kept in a JUMBO bag of 1 to 2 MT on wooden pallet.

# **Sub.- Technical Specification and Requirements**

### Item No. -2

#### Material Code- 81601191430

# **Material specification:-**

HIGH ALUMINA CASTABLE (90 % ALUMINA BASE LOW CEMENT CASTABLE FOR CALCINERS REPAIR AND MAINTENANCE.

Technical Specification: Refer Annexure - 2

#### Special conditions:-

- 1) The bidder must provide a supporting document stating that they have all necessary manufacturing facilities and required testing facilities mentioned in the item's specification for the refractory castables and mortars.
- 2) Bidder must submit a Quality Assurance Plan (QAP) for any refractory castable having Al2O3 content 40 % or more with the bid documents.
- 3) Material Inspection: Pre-dispatch inspection at manufacturer's site will be done as per the technical specification in two phases as per the delivery schedule. The entire quantity of each phase needs to be submitted for inspection in a single lot along with internal test certificate for inspection. PDI Call to be given 15 days in advance to depute NALCO's representative.
- 4) Delivery: Materials need to be delivered in two phases as per Annexure 4
- 5) All the test certificates to be submitted along with the supply.
- 6) In case of order placement, the vendor has to submit a security deposit of 5% of Purchase Order towards successful execution of the contract.
- 7) Packing Instructions: Material should strictly be supplied in 25 Kg Bags kept in a JUMBO bag of 1 to 2 MT on wooden pallet.

# **Sub.- Technical Specification and Requirements**

### Item No. -3

#### Material Code- 81602007280

# Material specification:-

DENSE REFRACTORY CASTABLE(SP-2.1) 50% ALUMINA BASE CONVENTIONAL CASTABLE FOR CALCINERS AND BOILERS REPAIRS AND MAINTENANCE.

Technical Specification: Refer Annexure - 3

#### Special conditions:-

- 1) The bidder must provide a supporting document stating that they have all necessary manufacturing facilities and required testing facilities mentioned in the item's specification for the refractory castables and mortars.
- 2) Bidder must submit a Quality Assurance Plan (QAP) for any refractory castable having Al2O3 content 40 % or more with the bid documents.
- 3) Material Inspection: Pre-dispatch inspection at manufacturer's site will be done as per the technical specification in two phases as per the delivery schedule. The entire quantity of each phase needs to be submitted for inspection in a single lot along with internal test certificate for inspection. PDI Call to be given 15 days in advance to depute NALCO's representative.
- 4) Delivery: Materials need to be delivered in two phases as per Annexure 4
- 5) All the test certificates to be submitted along with the supply.
- 6) In case of order placement, the vendor has to submit a security deposit of 5% of Purchase Order towards successful execution of the contract.
- 7) Packing Instructions: Material should strictly be supplied in 25 Kg Bags kept in a JUMBO bag of 1 to 2 MT on wooden pallet.

# TECHNICAL SPECIFICATION (SP 1.1.1) AIR SETTING MORTAR

| Material S                       | Specifications |                               |           |  |  |  |
|----------------------------------|----------------|-------------------------------|-----------|--|--|--|
| For Air S                        | Setting Mortar |                               |           |  |  |  |
| Old Spec. Number                 | SP 1.1.1       |                               |           |  |  |  |
| New Spec. Number                 |                | SP 1.1.1                      |           |  |  |  |
| Refractory Type / Name           |                | Setting Mortal<br>Alumina Bas |           |  |  |  |
| Nature of Bond                   | Che            | mical / Ceram                 | ic        |  |  |  |
| Installation                     | Trov           | velling / Dippin              | ıg        |  |  |  |
| Shelf Life (months)              | 12             |                               |           |  |  |  |
| CHEMICAL ANALYSIS                | Unit           | Limit                         | Typ. valu |  |  |  |
| Al <sub>2</sub> O <sub>3</sub>   | ( % ) Min      | 40                            | 42        |  |  |  |
| SiO <sub>2</sub>                 | ( % ) Max      | 55                            | 52        |  |  |  |
| Fe <sub>2</sub> O <sub>3</sub>   | ( % ) Max      | 1.7                           | 1.6       |  |  |  |
| PHYSICAL PROPERTIES              |                |                               |           |  |  |  |
| Maximum Service Temperature      | ° C            | 12                            | 200       |  |  |  |
| Maximum Grain Size               | mm             | C                             | ).5       |  |  |  |
| % Retained above Maximum Size    | %              | 5.0                           | 2.0       |  |  |  |
| Trowelling Consistency           | %              | 25 - 35                       | 28        |  |  |  |
| Bulk Density                     | ( gm/cc) Min   | 1.5 1.6                       |           |  |  |  |
| Pyrometric Cone Equivalent (PCE) | (°C/OC) Min    | 1337/12                       | 1349/13   |  |  |  |

Strictly to supply in 25 Kg Bags kept in a ZUMBO bag of 1 to 2 MT on wooden pallet.

Satyakam Nayak
Ceramic), Civil (Plant) 4 8 1 4 3 0 4 Dt:- 05.12.2023

NALCO
ALUMINA REFINERY

O1

CIVIL (CERAMIC)

# ANNEXURE - 2

# TECHNICAL SPECIFICATION HIGH ALUMINA CASTABLE FOR CALCINER

| Material Cod                         | e : 81601191430                             |                  |            |  |  |  |
|--------------------------------------|---------------------------------------------|------------------|------------|--|--|--|
| For High Alumia                      | Castable (90% Al <sub>2</sub>               | O <sub>3</sub> ) |            |  |  |  |
| Refractory Type / Name               | High Alumina Castable (LOW CEMENT CASTABLE) |                  |            |  |  |  |
| Grain Size                           | 0-6 mm                                      |                  |            |  |  |  |
| Maximum Service Temperature          | 1700°C                                      |                  |            |  |  |  |
| Initial Setting Time                 |                                             | 3 hrs            |            |  |  |  |
| Storage Life (Months)                |                                             | To Indicate      |            |  |  |  |
| Chemical Analysis                    | Unit                                        | Limit            | Typ. value |  |  |  |
| Al <sub>2</sub> O <sub>3</sub>       | ( % ) Min                                   | 90.0             | 91.0       |  |  |  |
| Fe <sub>2</sub> O <sub>3</sub>       | ( % ) Max                                   | 1.0              | 0.8        |  |  |  |
| Bulk Density                         | ( gm/cc) Min                                | 3.0              | 3.1        |  |  |  |
| Cold Crushing Strength               |                                             |                  |            |  |  |  |
| at 110°C/24h                         | (N/mm²) Min                                 | 95               | 96         |  |  |  |
| at 1100°C/3h                         | ] (1.0.1                                    | 110              | 120        |  |  |  |
| at 1550°C/3h                         |                                             | 110              | 130        |  |  |  |
| Reversible Thermal Expansion 1000°C  | % Max                                       | 0.8              | 0.7        |  |  |  |
| Modulus of Rupture                   |                                             |                  |            |  |  |  |
| at 110°C/24h                         | N/mm <sup>2</sup>                           | 18               | 20         |  |  |  |
| at 1550°C/3h                         |                                             | 22               | 25         |  |  |  |
| Permanent Linear Change at 1550°C/3h | %                                           | ± 1.0            | -0.8       |  |  |  |
| Please Indicate (%) Wa               | ater Addition for \                         | /ibrocast        | 71         |  |  |  |

Strictly to supply in 25 Kg Bags kept in a JUMBO bag of 1 to 2 MT on wooden pallet. ,

| नालको 🔊 NALCO    | Rev. | 9 9   | 4 8 1 4 | 3      | 0   | 4   | Dt:- 08.12.2023 |
|------------------|------|-------|---------|--------|-----|-----|-----------------|
|                  | 02   | NALCO |         |        |     |     |                 |
| ALUMINA REFINERY | 03   |       | C       | VIL (C | ERA | MIC | )               |

26/12 Nayak Satyakam Nayak DGM (Ceramic), Civil (Plant)

# ANNEXURE - 3

# TECHNICAL SPECIFICATION (SP 2.1) DENSE RECFRACTORY CASTABLE FOR CALCINER & BOILER

| Material Cod                         | e : 81601191430     |                                  |            |  |  |
|--------------------------------------|---------------------|----------------------------------|------------|--|--|
| For Dense Refractor                  | ry Castable (50%    | Al <sub>2</sub> O <sub>3</sub> ) |            |  |  |
| Old Spec. Number                     | SP 2.1              |                                  |            |  |  |
| New Spec. Number                     | SP 2.1              |                                  |            |  |  |
| Refractory Type / Name               |                     | Refractory Cast                  |            |  |  |
| Grain Size                           |                     | 0-6 mm                           |            |  |  |
| Maximum Service Temperature          |                     | 1480°C                           |            |  |  |
| Initial Setting Time                 |                     | 3 hrs.                           |            |  |  |
| Storage Life (Months)                | To Indicate         |                                  |            |  |  |
| Chemical Analysis                    | Unit                | Limit                            | Typ. value |  |  |
| Al <sub>2</sub> O <sub>3</sub>       | ( % ) Min           | 50.0                             | 52.0       |  |  |
| Fe <sub>2</sub> O <sub>3</sub>       | (%) Max             | 1.5                              | 1.0        |  |  |
| Bulk Density                         | ( gm/cc) Min        | 2.25                             | 2.30       |  |  |
| Cold Crushing Strength               |                     |                                  |            |  |  |
| at 110° C/24h                        | (N/mm²) Min         | 60                               | 62         |  |  |
| at 800° C/3h                         | (14/111111-) 101111 | 80                               | 81         |  |  |
| at 1450° C/3h                        |                     | 80                               | 85         |  |  |
| Thermal Conductivity at 1200°C       | W/mK                | 1.30 – 1.70                      | 1.50       |  |  |
| Modulus of Rupture at 110°C/24h      | N/mm²               | 12                               | 15         |  |  |
| Permanent Linear Change at 1450°C/3h | %                   | ± 1.0                            | -0.8       |  |  |

Strictly to supply in 25 Kg Bags kept in a JUMBO bag of 1 to 2 MT on wooden pallet.

| नालको 🔊 NALCO    | Rev. | 9 9   | 4814 | 3      | 0    | 4   | Dt:- 08.12.2023 |
|------------------|------|-------|------|--------|------|-----|-----------------|
|                  | 03   | NALCO |      |        |      |     |                 |
| ALUMINA REFINERY |      |       | CI   | VIL (C | CERA | MIC | )               |

Satyakam Nayak DGM (Ceramic), Civil (Plant)

### <u>ANNEXURE – 4</u>

## **DELIVERY SCHEDULE OF REFRACTORY CASTABLE**

Materials need to be delivered in two phases as follows.

| Sr.<br>No. | Material<br>Code | Descriptions                                | Qty.<br>(Lot 1)* | Qty.<br>(Lot 2)** |
|------------|------------------|---------------------------------------------|------------------|-------------------|
| 1          | 81601137380      | MORTAR, SP 1.1.1 (FOR BRICK WALL)-<br>CAL C | 10 MT            | -                 |
| 2          | 81601191430      | HIGH ALUMINA CASTABLE (90 % ALUMINA)        | 40 MT            | 20 MT             |
| 4          | 81602007280      | DENSE REFRACTORY CASTABLE(MARK 2.1) NRL*    | 50 MT            | 30 MT             |

- o \*Lot 1 to be supplied within two month from the date of Purchase Order.
- o \*\*Lot 2 to be supplied within the two month after getting clearance from site by Email.
- o Purchase Order validity is 1 year.

Satyakam Nayak
DGM (Ceramic), Civil (Plant)

# **CHECKLIST FOR TECHNICAL AND COMMERCIAL REQUIREMENTS**

| S.No. | Nalco's Requirement                                                                                                                                                                                                 | Bidder's Remarks                                                      |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1     | Item has been quoted as per material specification document without any deviation.                                                                                                                                  | Yes/No.                                                               |
| 2     | Duly signed and stamped 'Technical Specification' document along with the supporting documents has been submitted.                                                                                                  | Yes/No.                                                               |
| 3     | Prices are quoted on 'FOR Nalco Stores, Damanjodi' basis including all cost component viz. GST, P&F, freight, insurance etc.                                                                                        | Yes/No.                                                               |
| 4     | Offer shall be valid for 90 days from the date of opening of tender i.e. final tender opening date with extension time, if any                                                                                      | Agreed/Not agreed                                                     |
| 5     | Payment term: 100% payment shall be released within 10 days of receipt and acceptance of material at site. Note: Payment of GST is subject to the reflection of invoice in GSTR-2A/Anx-2 (GST New Return) of NALCO. | Agreed/Not agreed                                                     |
| 6     | Item(s) shall be procured as per the evaluation criteria mentioned in the tender. This condition will supersede any other related condition mentioned by the bidder in their offer.                                 | Agreed/Not agreed                                                     |
| 7     | Please confirm acceptance to the tender delivery period.                                                                                                                                                            | Accepted/Not Accepted                                                 |
| 8     | Please indicate the despatching station of the material.                                                                                                                                                            |                                                                       |
| 9     | Duly filled <b>Integrity Declaration</b> has been submitted with the offer                                                                                                                                          | Submitted/Not Submitted                                               |
| 10    | Duly filled SA 8000 questionnaire provided with the tender has been submitted                                                                                                                                       | Submitted/Dealer                                                      |
| 11    | Bank Mandate has been submitted with the offer                                                                                                                                                                      | Submitted/Registered vendor-no change in already updated bank details |
| 12    | Duly filled Local Content Declaration Certificate as per PPP_MII order has been submitted with the offer (format attached).                                                                                         | Submitted/Not Submitted                                               |

(Bidder's Signature with stamp)

# (Declaration by the bidder on their letter head)

| To,<br>GM(N                              | Naterials),                                                                                     |            |         |        |    |
|------------------------------------------|-------------------------------------------------------------------------------------------------|------------|---------|--------|----|
| M/s. National Aluminium Company Limited, |                                                                                                 |            |         |        |    |
|                                          | ery Unit, Damanjodi                                                                             |            |         |        |    |
| DistI                                    | Koraput, Odisha-763008                                                                          |            |         |        |    |
| Date-                                    |                                                                                                 |            |         |        |    |
| Dear S                                   | Sir,                                                                                            |            |         |        |    |
| We,                                      | M/s                                                                                             | having     | its (   | office | at |
|                                          | by confirm that the offered product has% of tion of local content in order No.P-45021/2/2017-PF |            | content | as per |    |
| by Go                                    |                                                                                                 | ,          |         |        |    |
| Follov                                   | ving is/are the location(s) at which local value addition                                       | n is made: |         |        |    |
|                                          |                                                                                                 |            |         |        |    |
| Yours                                    | sincerely,                                                                                      |            |         |        |    |
| Signat                                   | ture                                                                                            |            |         |        |    |
| Name                                     |                                                                                                 |            |         |        |    |
| _                                        | nation                                                                                          |            |         |        |    |
| Conta                                    | ict No.                                                                                         |            |         |        |    |

# BANK GUARANTEE FOR SECURITY DEPOSIT (To be executed on non-judicial stamped paper of appropriate value)

| B. G. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date: _                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| having its UNIT/Office at _ (UNIT/Office at _ (U |                                                                                                                                                                                                                                          | WORK IS EXECUTED) nant to the subject or context to exempt M/s. ler(s)"), which expression tentatives, successors and Order(s) No                                                                                                                         |
| hereby agree and undertake to pay the demur, merely on a demand from the final and binding, the amount claimed to or suffered by the Company by reterms and conditions contained in the Seller(s) failure to perform the said the amount covered under this guarant Company shall be conclusive as regarder.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bank having its branch office at                                                                                                                                                                                                         | s guarantee without any<br>n of the company which is<br>aused to or would be caused<br>actor(s)/seller(s) of any of the<br>sons of the said Contractor(s),<br>t liability obligations or that<br>nade on the Bank by the<br>the Bank under this guarantee |
| disputes raised by the contractor(s)/S<br>or tribunal relating thereto our liabil<br>The payment so made by us under the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | any any money so demanded notwith Seller(s) in any suit or proceeding perity under this present guarantee being his bond shall be valid discharge of or bendent or conditional on the Company                                            | nding before any office, court<br>g absolute and unequivocal.<br>ur liability for payment there                                                                                                                                                           |
| or winding up, dissolution or change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | nall not be determined or affected or see of constitution or insolvency of the reposes be binding and operative until Order(s) are fulfilled.                                                                                            | said Contractor(s)/Seller(s)                                                                                                                                                                                                                              |
| effect during the period that would be<br>that it shall continue to be enforceable<br>Contract(s)/Order(s) have been fully<br>Authorised officer of the company of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | that the guarantee herein contained be taken for the performance of the sable till all the dues of the company under paid and its claims satisfied or discherertifies that the terms and conditions and properly carried out by the said | and Contract(s)/ Order(s) and der or by virtue of the said larged or till a duly of the said                                                                                                                                                              |

| 6. WeBank further agree with the Compa without our consent and without affecting in any matterms and conditions of the said Contract(s)/Order(s) Contractor(s)/Seller(s) from time to time or to postpo powers exercisable by the Company against the said any of the terms and conditions relating to the said C from our liability by reason of any such variations, of (s)/Seller(s) or for any forbearance, act or omissions the Company to the said Contractor(s)/Seller(s) or by the law relating to sureties would, but for this provise | nner our obligations hereunder to vary any of the or to extend the time of performance by the said one for any time or from time to time any of the Contractor(s)/Seller(s) and to forbear or enforce Contract(s)/Order(s) and we shall not be relieved or extension being granted to the said Contractor is on the part of the Company or any indulgence by you any such matter or thing whatsoever which under |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7. Notwithstanding anything contained herein before Rs(RupeestillUnless a demand or claim under this from the date of expiry, we shall be discharged from                                                                                                                                                                                                                                                                                                                                                                                       | only) and shall remain in force Solution Guarantee is made on us within three months                                                                                                                                                                                                                                                                                                                             |
| 8. We Bank, lastly undertake not to re with the previous consent of the Company in writing renewed from time to time at the request of Contract                                                                                                                                                                                                                                                                                                                                                                                                 | y. We further undertake to keep this Guarantee                                                                                                                                                                                                                                                                                                                                                                   |
| 9. We Bank further agree that this Guat(Bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | uarantee shall be invocable at our place of business                                                                                                                                                                                                                                                                                                                                                             |
| name) Branch), Bhubaneswar, Odisha 751 and IFSC of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Bank                                                                                                                                                                                                                                                                                                                                                                                                             |
| Corporate Seal of the Bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | By its constitutional Attorney                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Signature of duly Authorised person On behalf of the Bank With seal & signature code                                                                                                                                                                                                                                                                                                                             |
| Detail of Persons Issuing the BG: Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Address for Correspondence:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Telephone & Fax No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| E-mail:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |

Note: BGs to be furnished from any of the approved banks of NALCO as listed afterwards.

#### LIST OF STANDARDISED BANKS

### SCHEDULED PUBLIC SECTOR BANKS (INDIAN)

- 1. Allahabad Bank,
- 2. Andhra Bank.
- 3. Bank of Baroda.
- 4. Bank of India,
- 5. Bank of Maharashtra.
- 6. Canara Bank,
- 7. Central Bank of India,
- 8. Corporation Bank,
- 9. Dena Bank,
- 10. IDBI Bank
- 11. Indian Bank,
- 12. Oriental Bank of Commerce,
- 13. Punjab and Sind Bank
- 14. Punjab National Bank,
- 15. State Bank of India
- 16. Syndicate Bank
- 17. UCO Bank
- 18. Union Bank of India
- 19. Vijaya Bank.

(Nineteen banks)

### SCHEDULED PRIVATE SECTOR BANKS (INDIAN)

- 1. HDFC Bank Ltd
- 2. ICICI Bank Ltd
- 3. Axis Bank Ltd.
- 4. Kotak Mahindra Bank Ltd
- 5. YES Bank
- 6. IndusInd Bank Ltd.
- 7. The Federal Bank Ltd.
- 8. The Jammu & Kashmir Bank Ltd.
- 9. The South Indian Bank Ltd.
- 10. The Karur Vysya Bank Ltd.
- 11. The Karnataka Bank Ltd.
- 12. IDFC Bank
- 13. RBL Bank.
- 14. The Lakshmi Vilas Bank Ltd
- 15. Tamilnad Mercantile Bank Ltd
- 16. City Union Bank Ltd.

(Sixteen Banks)

#### **List of FOREIGN BANKS**

- 1. Abu Dhabi Commercial Bank Ltd.
- 2. Australia & New Zealand Banking Group Limited
- 3. Bank of America NA
- 4. Bank of Bahrain and Kuwait B.S.C.
- 5. Bank of Ceylon
- 6. Barclays Bank PLC
- 7. BNP Paribas
- 8. Citibank N.A.
- 9. Commonwealth Bank of Australia
- 10. Credit Agricole Corporate & Investment Bank
- 11. Credit Suisse AG
- 12. DBS Bank Ltd.
- 13. Deutsche Bank AG
- 14. Doha Bank
- 15. FirstRand Bank Ltd
- 16. Industrial Bank of Korea
- 17. Industrial & Commercial Bank of China Limited
- 18. JP Morgan Chase Bank
- 19. KEB Hana Bank
- 20. Krung Thai Bank Public Company Ltd.
- 21. Mashreqbank PSC
- 22. Mizuho Bank Ltd.
- 23. National Australia Bank Ltd.
- 24. Sberbank
- 25. Shinhan Bank
- 26. Societe Generale
- 27. Sonali Bank Ltd.
- 28. Standard Chartered Bank
- 29. Sumitomo Mitsui Banking Corporation
- 30. The Bank of Nova Scotia
- 31. The Bank of Tokyo-Mitsubishi UFJ, Ltd.
- 32. The Hongkong and Shanghai Banking Corp. Ltd.
- 33. The Royal Bank of Scotland PLC
- 34. United Overseas Bank Ltd.
- 35. Westpac Banking Corporation
- 36. Woori Bank

(Thirty Six Banks)

# NALCO's Vision, Mission and Value Statement

# Vision

To be a Premier and Integrated company in the Aluminium value chain with strategic presence in Mining both domestic & global, Metals and Energy sectors.

## Mission

To sustainably grow multi-fold in Mining, Alumina and Aluminium business along with select diversification in Minerals, Metals and Energy sectors, while continuously improving on efficiency and business practices thus enhancing value for all stakeholders.

# **Core Values: BEST**

## **Benefitting Stakeholders**

We provide our customers, suppliers and other stakeholders with utmost level of value, service and satisfaction.

## **Excellence and quality**

We ensure that our products, manufacturing & business processes adhere to the highest quality levels and standards.

#### Sustainability

We relentlessly pursue sustainable practices and create a positive impact on the communities we engage with.

### **Trust & Integrity**

We conduct ourselves with dignity, integrity, equity, transparency and accountability to build trust.

# Alumina Refinery's Vision, Mission

# Vision

To be a world-class Alumina Refinery

# Mission

To sustainably grow multifold in Alumina Business while continuously improving on efficiency and business practices thus enhancing value for all stake holders.

| GI NO   |                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| SL. NO. | EHS (Environment Health & Safety) GUIDELINES TO SUPPLIERS  For Suppliers of Capital equipment & machinery:                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
|         | Competence/maintenance/calibration requirements if any to be compiled.                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |
|         | <ol><li>Does the machine need any hazardous chemicals as per MSIHC<br/>rules 1989 &amp; amendment thereafter?</li></ol>                                                                                                                                                                                                                                                                             |  |  |  |  |  |
|         | 3. Noise level at 2 Meter distance is to be specified.                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |
|         | 4. The machine shall comply with applicable EHS legislations.                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
| 2       | For Suppliers of Hazardous Chemicals/Inflammable Chemicals:                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
|         | <ol> <li>You have to comply with applicable EHS legislations for<br/>manufacture, storage, transportation and possession of hazardous<br/>chemicals/inflammable liquid/gas cylinder rules.</li> </ol>                                                                                                                                                                                               |  |  |  |  |  |
|         | <ol> <li>MSDS guidelines shall be followed by your organization for proper<br/>storage, transportation of hazardous materials and others as<br/>applicable.</li> </ol>                                                                                                                                                                                                                              |  |  |  |  |  |
|         | <ol><li>Provide MSDS at the time of first consignment or whatever any<br/>update is there to the company.</li></ol>                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
|         | <ol> <li>Fire extinguisher is to be maintained in working condition in your organization.</li> </ol>                                                                                                                                                                                                                                                                                                |  |  |  |  |  |
|         | 5. Avoid leakage of oil, water, coolant etc. in your organization to conserve natural resources.                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
|         | 6. Provide TREM Cards to drivers for handling transportation emergencies.                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |
|         | 7. To use personal protective equipment such as helmets/gloves/shoes/ear plugs/welder goggles as specified and to follow safe work procedures in your organization.                                                                                                                                                                                                                                 |  |  |  |  |  |
|         | 8. You should explain to your workers about potential hazards, accidents, emergencies, environmental impact and explain all precautions to be taken.                                                                                                                                                                                                                                                |  |  |  |  |  |
| 3       | For Suppliers of gas cylinders, the requirement of Gas Cylinder Rules and it's current amendment are to be ensured.                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
| 4       | <ul> <li>For Suppliers dispatching Full Truck –load material on their own truck must ensure the following:</li> <li>1. Driver should have valid documents including Driving Licence and pollution control certificate.</li> <li>2. Unauthorised person should not drive the vehicle.</li> <li>3. Driver should strictly follow the speed regulations and other guidelines given by CISF.</li> </ul> |  |  |  |  |  |

#### SOCIAL ACCOUNTABILITY POLICY

We at NALCO are committed to provide a socially accountable work environment to all employees and uphold ethical business practices by respecting employees' rights.

We shall achieve these by adopting a companywide culture, which will help to promote:

- ♣ Involvement of all employees in sustenance of SA 8000 standard;
- **♣** Continual improvement initiatives in all social issues;
- Learning and training opportunities to all employees;
- Fulfillment of relevant statutory rules & regulations, ILO requirements, applicable international instruments and their interpretation.

\*\*\*\*\*\*\*\*\*\*

#### **ENVIRONMENT POLICY**

In recognition of the interests of the society in securing sustainable industrial growth, compatible with a wholesome environment, NALCO affirms that it assigns high importance to promotion and maintenance of a pollution-free environment in all its activities.

#### **OBJECTIVES:**

- To use non-polluting and environment-friendly technology.
- To monitor regularly air, water, land, noise and other environmental parameters.
- ♣ To constantly improve upon the standards of pollution control and provide a leadership in environment management.
- 4 To develop employees' awareness on environmental responsibilities and encourage adherence to sound environmental practices.
- To work closely with the Government & local authorities to prevent or minimize adverse consequences of the industrial activities on the environment.
- To comply with all applicable laws governing environment protection through appropriate mechanisms.
- ♣ To actively participate in social welfare and environmental development activities of the locality around its Units.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### OCCUPATIONAL HEALTH & SAFETY POLICY

NALCO is committed to maintain a Safe, Healthy and Sustainable work environment in all its operations. This shall be achieved by:

- Focusing on prevention of Accidents and Occupational Health issues.
- Complying with all legal requirements & other requirements related to Safety and Occupational Health of persons and establishing clearly defined goals & procedures to achieve the same.
- Ensuring Safety & Health of all employees and contract workers in its premises, including those involved in transportation, cleaning and other such activities.
- Conducting Periodic Safety Audits, Environment Audits, Health Check-ups and Risk Assessment by both internal and external qualified persons.
- Considering aspects related to Safety and Health of personnel as well as environmental issues at the time of procurement of equipment and selection of technologies.
- Ensuring health of persons in the peripheral locations, likely to be affected by our operations.
- Periodically monitoring and reviewing safety & occupational health issues at relevant levels, including the highest levels.
- Communicating Safety Hazards and health related issues to all concerned through suitable means, including training.
- ♣ Involving the workmen in Policy implementation as well as identification of potential issues.
- Considering Health & Safety performance of individuals at different levels during their career advancement as per NALCO's policy.
- Establishing and maintaining suitable set-up with competent persons to monitor and bring to the notice of the management any issues related to unsafe conditions & practices.
- Striving for continual improvements, exceeding statutory compliance levels, wherever feasible.

#### **ENERGY POLICY**

Enhancing Energy Performance, comprehensively optimising Energy Use, Energy Consumption and Energy Efficiency, is a major imperative for an Energy Intensive industry like ours. In recognition of this, we will focus on continual improvement of all round Energy Performance with special focus on areas of significance by way of having in place Energy Objectives based on the enshrined Guiding Principles.

#### **Guiding Principles:**

- To endeavour for reduction in Specific Consumption of Energy in all forms in areas of significance.
- To ensure availability of correct information in time and to make available necessary resources for achieving the Objectives and Targets.
- To comply with all applicable legal and other statutory/ regulatory requirements related to our energy use, consumption and efficiency.
- To espouse Energy Efficient Technology encompassing procurement of Energy Efficient products & services and design for energy performance improvement.
- To carry out Energy audits and Energy reviews at planned intervals, to improve energy performance.

\*\*\*\*\*\*\*\*

# Social Accountability 8000 Compliance Format (Supplier)

## A. Basic information

| Name of the organization          |       |                |         |                |
|-----------------------------------|-------|----------------|---------|----------------|
| Address                           |       |                |         |                |
| Telephone No                      |       |                |         |                |
| Name of the Proprietor            |       |                |         |                |
| Nature of Business                |       |                |         |                |
| License Number and date of expiry |       |                |         |                |
| Employees                         | Staff | (Total Number) | Workmen | (Total Number) |
| <ul> <li>Permanent</li> </ul>     |       |                |         |                |
| • Casual                          |       |                |         |                |
| • Badli                           |       |                |         |                |
| Temporary                         |       |                |         |                |
| Contracted                        |       |                |         |                |
|                                   |       |                |         |                |

# B. Information regarding Social Accountability

| • | What is the minimum age required to join your organization?                                                                                                                 | Years                 |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| • | What types of certificates (Like mark sheet, birth certificate) you keep with you?                                                                                          | Original Copy / Xerox |
| • | Do you require to keep any kind of deposit in form of cash at the time of employment?  Do you provide safe & healthy work environment                                       | Yes/No                |
| - | as per statutory requirement?                                                                                                                                               | Yes/No                |
| • | If directly not provided by you, do you get health & safety benefits from NALCO?                                                                                            | Yes/No                |
| • | Do you provide personal protective equipment(s) to your employees free of cost?                                                                                             | Yes/No                |
| : | Do you provide safety training to your employees? Do you ensure canteen facility for your employees? Do you have any procedure in your organization for                     | Yes/No<br>Yes/No      |
|   | Accessing work place related risk                                                                                                                                           | Yes/No                |
|   | Do you have any worker participation based team Such as SPT (social performance Team) and Safety health Committee (SHC)? Do you have any procedure in your organization for | Yes/No                |

|             | Consultation with stake holder & interested partied for improvement of the system?                                                                                                                                                                                                                                                                                                  | Yes/No                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
|             | Does your organization charge any employment fee from workers?  Do you have any exetem for consultation & communication with                                                                                                                                                                                                                                                        | Yes/No                     |
|             | Do you have any system for consultation & communication with Employees and other interested parties to understand the provision Of SA-8000?  Do you have any procedure for handling the grievance and problems of the workers?  Do you have any evaluation system for your suppliers, sub-suppliers And contractors?  What types of medical benefits you provide to your employees? | Yes/No<br>Yes/No<br>Yes/No |
| -           |                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| •           | Do you allow trade union and collective bargaining in your organization?                                                                                                                                                                                                                                                                                                            | Yes/No                     |
| _           | If no, how do you ensure freedom of expression?                                                                                                                                                                                                                                                                                                                                     |                            |
| _           |                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| -<br>•<br>- | Incase of non-performance of any employee, how do you deal with suc                                                                                                                                                                                                                                                                                                                 | ch situations?             |
| -<br>-      |                                                                                                                                                                                                                                                                                                                                                                                     |                            |
|             | What are the procedures of hiring/promotion/ remuneration in your organ                                                                                                                                                                                                                                                                                                             | anization?                 |
| -           |                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| -           |                                                                                                                                                                                                                                                                                                                                                                                     |                            |
|             |                                                                                                                                                                                                                                                                                                                                                                                     |                            |

• Do you provide appointment letter to your employees?

Yes/No

| • | Do you maintain a documented terms and conditions of employment?                                                | Yes/No               |
|---|-----------------------------------------------------------------------------------------------------------------|----------------------|
| - | Do you maintain a disciplinary procedure?                                                                       | Yes/No               |
|   | If no, how do you terminate your employee?                                                                      |                      |
| _ |                                                                                                                 |                      |
| _ |                                                                                                                 |                      |
| _ |                                                                                                                 |                      |
| _ |                                                                                                                 |                      |
| • | How do you ensure that your employees are not discrimination on the beginning gender, religion, age and dieses? | pasis of cast creed, |
| - |                                                                                                                 |                      |
| _ |                                                                                                                 |                      |
| - | How many shift you have?                                                                                        | shifts               |
| - | What is the official working time?                                                                              | hours                |
| - | Which day is off day in your organization?                                                                      |                      |
| • | In case, a person works in off day or holiday, how is he/she compensat                                          | ed?                  |
|   |                                                                                                                 |                      |
| _ |                                                                                                                 |                      |
|   |                                                                                                                 |                      |
|   |                                                                                                                 |                      |
| • | Do you pay overtime to your employeesas per law?                                                                | Yes/No               |
| • | What is the lowest amount (salary/wage) you pay to your employees?                                              | Rs/-                 |
| • | Is there any case of deduction in wage?                                                                         | Yes/No               |
| • | In case, it is yes, what are the general reasons for such deduction?                                            |                      |
|   |                                                                                                                 |                      |

| _ |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| _ |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| - |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
|   |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| • | Is there any apprentice period in your organization?                                                                                                                                                                                                                                                                                                | Yes/No                                                                                                                  |
| • | If yes, what is the apprentice period in your organization?                                                                                                                                                                                                                                                                                         |                                                                                                                         |
| • | Do you have any international certification                                                                                                                                                                                                                                                                                                         | Yes/No                                                                                                                  |
| • | If yes, please specify                                                                                                                                                                                                                                                                                                                              |                                                                                                                         |
| - |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| • | Do you receive, handle or promote goods and/or services from supplier/subcontractors or sub-suppliers                                                                                                                                                                                                                                               | Yes/No                                                                                                                  |
| • | Do you receive, handle or promote goods and/or services from supplier/subcontractors or sub-suppliers who are classified as home worker?                                                                                                                                                                                                            | Yes/No                                                                                                                  |
| • | If yes, what steps you have taken to ensure that they get similar directly by permanent employees?                                                                                                                                                                                                                                                  | ar level of protection as afforded                                                                                      |
| - |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| - |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| - |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| = |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |
| • | Have you taken care to look into issues related to child labour Forced labour, health & safety, working hours and remuneration of your suppliers                                                                                                                                                                                                    | on<br>Yes/No                                                                                                            |
|   | We do hereby declare that our organization is committed to implement remedial/corrective actions identified against the organization. We also declare that the sub contractors/sub sup Moreover, we declare that if invited, we shall participate in away programme organized by you.  We declare that the above-mentioned informations are correct | e requirement and promptly inform your polier's performances are monitored by unareness programme as well as monitoring |
|   | Signature:                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |
|   | Designation:                                                                                                                                                                                                                                                                                                                                        |                                                                                                                         |
|   | Date                                                                                                                                                                                                                                                                                                                                                | Seal of the organization                                                                                                |

# MANDATE FORM FOR ELECTRONIC PAYMENT THROUGH RBI EFT/ RTGS/NEFT/Internet Banking

| To<br>Natio | onal A                      | luminium (     | Com   | npany     | Limited,      |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|-------------|-----------------------------|----------------|-------|-----------|---------------|------|-------|------|------|-------------|-------|-------------|-------------|-------|---------------|--------|-------|------------|-------|-------|-----|
|             |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| Dear        | -                           |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| Sub:        |                             | horization fo  |       |           |               |      |       |      |      |             |       |             |             |       |               |        | RTGS  | <b>S</b> . |       |       |     |
|             |                             | No             |       |           |               |      |       | •    |      |             |       |             |             |       |               |        |       |            |       |       |     |
| (Pleas      |                             | n the inform   |       | n in CA   | APITAL LETT   | ERS  | S. Pl | eas  | e T  | ICK w       | here  | ver         | it is a     | appl  | licable       | )      |       |            |       |       |     |
| 1.          |                             |                |       |           | :             |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| 2.          | 2. Address of the party     |                |       |           | rty :         |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| City :P     |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             |                             |                |       |           | _             | _    |       |      |      | •••••       |       |             |             |       |               |        |       |            |       |       |     |
|             |                             |                |       |           | Permanent     | Aco  | cour  | ntNi | um   | ber         | :     |             |             |       |               |        |       |            |       |       |     |
| 3.          |                             | ticulars of Ba | ank:  |           |               |      |       |      | -    |             |       |             |             |       |               |        |       |            |       |       |     |
|             | Bank Name                   |                |       |           |               |      |       |      |      |             |       |             | Branch Name |       |               |        |       |            |       |       |     |
|             | Branch Place                |                |       |           |               |      |       |      |      |             |       | Branch City |             |       |               |        | 1     |            |       |       |     |
| Pin (       | Pin Code                    |                |       |           |               |      |       |      |      | Branch Code |       |             |             |       |               |        |       |            |       |       |     |
| MIC         | MICR No                     |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             | _                           | de number      |       | _         |               |      |       |      |      | -           |       |             |             | -     |               |        |       |            | n Xe  | rox ( | cop |
| of a        | chequ                       | e of your ba   | ınk 1 | for ens   | uring accur   | асу  | of t  | he   | ba   | nk nar      | ne, l | bran        | ich n       | ame   | e and o       | ode    | num   | ber)       |       |       |     |
| Acco        | Account Type                |                |       |           | Savings ڤ Cu  |      |       |      |      | rrent ڤ     |       |             |             |       | ڤ Cash Credit |        |       |            |       |       |     |
|             |                             | 1 /            |       |           | .1 01         | 1    |       |      | I    |             |       |             |             |       |               |        |       | 1          | 1     | I     | 1   |
|             | Account Number(as app Book) |                |       | aring ir  | i the Chequ   | ıe   |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| RTG         | RTGS / IFSC Code            |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       | Ī   |
| 4. D        | ate fro                     | om which the   | e ma  | andate    | should be     | effe | ectiv | e:   |      |             |       |             |             |       |               |        |       |            |       | ı     |     |
|             | I he                        | reby declare   | e tha | at the p  | articulars g  | ive  | n ab  | ove  | e aı | re cor      | rect  | and         | com         | plet  | te. If a      | ny tra | nsac  | tion i     | is de | laye  | d   |
| or no       | ot effe                     | cted for r     | easo  | ons of    | incomplete    | 9 01 | r ind | corr | ec   | t info      | rmat  | tion,       | l sł        | nall  | not h         | old N  | latio | nal A      | lumi  | niun  | n   |
| Comp        | oany Li                     | mited respo    | nsib  | le. I als | o undertak    | e to | o adv | vise | an   | ny cha      | nge i | n th        | e pa        | rticı | ulars o       | fmy    | acco  | unt to     | faci  | litat | e   |
| upda        | tion of                     | records for    | pur   | pose of   | f credit of a | mo   | unt   | thr  | ou   | gh RBI      | EFT   | / In        | tern        | et /  | RTGS.         |        |       |            |       |       |     |
| Place       | :                           |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| Date:       |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             |                             |                |       |           |               |      |       |      |      | Si          | gnat  | ture        | of tl       | ne p  | arty/A        | utho   | rized | Sign       | atory | y     |     |
|             |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
|             | ried thi<br>'s Stan         | at particulars | s rui | inished   | i above are   | cor  | reci  | L dS | þe   | ei our      | eco   | ıus.        |             |       |               |        |       |            |       |       |     |
| Date:       |                             | ıp.            |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |
| Date.       |                             |                |       |           |               |      |       |      |      |             |       |             |             |       |               |        |       |            |       |       |     |

# **Declaration by Bidder for Implementation of Integrity**

| Tender Ref:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/We ( Name of the Bidder ) commit to take all measures necessary to prevent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| corrupt practices, unfair means and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract. I/ We further undertakes                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <ul> <li>Will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage to any official of the Buyer, connected directly or indirectly with the bidding process, evaluation, contracting and implementation of the Contract.</li> </ul>                                                                                                                                                                                                                                                                                   |
| <ul> <li>will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.</li> <li>will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.</li> <li>will commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable fact.</li> <li>will not instigate or cause to instigate any third person to commit any of the actions mentioned above.</li> </ul> |
| Yours faithfully                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (authorized signatory of the Bidder) Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |