

NOTICE INVITING TENDER (NIT)

T&C DEPARTMENT, SMELTER DIVISION, NALCO, ANGUL

Web site: www.gem.gov.in

Ref: SMLT/T&C/GeM/OMC-6091/NIT/5401

Date: 28.05.2026

To

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845888/2026/SMELTER T&C

Ref. Computer No: 140806 / File No: [1400-923-11-11/0011/2026-923](#)

Name of the Work: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

Dear Sirs,

The proposed subject tender will be floated at online GeM Portal on **LTE-Single Part** & e-tender through GeM portal basis.

Thanking you.

Yours faithfully,
For and on behalf of
NATIONAL ALUMINIUM COMPANY LIMITED

**DGM (MECH.)
T&C DEPARTMENT, SMELTER PLANT**

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NIT No:

SMLT/T&C/GeM/OMC-6091/NIT/5401

DATE: 28.05.2026

Sub: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

Designation – DGM (Mechanical)

Tender Inviting Authority

Tender & Contract Dept., Smelter Plant

Ph. No. **06764 -220129**, Mob.**9437061279**

Email: somnath.dey@nalcoindia.co.in

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PART –A

General information

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1. Company Information

- 1.1. National Aluminum Company Limited (NALCO), incorporated in 1981, is a premier Navaratna Public Sector Enterprise under administrative control of Ministry of Mines of Govt. of India in the field of Alumina/Aluminium having integrated multi-locational facility of Bauxite Mining, Alumina Refining, Aluminum Smelter, Power Generation and Port. NALCO has one of the major Aluminum production facilities consisting of Bauxite Mines, Alumina Refinery, Aluminium Smelter and Captive Power Plant, all located in the state of Odisha.
- 1.2. More details on NALCO can be viewed on company's website www.nalcoindia.com

2. Government e-Marketplace(GeM):

- 2.2 The bidder wishes to participate in the published tender should have his firm registered in the GeM government portal. Accordingly, bidder should do the registration in the tender site <http://gem.gov.in> using the option available. Then the Digital Signature registration has to be done with the e-token, after logging into the site. The e-token may be obtained from one of the authorized Certifying Authorities of Govt. of India such as MTNL / SIFY / TCS / nCode/ eMudhra / NIC etc. After that, bidder will login to the site through using his user ID & Password chosen during registration. The e-token that is registered should be used by the bidder and should not be misused by others.
- 2.2 Reverse Auction:- In case of Reverse auction tendering, the Date, time and quantum of decremental value will be mentioned in the NIT. Hence bidder should take a note of it and see the details as per **Annexure-A8.**

3. Purpose of this NIT

- 3.1. Smelter Plant, NALCO invites digitally signed online bids under **LTE-Single Part** GeM Tender system.
- 3.2. **The Salient features of the Tender are as detailed F-02 Form (Annexure-B1).**

4. Bidding Process

- 4.1 The entire set of Tender document needs to be uploaded and digitally signed in GeM site of GeM Portal (www.gem.gov.in) before the scheduled time of bid submission.
- 4.2 Bids will be received up to last date and time specified or extended bid due date, as the case may be through e-tendering at www.gem.gov.in.
- 4.3 NALCO shall not be responsible for any expenses incurred by bidders in connection with the preparation & submission of their bids, and other expenses incurred during bidding process.
- 4.4 The bidders are advised to submit the tender document online well in advance before the prescribed time to avoid any last-minute hitch / problem.
- 4.5 After the bid submission, the acknowledgement number generated by the e-tendering system should be printed by the bidder and kept as a record of evidence for online submission of bid for the tender.
- 4.6 Further, bid shall be evaluated based on documents furnished. So bidder must ensure that all relevant documents are furnished at the time of submission of offer.
- 4.7 This NIT is in three parts .The part -A is mainly General information and instructions to bidder, Part-B is about the contract details and Part-C consists of various forms ,agreement formats, declarations etc. The bidder should go through full NIT before filling.
- 4.8 The bidder should go through '**Annexure-A1**' i.e. instructions to the bidders prior to bidding.

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4.9 Bidders are required to submit the hard copy of the followings in a sealed envelope and should reach General Manager (T&C) Tender & Contract Department, Smelter Plant, NALCO, Angul-759145 (Odisha) by Speed Post/By Hand before the due date & time of bid opening.

4.9.1 Earnest Money Deposit(EMD) (Refer Clause no. 4.0 of Annexure-A1 & Format for BG-EMD is available at **Annexure-C12**)

NB:- Earnest Money Deposit(EMD) is a prerequisite, otherwise the Tender will be normally rejected. Earnest Money Deposit(EMD) may be submitted in the account details of respective Unit of NALCO as available at 4.0 of NIT. **However, the bidder may submit attested copy of certificate such as NSIC / MSME / other category for Earnest Money Deposit(EMD) exemption.**

4.9.2 The signed & sealed copy of "The Integrity Pact (**Annexure-C21**).

4.9.3 Affidavit in Original towards Litigation History (**Annexure-C22**) duly signed after the NIT publication date.

4.9.4 Bid submission conformation page from GeM System Government of India

4.9.5 Internet Bank Mandate along with Cancelled Cheque (all in original) as per Annexure-C10.

4.9.6 The party, if registered with NSIC/MSME, then they should submit the documentary proof of the same mandatorily.

Copy of all these above documents are also required to be uploaded in GeM Portal along with Bid documents.

4.10 Clarifications, if any, regarding this tender can be obtained from the undersigned through mail or phone no. at Pg-8 of 103 before the TSD.

4.11 After downloading / getting the tender schedules, the bidder should go through them carefully and then submit the documents as asked. If there are any clarifications, this may refer online through the tender site, or through the contact details. Bidder should consider the corrigendum published before submitting the bids online. Bidders in their own interest should get ready in advance to submit the bid documents as indicated in the tender schedule. These documents should be in PDF / XLS / RAR / DWF formats. If there is more than one document, they can be clubbed together.

4.12 Bidder should clearly fill up the POC Technical (Detailed work order and execution statistics) (**Annexure-C6**) and Details of present commitments of the tenderer (**Annexure-C8**) for his offer evaluation. Suppression of credential / facts may lead to penal action as per procedure.

4.13 It is mandatory for the bidder to fill up the **Annexure-C19** and **Annexure-C20** (regarding declaration of the relatives in Nalco) and **Annexure-C3** (Deviation statement to the tender terms and conditions) and **Annexure-C4** (Declaration by the bidder) while submitting the offer.

4.14 Bidder should check his mail and GeM Portal for any information regarding tender from time to time.

4.15 In case any specific adverse report is found against any bidder during enquiry about the statement made / credential submitted along with the offer documents in respect of capabilities, spare capacities, performance, completion certificates and criminal background of the bidder, the offer submitted by such bidder shall be rejected and penal action as deemed fit may be initiated.

4.16 If the bidder submits the bid in manual form (if permitted categorically in the tender), he should have already registered in the tender site and he shall have to mention the registration ID in the bid submitted otherwise his tender will not be considered.

4.17 Nalco reserve the right to seek any document / information at later stage in respect of evaluation of bid which the bidder must submit failing which the bid may be rejected.

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5 Bid Evaluation

- 5.1 Evaluation will be done strictly in line with the facilities available under government website www.gem.gov.in i.e. based on documents uploaded by the bidder as per PQC. In case of non-compliance to the PQC requirement, i.e. any shortfall documents arise out of submitted technical as well as commercial credential submitted within tender submission date, bidders will be given normally one chance under GeM Portal to upload shortfall documents within a stipulated date. No new documents would be called up as part of PQC experience documents.
- 5.2 The technical acceptability will be strictly as per matching of PQC with submitted work credential by the bidder
- 5.3 In case any specific adverse report is received against any bidder and proved to be correct after enquiry about the statement made / credential submitted along with the offer documents in respect of capabilities, spare capacities, performance, completion certificates and criminal background of the bidder, the offer submitted by such bidder shall be rejected and penal action as deemed fit may be initiated.
- 5.4 **Concurrent commitment:** - ~~The concurrent commitments of bidder on various jobs under execution by the bidder will be considered to assess the spare capacity available with the bidder. The bidder must confirm that they have disclosed all the works being executed by them in the offer. If the annualized concurrent commitments of the bidder plus annualized estimated value of the work (for single agency)/ annualized estimated maximum percentage of work in split case under consideration (for multiple agency) exceeds four times the average annual turnover of the bidder during the last three Financial Years, then the price bid of such a bidder shall not be recommended for opening as the bidder may not have adequate resources to execute the tendered work. **Suppression of fact /data regard to jobs under execution will be considered as gross violation and rejection of bid including penal action such as banning/ blacklisting, as deemed fit. NOT APPLICABLE FOR THIS CONTRACT.**~~
- 5.5 **In-house information for assessment of capability of bidder and their performance on jobs completed / in progress at NALCO shall be considered for evaluation purpose. In case of poor performance, the offer from such bidders shall not be evaluated.**
- 5.6 Nalco reserve the right to seek any document information at later stage in respect of evaluation of bid which the bidder has to submit failing which the bid may be rejected.
- 5.7 **In case the Bidder submits the work experience as a sub-contractor (of the Main Contractor), approval from the Principal agency/Client, against application submitted by Main Contractor during the course of execution for the engagement as Sub-Contractor of the Main Contractor, needs to be submitted along with the Bid.**

6 Ordering

- 6.1 On selection of Vendor for award of work, necessary internal approval processes will be completed, and during the said process, the Vendor Master data will be cross checked with documents like PAN Registration Certificate, GST Registration Certificate, Signed & Cancelled Cheque (with Name, Account No and IFSC Code printed on the Cheque) duly authenticated by the Vendor and attached to ANNEXURE- C10.
- 6.2 In normal circumstances the party in whose favor the work is awarded shall be issued with LOI. The party shall have to enter into an agreement in writing on non-judicial stamp paper of appropriate value as laid down in the GCC. The agreement normally consists of LOI, BOQ at the accepted rate, complete bid document, Schedule of Agreed Variation (if any) etc. The documents such as, correspondences, minutes of meeting, (if held with the party) etc. shall also form part of the contract agreement if required. On execution of Agreement a Detailed Order will be issued.

- 7 **General Conditions of Contract (GCC)** will be a part of the NIT.

Designation - DGM(Mechanical)

Tender Inviting Authority

Tender & Contract Dept., Smelter Plant

Ph. No. **06764 -220129, Mob.9437061279**

Email: somnath.dey@nalcoindia.co.in

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ANNEXURE-A1

INSTRUCTIONS TO BIDDERS

SMLTER / CPP of National Aluminium Company Ltd (NALCO) is situated on NH-55 at approximately 6 KM away from ANGUL (District head quarter) and 5 KM away from Banarpal in Angul district of state of Odisha, connecting between Cuttack and Sambalpur.

1.0 SCOPE OF WORK:

The scope of work shall be as detailed is enclosed at **Annexure-B2**. The work shall be carried out as per direction of Engineer-in-charge/Manager-in-charge subject to special condition of contract given in **Annexure-B3**.

2.0 PRE-QUALIFICATION CRITERIA (PQC)

2.1 Single part Tender will be evaluated on the basis of price bids only. Hence, bidder should not take any technical/commercial deviations, otherwise their offer will be liable for rejection. For other type of tenders, wherever techno-commercial evaluation is to be done first, the bidders are required to submit documentary evidences for technical experience and financial capabilities as part of Pre-Qualification Criteria (PQC).

2.2 It may be noted that the details of documents submitted in support of the PQC for Technical & Financial capabilities are to be specified in following formats. If no references are found in the stated Annexures and the bidder gets disqualified, non-cognizance of such documents by NALCO, even if attached somewhere else as part of bid documents, will not be seen as a deficiency in proper evaluation of such documents. Hence, bidders may ensure that such documents are invariably referred in the below-mentioned Annexures.

2.2.1 Technical/Experience Criteria: **Annexure-C6**

2.2.2 Financial Criteria : **Annexure-C7**

2.2.3 The bidder should possess independent EPF, ESI, PAN & PAN based GST registration certificates respectively from the concerned Regional Provident Fund Commissioner for PF, Independent Account Code from concerned Regional Director ESIC for ESI, Direct Tax Authorities for PAN and Indirect Tax Authorities for GST, as applicable.

2.2.4 Litigation history for criminal background: **Annexure-C22**

2.2.5 ~~The concurrent commitments of bidder on various jobs under execution by the bidder will be taken into account to access the spare capacity available with the bidder. Bidders are required to fill **Annexure-C8** for calculation at our end. **Suppression of fact and figures will liable to cancellation of bid and penal action as per rule. NOT APPLICATION FOR THIS CONTRACT.**~~

3.0 LITIGATION HISTORY:

3.1 The bidder is required to give the names of other firms / agencies / partnership firm / wholly owned or partly owned subsidiary etc. where they are having financial / professional stakes and also give a certificate if any such firm / agency is participating in the subject tender.

3.2 Bidder may note that any pending criminal case involving moral turpitude, fraud, theft & unlawful activities or conviction by court of law or indictment/ adverse order by regulatory authority against the person, company, Directors of the Company or sister concern of the Company, partner of the firm etc. would constitute disqualification for participating for tender.

3.3 The bidder or its proprietor /partner(s)/director(s) of the firm should not have been convicted by court of law for an offence involving moral turpitude in relation to the business dealing during past seven years for acceptance of the offer.

3.4 Litigation history for criminal background is to be provided by the bidder. The bidder shall give an affidavit to this effect as per the format at **Annexure-C22**. The affidavit must be affirmed before the competent judiciary authority or duly notarized by Notary.

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4.0 EARNEST MONEY DEPOSIT (EMD):

Earnest money may be deposited through any one of the two procedures noted below. (refer sl no:4.3 of F-02 form of contract details, **Annexure-B1**).

- 4.1 In shape of account payee Demand draft/ Banker's cheque/ Pay order, from any Nationalized or Scheduled Bank in favour of National Aluminium Company Ltd., payable to our bank as per the details below.
- 4.2 Through online bank transfer. The transaction confirmation document generated through online transaction, giving details of transaction is required to be provided as a separate document.-The credit of EMD in our Bank account would be confirmed before acceptance of bid. If the transaction is not reflected or reflected with wrong reference as on TOD or credited subsequently, then the bid shall be considered to be unaccompanied by any EMD and the bid will be liable for rejection.

Our bank details for online transfer of EMD

Sl.	Description	Smelter Plant	Captive Power Plant (CPP)
a)	Account Holder's Name	Nalco Smelter Plant	Nalco Captive Power Plant
b)	Bank Name	State Bank of India	State Bank Of India
c)	Branch Name	Kandsar	Kandsar
d)	Branch Place	Nalconagar	Nalconagar
e)	Branch City	Angul	Angul
f)	IFS Code	SBIN0008279	SBIN0008279
g)	Account Number	10657908114	10657908589

Bank transfer details of EMD to be provided.

- a) Amount transferred: Rs. _____
- b) Unique Transaction Reference (UTR) No.:
- c) Bank details from which the transaction was made:
- d) Date of transaction:
- e) Tender details (Number & Name of work):

Note: While making the online payment, the Tender Number (OMC-____) may be mentioned in the text field of the transaction.—

Incase EMD amount is Rs.1.25 lakhs or more, EMD in the form of Bank Guarantee in prescribed format from NALCO approved Bankers (**Annexure-C12**) shall also be accepted. The original BG is to be submitted along with bid as indicated in the NIT.

- 4.3 Bids without EMD will be rejected. However, the Public Sectors, Government agencies and the Firms registered with NSIC/MSME , and others such as Ancillary Industries etc. for which specific exemption has been granted by NALCO may be considered for exemption from EMD subject to submission of attested documentary evidence in support of the same in sealed envelope as stipulated in NIT.MSEs having UAM no shall also submit supporting documents such as UAM certificate, CA Certificate (certifying that the unit is a MSE having valid MSE certificate).
- 4.4 EMD of unsuccessful bidders will be refunded within 15 days of finalization of contract for single part bid tender and within 15 days of acceptance of techno-commercial offers by the Competent Authority in case of two-part bid tender.
- 4.5 The EMD shall be forfeited without any notice on any of the following situations.
- 4.5.1 On withdrawal of offer after expiry of submission date & time of bid offered.
- 4.5.2 If the bidder does not submit the agreement prior to effective date mentioned in the Service Purchase Order/LOA/LOI considering the criteria of Clause No. 15.0 of this **Annexure-A1**.
- 4.5.3 If the work is not commenced from the effective date of Service Purchase Order, after award of the work.
- 4.5.4 At any point of time if it is found that the party has submitted any false declaration in his offer.
- 4.5.5 If the bidder modifies its bid after the opening of the bids without written instruction from NALCO.

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5.0 BANK GUARANTEES: -

- 5.1 The vendor may submit Bank Guarantee against Earnest Money Deposit (EMDBG), Performance Guarantee Bond (PGB), Security deposit (SDBG), Free Issue Material (FIMBG), Advance BG (ADVBG) Performance Bank Guarantee (PBG), and Contract Cum Performance Guarantee (CPBG) where ever applicable.
- 5.2 The BG in prescribed format (Annexure-C11 to Annexure-C16) should be issued by approved Banks listed at Annexure-C17 having its branch at Angul/Bhubaneswar and the BG should be registered in Structured Financial Messaging System (SFMS) for BG Confirmation and Lodging of claim. Place of Encashment may be limited to Angul/Bhubaneswar only.
- 5.3 The original EMD-BG should be sent by the Bank directly in the address of Tender Inviting Authority (TIA) and for other BGs to EIC/MIC mentioned in the Work Order through Registered/Speed Post with AD. It may be noted that the BG Format requires mentioning of the address, Phone, Fax no. and email ID of the issuing Bank. On receipt of Original BG, it will be forwarded to Finance by EIC/MIC through Inter Office Memo (IOM).
- 5.4 Each BG contains a start date, expiry date and claim date. The validity of BG (Start date to expiry date) should cover the Tender/Contractual execution period. A further claim period of 3 months is required to lodge a claim for extension/encashment of BG if necessary. Therefore, the claim date should be 3 months beyond the expiry date. If a consolidated BG is provided including claim period, 3 months will be considered as claim period and accordingly BG extension should be provided to cover Tender/Contract requirement.
- 5.5 BG extension whenever required should ideally be provided 15 days prior to Expiry date from the same Banker against the Original BG with reference to the Tender/Contract. However, in specific cases if a new BG from a different bank is provided against the Original BG the subsequent BG should also cover the obligations under original BG period. The subsequent banker has to give an undertaking in this regard in their BG forwarding letter in letter head.

6.0 ORDER OF PRECEDENCE OF CONTRACT DOCUMENTS:

- 6.1 The documents as stated below shall constitute the integral part of Contract Documents. In the event of any ambiguity or conflict between the Contracts documents as given below, the order of precedence shall be the order in which they are listed. All documents forming part of this tender are intended to be correlative, complimentary and mutually explanatory. The tender documents should be read by the bidder as a whole before bidding the tender.
 - 6.1.1 Conditions of Integrity Pact.
 - 6.1.2 Bill of Quantity.
 - 6.1.3 Scope of Work/Technical Specifications.
 - 6.1.4 Drawings if any.
 - 6.1.5 Special Conditions of Contract.
 - 6.1.6 Instruction to bidders/NIT.
 - 6.1.7 General Conditions of Contract (GCC).
 - 6.1.8 Relevant Indian Standards.
- 6.2 If any varying or conflicting situation arises in any of the document forming part of the Contract, NALCO's decision with regard to intention/interpretation of the document and the decision shall be final and binding on the parties.

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7.0 MODE, SUBMISSION, RECEIPT AND OPENING OF TENDER:

- 7.1 Corrigendum and/or Clarification, if any issued for the NIT shall form part of the Tender Documents. Corrigendum and/or Clarifications will be hosted on the web-site www.gem.gov.in and no separate intimation will be given to the bidders or released in the press. Bidders are requested to visit the web-sites from time to time to note the Corrigendum and/or Clarifications before submission of their bid. NALCO shall not be responsible if any bidder omits to notice any Corrigendum and/or Clarifications and make necessary change if required in their submitted final bid.
- 7.2 Telex/ Telegraphic/ Fax/ E-mail bids shall not be accepted.
- 7.3 Before submission of the bid, the bidders are requested to read the bid document carefully to make themselves fully conversant with the GCC, Special Conditions of Contract and Conditions of bidding, Specific conditions, technical Specifications and bid drawings if any. The bidder should visit site and get familiarized with the site conditions so that, no ambiguity may arise in these respects, subsequent to submission of the bids.
- 7.4 Nalco's General Conditions of Contract (GCC) & Special Conditions of Contract (SCC) if any shall form part of this contract. The tenderer is advised to go through the same either in the office of the Tender Inviting Authority during office hours to seek clarification if any, or may refer to NALCO web site and get them-selves satisfied before quoting the rates. It will be taken for granted by NALCO that tenderer has seen and gone through the terms and conditions and shall abide by same.
- 7.5 The forwarding letter / covering letters & information is to be included in the offer. The instruction given in the checklist of single part / two-part bids must be strictly complied.
- 7.6 Tenders are to be uploaded in the GeM web site (www.gem.gov.in) on or before time & date specified at Sl. No. 5.0 of F-02 form of Contract Details, **Annexure-B1**. The PART-I bids in case of two-part tendering and Single part bid in case of LTE shall be opened at the time & date specified at Sl. No. 6.0 of F-02 form of Contract Details, **Annexure-B1**.
- 7.7 The price bids of technically qualified bidders shall only be opened on a later date. The date & time of opening of price bid shall be intimated to the qualified bidders through www.gem.gov.in website.
- 7.8 Bidders are advised to submit complete set of Tender documents along with ANNEXURE-B4 & ANNEXURE-C3 etc. under GeM Portal in the Online Mode. Price Bid shall also be uploaded online only.
- 7.9 All the supporting documents to meet the PQC need to be uploaded with the offer after attesting them by a gazette officer or notary public and are required to sign each page by the bidder or by their authorized representative. The hard copy of these PQC compliant documents should reach the office of the Tender Inviting Authority before the due date & time of bid opening.
- 7.10 **As per Manual for Procurement of Works 2019 Ministry of Finance Department of Expenditure 5.4.5 Normally no post bid clarification at the initiative of bidder shall be entertained. The shortfall information /documents if any may be sought only in case of historical documents which pre- existed at the time of tender opening and which have not undergone change since then. So far as the submission of documents is concerned after submission of the tender, Nalco may ask and consider, only related shortfall documents. For example, if the bidder has submitted a contract without its completion / performance certificate / annual turnover, the certificate can be asked for and considered. However, no new contract will be asked further so as to qualify the bidder. No post-bid clarification at the initiative of the bidder shall be entertained. Hence bidders are required to take due care to upload all relevant work credentials available with them in order to avoid rejection.**
- 7.11 Deviations of any form are not acceptable in case deviation is unavoidable, bidders are instructed to give all deviations in the enclosed deviation statement sheet (**Annexure-C3**) only, along with the tender document. Please be informed that only deviation statement will be considered for further evaluation. Deviations at any other place will not be considered. Deviations in LTE single part will not be considered in any case and the bids will be rejected.

- 7.12 Deviation(s) listed at any other place of the tender shall not be considered at all and shall not be binding on NALCO. The tender shall be evaluated based on the deviation statement and no claim whatsoever shall be entertained irrespective of bidder has accepted this particular clause or not.
- 7.13 Financial implications of the agreed deviation as per assessment of NALCO will be loaded on the price quoted by the bidder. Deviation not accepted by NALCO will have to be withdrawn by the bidder otherwise such bids may be disqualified/rejected. In case of withdrawal of deviations to NIT specification, if any bidder insists for revision in price before opening of price bid and Nalco agrees for the same, the submission of price implication shall be in offline mode from the bidder in a sealed envelope by hand/password protected file through e-mail within a stipulated time.
- 7.14 NALCO reserves the right to defer the date of tender opening in case the response is considered inadequate or due to any other reasons. In such event, the bidders shall be intimated the next date of opening subsequently.
- 7.15 The bidder shall ensure submission of complete information / documents in the first instant itself. NALCO reserves the right to evaluate the offer based on the details furnished by the bidders on the scheduled date of tender submission without seeking any subsequent additional information.
- 7.16 All the pages of GCC duly signed & stamped by authorized signatory should be submitted along with the agreement / offer. In case of online offers, the copy of GCC is to be uploaded with the offer after digitally signed by the bidder.
- 7.17 Declaration regarding Relationship with Board of Directors and Employees of Nalco: The contractors must furnish certificate as mentioned in **Annexure-C19** & **Annexure-C20** enclosed, disclosing in detail about their relatives in Nalco. Suppression of this information in any form if detected at any stage will lead to disqualification and lead to rejection of the offer or termination of the contract as the case may be. The concerned party may also be banned from participation in future tenders.
- 7.18 Owner's Right to Accept or Reject a Bid: A bidder may seek clarification regarding the bidding document provisions, bidding process and / or rejection of his bid. NALCO/Consultant shall respond to such queries within a reasonable time.

8.0 EVALUATION OF BIDS:

- 8.1 The price bids of the techno-commercially qualified bids in case of two-part bid system & bids in case of single part bidding shall be evaluated as per the note of "Quantity & Rate Schedule" (**Annexure-B4**) in the excel format available in the GeM site.
- 8.2 In case there is a tie in L-1 position, the concerned bidders may be called to offer maximum possible discount on their quoted rates/revised rate in sealed envelope in order to decide the L-1 bidder among the considered bids.
- 8.3 In case "tie" of price bids, even after application of clause 8.2 above, the following criteria shall prevail in the given order.
- 8.3.1 Bidder having highest average turnover during last three years shall be preferred. Average Annual Turnover shall be decided based on audited profit and loss account submitted by the bidder for the last three financial years.
- 8.3.2 The contractor executing the same contract satisfactorily will be preferred.
- 8.3.3 The contractor of the previous contract, who has executed the same work satisfactorily, will be preferred.
- 8.4 In case of tie for L2 or other positions and L1 price matching is to be made for splitting of the job as per NIT condition, then L2, L3 etc positions shall be determined by applying criteria at sl no. 8.3 above.
- 8.5 Where the tender is being finalized through GeM Portal as per GTC applicable for GeM procurement, if multiple L-1 bidders have quoted the lowest allowed price for the tendered service (i.e. TIE cases), NALCO shall place the contract by selection of resultant bidder amongst the L-1 bidders through a random algorithm executed by GeM system. This will supersede Clause No. 8.2 to 8.4 as above.

9.0 ACCEPTANCE OF TENDER:

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- 9.1 NALCO reserves the right to reject or accept any or all the offers in full or part, split the work, reduce or increase the quantity, without assigning any reason thereof.
- 9.2 NALCO reserves the right to award the work in parts between two or more agencies if considered expedient. The quoted rates shall hold good for such an eventuality. Reference is also invited to clause No: 9 of General conditions of contract.
- 9.3 Validity of Offer: - The validity of the offers submitted by the bidders shall be as per F-02 Form i.e. Contract Details in **Annexure-B1**. In case the validity of offers expires during the processing of the case, all the bidders / techno-commercially accepted bidders shall be requested to extend the offer validity with same price and terms & condition of the tender. The offers of such bidders shall be rejected if they do not extend the validity unconditionally.
- 9.4 Bidders may note that, Brief Order / Letter of Intent / Fax of Intent / Service Purchase Order placed, is in acceptance of their offer by NALCO and shall be binding on them. However, the bidder has to return a copy of LOI / FOI / Service Purchase Order duly signed by them or their authorized representative as a token of receipt of the same within seven days of issue of the same for our records. In case of no communication of the same is received within the stipulated time from their end, it will be presumed that the party has received the Brief Order / Letter of Intent / Fax of Intent / Service Purchase Order.
- 9.5 Any communication such as Letter, BO, LOI, FOI, SPO etc. shall be communicated to the Bidder through Registered post/ Speed post/ Fax/ Hand delivery/ By mail registered with Nalco. Any communication through any one or more of above modes shall be valid and binding on the Bidder.

10.0 CONTRACT PERIOD:

- 10.1 Timely completion is the essence of the Contract. The contract period for this work shall be as mentioned in Sl no:3 of F-02 form (**Annexure-B1**) of contract details and shall be applicable from the effective date as mentioned in the service purchase order/LOI. Time period of completion” of individual items/activities may be decided jointly by Manager-In-Charge and contractor, which shall be adhered to by the contractor.

11.0 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM:

- 11.1 **Safety:** The contractor shall have to take necessary safety arrangements/ precautions for the workmen engaged by him and shall be responsible for any First Aid / Emergency treatment for his labours / workmen. In addition, the contractor shall have to abide by all fire & safety regulations of the owner. The contractor has to execute the works after taking necessary instruction & safety clearance from the safety officer.
- 11.2 All lifting/handling tools & tackles deployed by the contractor should have been load-tested as per the prevailing rules & regulations. Mobile equipments such as Truck, Tractors, Tippers, Dumpers etc. shall have valid fitness certificate with due insurance required as per the prevailing rules & regulations. Wherever transport of material is applicable, the contractor has to ensure that goods carried during transportation do not exceed the permitted laden weight as certified by registering authority for the respective vehicles.
- 11.3 Personal Protective Equipment (PPE): The contractor shall have to provide all the necessary PPE to the workmen engaged by them as per the requirement, area wise as mentioned in the PPE format. In case the contractor fails to provide PPEs as per requirement, at the time of starting the job, they will not be allowed to carry out the assigned job. PPEs can be got issued from NALCO on request with recovery of purchase cost, plus administrative charge @25% of Procurement cost as penalty plus GST on administrative charges as applicable. (**Annexure-A3**).
- 11.4 The contractor, before starting the work, shall collect a copy of the **safety manual** from Safety Department and shall abide by all instructions mentioned therein.
- 11.5 The contractor shall be responsible to promote awareness on the OSHAS requirements among the workmen engaged by them for the subject job and ensure adherence to sound OSHAS related practices as detailed in the "**Occupation Health & Safety Policy**" enclosed herewith. The contractor shall be responsible for abiding by all the applicable provisions of safety code of contractors which is available in the NALCO web site. The contractor shall contact Safety Dept. for getting necessary advice/compliances as required.
- 11.6 **Medical Checkup of Workmen:** Contractors will have to submit medical certificate from a Govt. Hospital or registered medical practitioner in the prescribed format for the workmen engaged by him along with application for gate pass and for annual renewal. No gate pass will be issued/ renewed unless the medical certificate is enclosed along with the application.

12.0 ENVIRONMENTAL REQUIREMENTS:

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12.1 The contractor shall be responsible to promote awareness on the Environmental requirements among the workmen engaged by them for the subject job and ensure adherence to sound environmental practices as detailed in the "**General Environmental Requirement & Environmental Policy**" enclosed at **Annexure-A7**.

12.2 The contractor shall remove all the waste/debris generated during the work on each occasion & dispose off to a place identified by Manager-in-charge. The thorough up-keeping of the work spot before the contractor leaves the work spot is essential. In case the contractor fails to comply with the above, the owner may get the up-keeping done & recover expenses incurred plus administrative charge @25% of the expenses incurred as penalty plus GST on administrative charges as applicable from the contractor.

13.0 ENERGY MANAGEMENT SYSTEM (ISO 50001):

13.1 The Energy Policy of NALCO is attached (**Annexure-A6**). The Service Provider needs to comply all the requirements of the Policy in consultation with the Manager-in-Charge of the contract.

13.2 Mandatory guidelines for saving any form of energy: Energy is lifeline of an Organization and SMELTER / CPP, NALCO is implementing Energy Management Systems (EnMS) – ISO 50001 in all activities. The contractual service providers are advised to train his workmen for practicing the following "Dos & Don'ts" while executing the assigned work at site.

WHAT TO DO?	WHAT NOT TO DO?
1. Use compressed air for instrument cleaning if advised by NALCO	1. Never open any compressed air for body / dress/ vehicle cleaning.
2. Close water line valves if they are in open condition	2. Never allow any water line in open condition.
3. Use water for instrument equipment cleaning if advised by NALCO	3. Never use any water line of the plant for cleaning of bicycles / vehicles.
4. Use LPG for cooking if at all required	4. Never use any electrical heater for cooking or room heating.
5. Switch off lights/ fans in day time when not required	5. Never waste electricity in any way.
6. Touch only that part of equipment for which you are authorized by the Engr. I/C	6. Never touch any isolators / switches of any equipment.
7. Handle coke, pitch, oil (FO, HSD, LDO) & LPG with due care as they are costly.	7. Never waste any quantity coke, pitch, oil (FO, HSD, LDO) & LPG a drop of any types of oil.

14.0 SECRECY TERMS: -

14.1 The contractor shall use all the documents, drawings, data & information of proprietary in nature, received from NALCO, solely for the purpose of performing and carrying out the obligations on their part under this contract. He shall not disclose the same to any other person except to the extent required in the performance of the work and shall maintain the utmost secrecy. Contractor and NALCO shall bind their employees, who are involved in engineering of the project by a suitable secrecy contract. The documents, drawings, data and information received from NALCO shall not be used by contractor for any other purpose and will also keep them confidential. All data, documents and information provided by Contractor during the course of execution of the work will be treated as confidential by NALCO and will not be released to any third party, without specific written permission of Contractor.

14.2 Breach of Secrecy: In case of breach of secrecy by the Contractor, Nalco will have right to terminate contract, Security Deposit and claim damages from the party.

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15.0 EXECUTION OF CONTRACT AGREEMENT:

- 15.1 The contractor shall have to execute an agreement on Rs.50/- non-judicial stamp paper to be purchased from any stamp vendor under the jurisdiction of the Orissa High Court, in the specific format (**Annexure-C23**). Issuing authority of work order shall sign the agreement on behalf of NALCO. The agreement shall not be required to be executed for work orders of value less than or equal to Rs.1,00,000/-.
- 15.2 The agreement should be submitted to T&C Department, within 10 days of issuance of LOA/LOI/SPO or before the effective date mentioned in the Service Purchase Order whichever is later.
- 15.3 Contract Agreement is mandatory before starting of work. EIC/MIC will ensure before Gate Pass is issued.
- 15.4 No bill shall be payable unless the agreement is signed, if signing of agreement is applicable

16.0 SUPERVISION:

- 16.1 The contractor shall have to work as per direction of the Manager-in-charge and shall report to him daily regarding day-to-day progress. The contractor shall give full access to the Manager-in-charge / authorized representative of NALCO to inspect day-to-day work executed by the contractor. Besides, the Contractor will take full responsibility to ensure proper workmanship, good quality of work and supervision during the contract period without any additional cost.
- 16.2 Under prevailing statute, the supervision should be carried out by a capable competent person.

17.0 PAYMENT OF WAGES TO ENGAGED LABOUR AT SITE:

- 17.1 Payment of wages to the labour employed by the contractor shall be as per the Central Government notification fixing minimum wages for different categories of labour in Central Public Enterprises from time to time plus an additional element as indicated below (as a part of wages).The contractor shall have to make labour payment accordingly, along with applicable statutory benefits. Therefore, the contractor must quote their rates considering the labour rates indicated at **Annexure-B5**.
- 17.2 The contractor has to ensure payment of minimum bonus @ 8.33% on the notified minimum wages for each category including the additional elements but excluding canteen subsidy (Considering minimum salary as Rs.7000/- per month) to all his workmen engaged in the contract annually.
- 17.3 As per statutory provisions, contractors will have to pay the monthly wages of contract labourers latest by 07th of subsequent month as well as deposit the statutory contributions within due date. In case of failure to do so, NALCO as principal employer will pay wages/release the payments to the concerned labourers at any time after the 07th of subsequent month without any further intimation.
- 17.4 If the date of payment is beyond 07th of subsequent month or there is direct payment, Nalco reserves the right to recover up to 25% as administrative charge on the amount of labor payment plus GST on administrative charges in the RA/Final Bill.
- 17.5 The contractor failing to make payment of labour wages as per applicable Law, may be debarred / banned for conducting future business with NALCO.

18.0 LABOUR LAWS:

- 18.1 The successful bidder shall abide by all applicable statutory provisions in respect of workmen deployed by him to the satisfaction of Central & State Government Authority. The contractor shall comply with the provisions of all statutes and amendments thereof at their cost for different legislations as under. The contractor shall have to abide by and comply with any Modification/ Change/ Amendment to the existing laws or introduction of any new law relating to the work and rules framed there under from time to time. The list is indicative and not exhaustive.

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- 18.1.1 Building & other Construction Workers (RE & CS) Act 1996
- 18.1.2 Child Labor (Prohibition & Regulation) Act 1986,
- 18.1.3 Employees' Provident Fund and Miscellaneous Provisions Act, 1952.
- 18.1.4 Employees' State Insurance Act, 1948.
- 18.1.5 Factories Act, 1948
- 18.1.6 Industrial Dispute Act 1947,
- 18.1.7 The Inter-state Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1976
- 18.1.8 The Maternity Benefit Act 1961
- 18.1.9 Minimum wages Act 1948.
- 18.1.10 Payment of Wages Act 1936,
- 18.1.11 Payment of Bonus Act 1965,
- 18.1.12 Payment of Gratuity Act, 1972
- 18.1.13 Employees' Compensation Act 1923.
- 18.1.14 Contract Labour (R&A Act, 1970)

19.0 GATE PASS & SECURITY:

- 19.1 Normally before starting of work, EIC/MIC will ensure that Contract Agreement is signed otherwise, Gate Pass should not be allowed. Therefore, the contractor shall have to produce the Contract Agreement and arrange valid gate pass for the labour/ workers engaged by him in order to enter into the factory premises if the work is to be executed inside the plant. (Refer Form No: F-02 of Sl. No- 15 at Annexure-B1).
- 19.2 **Issue & Use of Electronic ID Card:** All the contract workers will be provided with electronic entry/exit pass by CISF before mobilization of site/commencement of work by the contractor. All contract workers shall use this ID/Punch cards for making entry into /exit from the plant. After expiry of the contract, ID/Punch card will be surrendered by the workers at the time of closure of contract through the contractor. In case of loss /missing of ID/Punch card, contractor has to deposit Rs. 200/- per card in the cash counter of NALCO for issue of fresh identity card. Incase of discontinuation of job by the workers, the cards will be surrendered to the CISF under intimation to unit HRD.
- 19.3 Attendance of contractor's workers will be regulated through biometric punching systems. In case of discrepancy, decision of EIC/MIC will be Final & Binding on the contractor.
- 19.4 **Use of Online Contract Labour Management System (CLMS):**

An online Contract Labour Management System (CLMS) has been launched across NALCO w.e.f. 01.07.2017. As per the portal architecture, every contractor employing contract labour in NALCO shall have to use this online portal for various activities like safety clearance, issue of gate pass, application for license in Form II, issue of certificate from Principal Employer (NALCO) in Form III for obtaining license from the Central Labour Department, preparation of monthly wage sheets, issue of wage slips, employment cards, preparation and filing of returns, maintenance of statutory registers etc. The contractors have to use the CLMS for entering relevant data about themselves and the labour engaged by them for getting the benefits of the system. Since the package has been developed as per the mandate given by the Management and is being closely monitored by the Ministry of Mines as an item on the DASHBOARD, use of the system is mandatory for the contractor.
- 19.5 **TIME OF WORK: The factory timings are as follows:**

`A' shift-6.00 AM to 2.00 PM, `B' shift-2.00 PM to 10.00 PM, `C' shift-10.00 PM to 6.00 AM,
`G' shift-8.30 AM to 5.30 PM (with 1.00 Hr lunch break from 1PM to 2PM)

20.0 MATERIAL TOOLS & TACKLES:

20.1 The contractor shall have to make his own arrangement for supply and storage of his materials / consumables and general tools, tackles, welding sets, electrodes, chain pulley blocks, slings, gas welding/cutting sets, in connection with execution of work. No extra payment shall be applicable for such provisions. Wherever required consumables of approved quality like general purpose welding electrodes, cleaning agents, Oxygen gas, D.A. gas, etc to execute the contract shall be in Contractor's scope and contractor must arrange these materials at their own cost unless mentioned otherwise in the tender documents attached herewith. Apart from the above any job /tender specific requirement of materials is indicated in special condition of contract.

20.2 FREE ISSUE MATERIALS / CONSUMABLES:

Unless mentioned otherwise in the attached tender documents, Argon Gas & Co₂ gas will be supplied by Nalco as Free Issue Item if required for the work executed inside plant. The contractor will do transportation from issue point to work site.

Issue of cement and steel as Free Issue shall be governed by clauses 52 to 54 of GCC unless mentioned otherwise in scope of work / special conditions / BOQ or elsewhere in this tender document subject to the followings:

20.2.1 For issue of materials within plant boundary wall limit, the contractor shall submit only indemnity bond for the entire value of materials issued to them free of cost as per clause 53 (ix) of GCC.

20.2.2 For the materials which are issued for outside plant boundary such as Ash Pond area , Intake Pump House , Lean Slurry area , Bidyut Nagar Colony , township, CISF Barrack etc, the contractor shall furnish Bank Guarantee equivalent to 20% of the value of material and indemnity bond equivalent to 80% value of materials being issued to the contractor.(Ref Sl no. 8.1 & 8.2 of Form F-02 (**Annexure-B1**) of Contact Details)

20.2.3 For materials taken out side plant to the vendor's shop, Bank Guarantee equivalent 100% of the value of the materials will be submitted by the vendor before taking out the materials.

20.2.4 The Indemnity bond and the Bank Guarantee shall remain valid till the material account is totally settled. The BG and Indemnity Bond shall be submitted in the prescribed format enclosed (Refer **Annexure-C10 & Annexure-C15**).

20.2.5 The materials drawn if any by the party as "free issue materials" from NALCO should be reconciled. The reconciliation statement of free issue items / materials should be submitted to the EIC/MIC for certification to be submitted along with RA Bill. The final reconciliation statement should be submitted along with final bill for release of final payment.

21.0 ENERGY/WATER/GROUND/BUILDING PREMISES:

21.1 Provision of Power/Water/Land/Building to Contractor's Works.

21.1.1 Lump Sum Turn Key (LSTK) Contracts- Electricity charges shall be billed @ Rs.4.30 /KWH on meter reading. Water charges will be billed on monthly basis by Estate department, @ Rs. 150.00 per month or part thereof. Ground/Building Premises inside plant will be provided without any rent. However Building premises provided inside Township will be on chargeable basis as per Rent Circular.

21.1.2 Other than LSTK Contracts : If Electricity and Water is required for the work to be executed, it will be supplied by Nalco free of cost from any suitable point. The contractor shall have to make arrangements, at his own cost, for tapping and using the power/water so required as per advice EIC/MIC. Ground/Building Premises will be provided without any rent.

21.1.3 For availing Electrical energy, the contractor shall have to provide, at his own cost, a MCB (Miniature Circuit Breaker) at the point of power supply by Nalco. The MCB shall have to be of a suitable capacity as decided by Nalco's electrical authorities for the concerned area and shall have to be replaced, as and when warranted, on the grounds of changed power requirements or the MCB having been defective and/or damaged.

- 21.2 Power and Water Supply to Contractor's Establishment:** The following points shall be complied in addition to Nalco GCC Clause No. 2.3 for giving power supply to Contractors' Establishments:
- 21.2.1** Power and Water supply will be provided to the contractor to whom the permission has been granted by Estate Department to have establishment in the township/plant as per requirement. Ground/Building Premises inside plant will be provided without any rent. However Building premises provided inside Township will be on chargeable basis as per Rent Circular.
- 21.2.2** Contractor have to make all arrangements to receive power from designated panels by laying necessary cables and installing suitable distribution board. They have to apply to Estate department through the Engineer-in-Charge. The application will be made in prescribed format and a completion certificate by licensed electrical contractor will be enclosed. The representative of DGM (Elect) will inspect the installation and after getting their clearance, power supply will be charged. The individual establishments are to be maintained and managed by contractors as per IE rules.
- 21.2.3** At the time of charging of power supply, initial meter reading will be jointly noted by representatives of contractor, Estate Department and Electrical Department.
- 21.2.4** Every month, energy meter reading will be jointly taken by representatives of Estate Department and Electrical Department. Electricity Bill will be raised by Estate Department @ Rs.4.30 per KWH basing on the meter reading as per the prevailing rate. However, the rate is subject to revision time to time.
- 21.2.5** Water charges will be billed on monthly basis by Estate department, @ Rs. 150.00 per month or part thereof. However, the rate is subject to revision from time to time.
- 21.2.6** The contractor has to deposit Water & Electrical Charges on monthly basis. While processing any Final Bill relating to any work, the contractor has to submit clearance certificate from Estate Department covering period under Final Bill.
- 21.2.7** While processing final bill of the contractor they must enclose Disconnection Certificate from Estate Department for power/water supply connection or Certificate regarding Continuation of connection due to other valid contract with proper reference through concerned EIC & Estate Department.
- 21.2.8** The final bill will not be processed without compliance of the above. (Supporting document to be attached)
- 21.3** The contractor must dismantle the structure constructed by him for the purpose of office-cum-store on completion of the contract as per the provision of GCC clause no.2.4.2. If the same is not dismantled within two months of completion of contract, he will not be issued any tender paper or will not be allowed to participate in any tender. Besides with-holding of final bill, other penal action as per contract / Law as deemed fit may be initiated against the contractor.
- 21.4** Following penal actions shall be initiated against the unauthorized occupant;
- 21.4.1** Disconnection of power and water supply lines to be made,
- 21.4.2** Penal rent @ Rs.10,000/- per month Plus GST as applicable or part thereof towards the ground rent and 20 (twenty) times penal rent towards electricity and water charges shall be recovered,
- 21.4.3** Initiation of eviction proceedings in the Estate Court for outside Plant establishments

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22.0 QUANTITY & RATE:

- 22.1 The quantity & rate schedule format is enclosed at **Annexure-B4**. Bidders are required to quote their rates in figures as well as words in the enclosed **Annexure-B4** only. In case of any discrepancy between rate in figures, words and amount quoted by the bidder, the relevant provision of GCC will apply to resolve the matter.
- 22.2 The tenderers must quote their most reasonable and workable rate. Overall total evaluated price for all items of schedule of quantities shall be the basis for determining the reasonableness of price and gradations of the tenders. In case the offered price of the tenderer(s) is found to be abnormally low (un-workable), based on the rate approved by NALCO, the tenderer(s) may be asked to justify their quoted rates within ten days of issuance of letter to that effect through email. The bidder must provide written clarification including detail price analysis of its bid price in relation to Scope, Scheduled, allocation of risks and responsibility, and any other requirement of the bid documents. However, if after evaluating the price analysis, NALCO determines that, the bidder has substantially failed to demonstrate its capability to delivered the contracts at the offered price, then NALCO may reject the bid / proposal. NALCO also reserved the right to award the job without seeking clarification or receiving clarification from the bidder about the price reasonability. EMD of such tenderer, who refuses to justify their quoted rate shall be forfeited.
- 22.3 Bidder shall quote in figures and in words for the rates tendered by him in the “Quantity & Rate Schedule” (**Annexure-B4**) forming part of the documents, in such a way that misinterpretation is not possible. The amount for each item shall be worked out and entered in the requisite column for all items.
- 22.4 **Price bids must not contain any conditions stipulated by the bidders. Conditional price bids are liable for rejection.**
- 22.4.1 No discount over quoted rate / total amount should be mentioned separately in the offer.
- 22.4.2 No additional rate over quoted rate / total amount should be mentioned separately in the offer.
- 22.4.3 Bidders shall submit the details about engagement of Agents/ Middlemen/ Intermediary/ Consultants / Service Providers and payments proposed to them by the bidder and it should be a part of the present bid.
- 22.4.4 All corrections and alterations in the entries of tender document if any shall be signed in full by the bidder with date. No erasures and over writings are permissible.
- 22.4.5 Bidders are required to quote for all items of the “quantity and rate schedule” (**Annexure-B4**) otherwise the offer will be dealt as per rules of NALCO & may be rejected as an incomplete offer.
- 22.4.6 Bidders are required to quote their best prices considering the fact that price negotiation, if required, may be held with the lowest bidder only.
- 22.4.7 Bidders are required to quote their rates up to two decimal places only. Decimal digits beyond two will be rounded off to two decimals for evaluation/placement of order.
- 22.5 **Quantity Variation:**
- 22.5.1 **Item rate contracts:** The Quantities mentioned in the schedule are approximate in nature and may vary by a wide margin within the contract value for which the contractor shall have no option but to execute the works, as per direction of the Manager-in-charge at the same rates, terms & conditions of the order. NALCO may negotiate the rate of items whose execution quantities is considered for increase during their execution, which will be agreed mutually. Payment shall be released to the contractor for the actual executed quantity only.
- 22.5.2 **Lump sum/ Turnkey Contracts:** In case of Lump sum/ Turn key (LSTK). Adjustment to the contract value due to such change in scope of work shall be governed by the provisions of GCC.
- 22.6 **REVISED PRICE IMPLICATION:**
- 22.6.1 In case of necessity due to post tender changes in specifications / scope of work / terms & conditions of NIT etc. before price bid opening, corrigendum shall be issued regarding the changes to all concerned techno-commercially qualified bidders and they shall be permitted to submit the corresponding price implication if any in offline mode in sealed envelope by hand / password protected file through e-mail within a stipulated time.
- 22.6.2 The price implication submitted in offline mode by the bidders (Refer Clause 7.13 & 22.6.1) shall be opened and uploaded in GeM Portal before opening of original price bids. The evaluation will be done taking into account the original on-line price bid along with offline price implications.
- 22.6.3 In no case, bidder shall be allowed to submit revised price bid post bid submission date.

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23.0 QUALITY OF WORK:

- 23.1** The contractor shall execute the job under adequate supervision of experienced and qualified personnel in accordance with the best engineering practices and the specification laid down in the enclosed Annexures. NALCO may inspect the work any time without notice to the contractor and may order re-execution of sub-standard work reserving the right to recover compensation in terms of GCC.
- 23.2** Inspection and test procedure given in the relevant clauses of the contract or BIS codes or other codes in practices as specified in the Scope of work / Special Conditions of Contract should be strictly followed.
- 23.3** Contractor shall use instruments calibrated in a Laboratory, accredited to NABL / Laboratory approved by the manufacturer for measurements/tests/inspection.

24.0 SECURITY DEPOSIT:

- 24.1** On receipt of the order, the successful bidder shall deposit with NALCO an amount, equivalent to 10% of the order value as Security Deposit within 20 days from the Effective Date, mentioned in the Service Purchase Order/LOA/LOI.
- 24.2** Alternatively, successful bidder can deposit Initial Security Deposit amounting to 2.5% of the contract value, within 20 days from the Effective date, mentioned in the Service Purchase Order /LOA/LOI. In this case, the balance amount of the security deposit shall be recovered through deductions from RA bills in installments through deduction @ 10% from gross RA bill of contract value till total SD is collected.
- 24.3** In case the successful bidder fails to submit the ISD /SD, within scheduled date, the ISD amount along with a simple interest @12% per annum plus GST on interest amount, applicable from the schedule date till the date of submission of ISD or full recovery of ISD amount, shall be made starting from 1st RA bill.
- 24.4** The contractor can submit the initial SD or total SD in the form of either bank draft or bank guarantee from any NALCO approved bank in the prescribed format (Annexure-C14)
- 24.5** The Earnest Money Deposited, except in the form of BG along with the tender, if any shall be adjusted towards security deposit / as per clause no 19.4 of GCC.
- 24.6** The security deposit will be released along with release of final bill if there is no DLP or on successful completion of the DLP, with certification of Manager-in charge / Engineer-in charge. The vendor has to claim such refund along with Final Bill or within 15 days from the closure of DLP as the case may be.

25.0 TAXES & DUTIES:

25.1 GOODS & SERVICES TAX (GST)

- 25.1.1** The Rates indicated in Annexure-B4 are inclusive of all but exclusive of GST.
- 25.1.2** The contractor must provide GST No including copy of Registration Certificate.
- 25.1.3** The Trade Name in GST Certificate should match to the name in vendor code and name in the Cheque. The Legal name in the GST Certificate should match to Legal Name in the PAN. In case of a Company or a Firm all the names should be same. But in case of Sole Proprietorship, the Legal Name and Trade Name may be different.
- 25.1.4** The contractor should submit the GST Invoice as per the format Annexure-C9 providing HSN / SAC Code (first 6 digits) and GSTIN of both Vendor and Nalco in the form of Business to Business (B to B) transaction.
- 25.1.5** As per Rule-46 of GST Act, the Serial Number of Tax Invoice should be maximum up to 16 digits, and should be unique for a Financial Year.
- 25.1.6** As per Rule-47 of GST Act, time limit for issuing Tax Invoice is 30 days from the date of Supply of Service.
- 25.1.7** Payment of GST is subject to compliance as stated in Payment Terms.
- 25.1.8** The contractor shall be fully & solely responsible to the statutory authorities for compliance of all the provisions of GST and other statutory provisions applicable to this work as a service provider either already enacted or to be enacted from time to time during contractual period.
- 25.1.9** NALCO reserves the right to recover any penalty and Interest imposed on NALCO by the concerned statutory authorities due to non-fulfillment of GST compliance by the service provider.

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25.2 Anti-Profitteering Clause (Sec 171 of CGST Act) Applicable for Indian Bidders)

25.2.1 If any new Tax/Taxes is introduced on sale of goods/service. Either in lieu of existing tax/taxes or as separate tax/taxes, then the overall incidence of tax/taxes on the Vendor on account of its inputs and outputs wherever less than the incidence of existing taxes, then the Vendor shall pass on to Owner, the benefits thereof by way of commensurate reduction in the basic price w.r.t. Input Tax benefit and reduction in Tax chargeable to Nalco w.r.t. Output Tax benefits in connection with goods and/or services provided.

25.2.2 If on the other hand, the incidence of tax/taxes is in excess of the incidence of existing tax/taxes, the Owner on submission of satisfactory proof, shall reimburse the Vendor the additional incidence of tax provided they are within the contractual completion date.

25.2.3 The Vendor has to provide a declaration along with the Tender that they will abide by the requirements under CI 171 of CGST Act, 2017.

25.3 INCOME TAX:

25.3.1 The contractor must provide PAN including copy of Registration Certificate.

25.3.2 Income Tax TDS, as applicable at the prevailing rate on the gross amount billed shall be deducted from the contractor's bills.

25.3.3 The contractor shall be fully & solely responsible to the statutory authorities for compliance of all provisions applicable to this work as a service provider under Income Tax Act, already enacted or to be enacted from time to time during contractual period.

25.3.4 NALCO reserves the right to recover any penalty and interest imposed on NALCO by the concerned statutory authorities due to non-fulfillment of all provisions applicable to this work as a service provider under Income Tax Act, already enacted or to be enacted from time to time during contractual period.

25.4 CESS UNDER RE&CS ACT

Cess will be deducted as per Workers' (RE&CS) Act 1996 and as stated under payment terms.

25.5 ROYALTY CLEARANCE.

As per Mines and Minerals Act of Govt. of Orissa the contractor is required to pay royalty for various types of construction materials (minor minerals) used in the work. The royalty charges shall have to be deposited in the office of Tahsildar from whose jurisdiction the minerals have been lifted and submitted along with Final Bill.

26.0 BILLING & INVOICING:

26.1 Measurement of the work done, during a period, against a Contract is very much essential for correct accounting. This is more so necessary at the end of each financial year. Therefore the contractors are expected to stick to the periodic billing schedule as per the Order. The billing system followed in Nalco is called Running Account Bills (RA Bills) to be generated in prescribed format through ERP system based on measurement of work done during a period with certification by Contractor and approval by EIC/MIC. RA Bills will be sequentially numbered and the last RA Bill will be called nth RA & Final Bill.

26.2 Period of raising RA Bill and GST Invoice will normally be 1 month unless otherwise specified in Special Condition of Contract (**Annexure-B3**). GST Invoice amount should always match to RA Bill / Final Bill amount.

26.3 Vendor/Party categorised/designated as "specified person" under Section 206AB of Income Tax Act, 1961, shall be liable for TDS at higher rate as provide under the said section, by NALCO. So, Vendors/Contractors are advised to submit self-certified copies of Income Tax return (ITR) for each of the Two Previous Years for which due date for filling of ITR has expired, along with the Invoice/Bill so as to facilitate NALCO, verify the applicability of Section 206AB.

26.4 The RA Bill (in duplicate) will be accompanied by

26.4.1 Joint Measurement Sheet signed by Contractor & EIC/MIC.

26.4.2 R.A. Bill Form signed by Contractor & EIC/MIC.

26.4.3 Human Resource Dept. (HRD) Clearance (if applicable)

26.4.4 Safety Certificate in 1st RA Bill issued by Safety Dept

26.4.5 Any other document required by EIC/MIC or as per directive from statutory authorities.

26.4.6 Deviation statement once the executed value reaches 80% of the Order value.

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- 26.5 Similarly, in addition to above the Final Bill (in quadruplicate) will be accompanied by
- 26.5.1 Material Reconciliation Statement for Free Issue Material, (if applicable)
 - 26.5.2 Stores Issue Voucher, Stores Return Voucher, Material Transfer Voucher if any.
 - 26.5.3 No claim certificate duly signed by the contractor. (**Annexure-C28**)
 - 26.5.4 No due certificate from suggested by MIC. (**Annexure-C28**)
 - 26.5.5 Work Completion certificate from EIC/MIC. (**Annexure-C29**)
 - 26.5.6 Deviation Statement
 - 26.5.7 Handing over / taking over certificate (wherever applicable)
 - 26.5.8 Satisfactory commissioning protocol (wherever applicable)
 - 26.5.9 Royalty clearance certificate (wherever applicable)
 - 26.5.10 Electrical License (if required)
 - 26.5.11 Dismantling of Temp Structure, Disconnection of Water/Elect. & Clearance of Charges.
Note: - Certificates not applicable to a particular work will be certified by the MIC.
 - 26.5.12 Anti-Profitteering Declaration Format.
 - 26.5.13 As per Rule-47 of GST Act, time limit for issuing Tax Invoice is 30 days from the date of Supply of Service. Therefore RA/Final Bill must be submitted within 15 days from the end of the billing period. Any delay more than 30 days from Completion of Work will be considered as a failure in contractual terms and the contract may be closed ex-parte on the basis of certification of measurement and amount payable/recoverable considering all recoveries into account by the EIC/MIC. Decision of EIC/MIC shall be final & binding on the contractor. Besides above, the contractor may be treated as dormant or non-responsive and may affect assignment of further business to the vendor.

27.0 PAYMENT TERMS:

- 27.1 The contractor will complete the measurement of work done for the billing period in consultation with EIC/MIC. They will process the RA Bill along with necessary documents as defined under "Billing & Invoicing" for release of payment. It will be processed for release of payment after deductions in compliance to different statutes and retentions as recommended by EIC/MIC. Amount payable will be subjected to further adjustments against outstanding receivables against the vendor if any. The net amount will be paid online through RTGS/NEFT/IMPS/Internet Banking or any other online facility provided by our banker. Charges if any levied by respective banks, is to be borne by respective parties.
- 27.2 If the contract value is Rs.20,000/- or less, full and final bill will be admitted.
- 27.3 Payment against RA Bill will be considered only when the remaining period of the contract is not less than Billing Period defined in the contract or the remaining value of contract is not less than average periodic value executed up to previous RA Bill. In case the remaining period of contract is less than the billing period or the remaining value of contract is not less than average periodic value executed up to previous RA Bill, specific declarations that "Final Bill will be submitted in time" will be sought from the contractor with certification by EIC/MIC before processing of RA Bill.
- 27.4 On award of the contract to the successful bidder, it becomes mandatory by the bidder to enclose a deviation statement with RA bill once the executed value of the work has reached 80% of the awarded value.
- 27.5 In case of Lump sum / Turnkey contract, the payment shall be released according to approved Billing schedule and Payment Terms specified in special conditions of contract.
- 27.6 Payment of GST is subject to reflection of the party's invoice in GSTR 2A/Anx-2 (GST new return) of NALCO. If the vendor fails to comply for two consecutive periods against one order, no further payment will be released till compliance is made by 'FILLING' up to last period. If a vendor submits proof of filing GSTR1 duly authenticated by Vendor on the Main page containing Nalco's GSTIN with 'FILLED' status and detail list of invoices generated from their GST login, for Invoices already paid by Nalco, then basic amount of subsequent Invoices may be released. However, GST withheld will be released after checking of GSTR2A.
- 27.7 GST TDS as applicable at the prevailing rate on the gross amount billed shall be deducted from the contractor's bill.

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- 27.8 Cess will be deducted from Gross bill value as per Building and Other Construction Workers' (RE&CS) Act 1996 for Township construction contracts. (construction, alteration, repairs, maintenance, demolition in relation to buildings, streets, roads, drainage, electrification, distribution of power, water works, communication works etc.)
- 27.9 Payment against Final Bill will not be released if royalty clearance certificate as stated under Royalty Clearance is not submitted by the vendor.
- 27.10 **Mobilisation Advance: Not applicable for this contract.**
- 27.10.1 The Rate of Interest applicable on Mobilisation Advance shall be made variable instead of fixed for entire tenure of contract, as prevailing at present.
- 27.10.2 The Rate of Interest applicable on balance amount of Mobilisation Advance, applicable for the financial year shall be fixed to MCLR (1-year-tenor) or SBI declared in the month of April of that financial year plus 1%.

28.0 PRICE VARIATION FOR LABOUR:

- 28.1 **Price variation for Labor (Wherever applicable):** On subsequent revision of applicable minimum wages to be notified by NALCO from time to time the differential wage and associated components will be reimbursed based on actual payment to workmen, excluding OT amount and Administrative Charges on production of documentary proof to HR Dept regarding payment through bank.

29.0 PRICE VARIATION FOR FUEL

Price variation on Fuel is normally not allowed. If price variation on Fuel is applicable it will be regulated as per the Special Conditions of Contract (**Annexure-B3**).

30.0 DEFECT LIABILITY PERIOD (DLP):

- 30.1 The DLP shall be governed by the detailed terms and conditions stipulated in clause 65 and 68 of GCC. The defect liability period shall be reckoned from the date of completion of the contract period for supply and workmanship unless mentioned otherwise in Scope of Work / Special Condition of Contract. Duration of DLP is mentioned at Sl. No. 9 of F-02 form of contract details, **Annexure-B1**.

30.2 DLP for SPECIALISED WORKS:

- 30.2.1 Water proofing (Below or above ground) and Roof treatment works -10 YEARS
- 30.2.2 Post construction Anti-termite treatment - 5 YEARS
- 30.2.3 Weather proof Paint works - 4 YEARS

- 30.3 In some cases appropriate DLP can be considered depending upon the nature of the job.

31.0 CONTRACTOR'S OBLIGATIONS AND PENALTY FOR NON-COMPLIANCE: The contractor shall abide by the following obligations during execution of contract against deployment of contract labours.

- 31.1 If found suitable, Preference for engagement of labourers under NALCO's contractors establishment may be given to the land affected persons.
- 31.2 The Contractor shall not engage any contract labour having unsound mind, criminal record, and poor health or having record not suitable from security point of view to NALCO.
- 31.3 The contractor has to ensure that no contract labour should enter the plant/work premises without valid photo pass.
- 31.4 The contractor shall ensure that no contract labour should leave the work place/plant before time without authorization/gate pass/ permission of the representative of contractor, to check frequent entry/exit, which may also cause security/administrative inconvenience.
- 31.5 The disputes of the Contractor's labourers are to be settled by individual contractor. In no case NALCO, as the Principal Employer will enter into the matter except witnessing the proceedings, if required by the Statutory Authorities.
- 31.6 The contractor shall have valid labour license during the execution of the contract, wherever applicable. The contractor shall not engage child labourers, in compliance to statutory requirement.
- 31.7 PF & ESI A/c Codes: The contractor must possess independent Account Codes from the concerned Regional Provident Fund Commissioner for PF and also independent Account Code from the concerned Regional Director, ESIC for ESI, as applicable.

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32.0 RECOVERY TOWARDS COMPENSATION FOR DELAY:

- 32.1 Repetitive O&M Contracts** – Recovery towards compensation for delay shall not be applicable for this type of contract, unless otherwise mentioned separately in Special Conditions of Contract (**Annexure-B3**).
- 32.2 Other Contracts-** Recovery towards compensation for delay shall be applicable for this type of contract. In case the contractor fails to complete the work within the stipulated period, the contractor shall be liable for a penalty @ 1% (one) of the contract value per week of delay subject to a maximum of 10% (Ten) of the value of the contract, unless otherwise mentioned separately in the Special conditions of contract. (**Annexure-B3**). GST as applicable shall also be recovered.

33.0 BLACKLISTING/BANNING/SUSPENSION/DELISTING OF BUSINESS/HOLIDAY LIST

- 33.1 Blacklisting :** Blacklisting of any agency/ firm/ contractor working with the Company may be resorted to in following cases:
- 33.1.1** If the Proprietor or Partner or Director of the Firm is convicted by a Court of Law, following prosecution under the normal process of Law for an offence involving moral turpitude in relations to business dealings;
- 33.1.2** If security considerations including the question of loyalty to the State warrant as per recommendations of Ministry of Home Affairs.
- 33.1.3** If there is justification for believing that the Proprietor or Partner or Director (or Employee) of the Firm has been guilty of malpractices such as bribery, corruption, cheating, fraud, substitution of bid or theft or any other illegal activities while carrying out the work etc.
- 33.1.4** If the Firm refuses/fails to return the Company's dues without adequate cause;
- 33.1.5** If the Firm is blacklisted by any Department of the Central Government/ State Government.
- 33.1.6** If the Firm is a confirmed evader of Central / State taxes/duties for which NALCO has received notice from the concerned department of Central / State Govt.
- 33.1.7** Misbehavior/ threatening of departmental supervisory staff during work execution.
- 33.1.8** Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.
- 33.1.9** Persistent & intentional violation of important conditions of contract.
- 33.1.10** Submission of false/ fabricated/ forged documents for consideration of a bid.
- 33.1.11** If declared bankrupt or insolvent.
- 33.2 Banning:** In case where the conduct of the firm is not serious enough to merit blacklisting but removing the name from the registered vendors of NALCO is justified in the interest of the company, the firm/company shall be banned from doing business with NALCO for a period up to 3 years but not less than one year. The reasons for banning are listed below. This list is illustrative only and not exhaustive.
- 33.2.1** Any failure to execute the contract satisfactorily.
- 33.2.2** Offence except criminal, such as moral turpitude, fraud, theft, unlawful activities within the premises of the company (Plant or Township) by the contractor or their workmen.
- 33.2.3** Defaults such as failing in disbursements of wages of the workmen/contract labourers in time at least twice in a contract period.
- 33.2.4** Submission of false declaration / documents in the offer.
- 33.2.5** Misconduct / misbehavior of the contractor or any of the workers engaged by them.
- 33.2.6** Non-compliance of environment, safety and health requirements including use of proper PPEs.

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- 33.3 Suspension of Business:** Temporary Suspension of business may be ordered without any notice, where full enquiry into the allegation is pending and may entail the blacklisting of the firm/ party/ contractor, if the allegation is proved.
- 33.4 Delisting from Vendor List against all Contracts:**
- 33.4.1** Party's performance is being evaluated half yearly through online assessment system by the respective Managers-in-Charges for the works being executed at site / at party's premises.
- 33.4.2** Half-yearly assessment ratings are reviewed and the contractors are reminded for improvement in next assessment period if their performance rating is poor.
- 33.4.3** If two consecutive Six-monthly assessments of a contract are Very poor in a single evaluation / Safety & Environmental requirements compliance is not O.K. / SA 8000:2008 Compliance is not OK, then the concerned Vendor will be delisted for one year for that particular job subject to approval by Competent Authority of NALCO and the vendor will be intimated through a letter.
- 33.4.4** The delisted Vendor may be re-enlisted upon the request of the Vendor on completion of the de-listment period and subsequent approval by Competent Authority of NALCO.
- 33.4.5** If any vendor is Black-listed / Banned by any units of NALCO, the Vendor will also be delisted.
- 33.4.6** In case the performance of the vendor is found to be unsatisfactory by the Manager-in-charge, the vendor may not be considered in future tender for similar jobs.
- 33.5** Holiday List: In case the bidder does not participate in three consecutive bids, the bidder will be put under holiday list for a period of one year.
- 33.6** NALCO will issue show-cause notice giving 15 days' time to the contractor to respond the same in cases of debarring/ blacklisting/ banning/ suspension of business with the party.
- 33.7** **If any varying of conflicting situation arises in any of the document forming part of the Contract, NALCO's decision with regard to intention/interpretation of the document and the decision shall be final and binding on the parties.**

34.0 TERMINATION OF CONTRACT:

- 34.1** If the performance is found unsatisfactory during the period of contract, the contract will be terminated with short notice of 15 days and the same shall be carried out by any other agency at the risk & cost of the contractor. Other penal actions such as forfeiture of Security Deposit and debarring the contractor for participating in future tenders of NALCO may also be taken as per clause no. given in this **Annexure-A1**.
- 34.2** If the Government of India or any Statutory Authority/empowered to do so, decides/directs to terminate the Contract, the contract shall be terminated without any notice and for that contractor shall not be entitled to any claim such as extra claim, loss, loss of profit etc. against NALCO. The settlement of the dues of contractor shall be done on the basis of execution of actual work in accordance with the terms & conditions of contract.
- 34.3** Short Closure of Contract: NALCO reserves the right to short close the contract by serving 15 days' notice to the contractor, when either of the contract value is executed or the assigned BOQ quantity is exhausted. The decision of NALCO in this regard shall be final & binding on the contractor.

35.0 ARBITRATION:

The clause No.87 of General Conditions of contract shall be applicable in case of any dispute or difference whatsoever, which may arise at any point of time. Subject to all other provisions contained in clause 87 of GCC, the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rule made there under, and for the time being in force shall apply to the arbitration proceeding under this clause. In addition to the above, OM of Department of Expenditure-Procurement Policy Division Ref: F.1/2/2024-PPD, Dt.03.06.2024 shall be applicable.

36.0 CONTRACT CLOSURE:

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36.1 Completion of work assigned through the contract within contractual period is both a contractual obligation and legal obligation on both the parties to the contract i.e. Contractor and Nalco. Closure of contract is achieved in stages through contractual terms or through mutual agreement/settlement. Submission of Final Bill is the 1st stage of closure. Successful completion of Defect Liability Period and Performance Guarantee Period is the 2nd Stage of closure. Settlement of all outstanding payables and receivables is the 3rd stage of closure.

36.2 It will be the responsibility of the Contractor in all three stages to lodge necessary claims with EIC/MIC and settle it as follows.

36.2.1 1st stage - Submission of Final Bill, and Performance Guarantee Bond (PGB) maximum within 3 months from the end date of contract period.

36.2.2 2nd stage - Submission of Claim letter for release of SD/PBG maximum within 15 days from the date of closure of Guarantee/DLP.

36.2.3 3rd stage - Settlement of all outstanding relating to the Contract, before release of Contract Completion Certificate (**Annexure-C29**) by EIC/MIC with concurrence of Finance regarding Contract Execution Value.

37.0 Energy Management System (ISO 50,001) Requirement:

38.0 Mandatory guidelines for saving any form of energy:-

Energy is lifeline of an Organization and SMELTER / CPP, NALCO is implementing Energy Management Systems (EnMS) – ISO 50001 in all activities. The contractual service providers are advised to train his workmen for practicing the following “Dos & Don'ts” while executing the assigned work at site.

WHAT TO DO?	WHAT NOT TO DO?
1. Use compressed air for instrument cleaning if advised by NALCO	1. Never open any compressed air for body / dress/ vehicle cleaning.
2. Close water line valves if they are in open condition	2. Never allow any water line in open condition.
3. Use water for instrument equipment cleaning if advised by NALCO	3. Never use any water line of the plant for cleaning of bicycles / vehicles.
4. Use LPG for cooking if at all required	4. Never use any electrical heater for cooking or room heating.
5. Switch off lights/ fans in day time when not required	5. Never waste electricity in any way.
6. Touch only that part of equipment for which you are authorized by the Engr. I/C	6. Never touch any isolators / switches of any equipment.
7. Handle coke, pitch, oil (FO, HSD, LDO) & LPG with due care as they are costly.	7. Never waste any quantity coke, pitch, oil (FO, HSD, LDO) & LPG a drop of any types of oil.

39.0 The Energy Policy of NALCO is attached. The Service Provider needs to comply all the requirements of the Policy in consultation with the Manager-in-Charge of the contract.

40.0 Owner's Right to Accept or Reject a Bid: A bidder may seek clarification regarding the bidding document provisions, bidding process and / or rejection of his bid. NALCO/Consultant shall respond to such queries within a reasonable time.

ANNEXURE-A2

SAFETY GUIDELINES**Special Terms and Conditions of the Contract against Electrical Safety**

- 1- The Contractor shall ensure proper safety of all the workmen, materials, and equipments belonging to him or to NALCO or to others, working at the site. The Contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislations and the Engineer as he may deem necessary.
- 2- All equipments used by Contractor shall meet Indian/ International Standards and where such standards do not exist, the Contractor shall ensure these to be absolutely safe. All equipments shall be strictly operated and maintained by the Contractor in accordance with manufacturer's operation Manual and safety instructions and as per Guidelines / Rules of NALCO in this regard.
- 3- Periodical Examinations and all tests for all lifting/hosting equipment & tackles used by the contractor shall be carried out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 1910 and associated Laws/Rules in force from time to time. A register of such examinations and tests shall be properly maintained by the contractor and will be promptly produced as and when desired by Engineer or by the person authorized by him.
- 4- The Contractor shall provide suitable safety equipment of prescribed standard to all employees and workman according to the need, as may be directed by Engineer who will also have right to examine these safety equipments to determine their suitability, reliability, acceptability and adaptability. The Contractor shall provide safe working conditions to all workmen and employees at the Site including safe means of access, railings, ladders, scaffoldings etc. The scaffoldings shall be erected under the control and Supervision of an experienced and competent person. For erection, good and standard quality of material only shall be used by the Contractor.
- 5- The Contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the Owner or other contractors under any circumstances, whatsoever, unless expressly, permitted in writing by NALCO to handle such fuses, wiring or electrical equipment.
- 6- Before the Contractor connects any electrical appliances to any plug or socket belonging to the other Contractor or Owner, he shall :
 - a) Satisfy the Engineer that the appliances are in good working condition.
 - b) Inform the Engineer of the maximum current rating, voltage and phases of the appliances.
 - c) Obtain permission of the Engineer detailing the sockets to which the appliances may be connected.
- 7- No work shall be carried out on any live equipment unless otherwise the equipment is declared safe by the Engineer and a permit to work shall be issued by the Engineer. The Contractor before any repair work is carried out on electric lines/equipments whether live or dead shall provide suitable type and sufficient quantity of tools to electricians/ workman etc.
- 8- In case of any accident during the activities undertaken by the Contractor thereby causing any minor or major or fatal injury to his employees due to any reason, whatsoever, it shall be the responsibility of the Contractor to promptly inform the same to NALCO's Engineer and also to all the authorities envisaged under the applicable laws.
- 9- The Contractor shall follow and comply with all NALCO Safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservation. In case of any unconformity between statutory requirement and NALCO Safety Rules referred above, the later shall be binding on the contractor unless the statutory provisions are more stringent.

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- 10- The Contractors shall provide suitable latest Personal Protective Equipments of prescribed standard to all their employees and workmen according to the need. The Engineer I/c shall have the right to examine these safety equipments to determine their suitability, reliability, acceptability and adaptability. The contractor should also ensure these before their use at worksite.
- 11- Wherever the workers are exposed to the hazards of falling from height, the contractor shall provide full harness safety belts fitted with fall arresting systems to all the employees working at higher elevations and life line wire rope with turn buckles for anchoring the safety belts while working or moving at higher elevations. Safety nets shall also be provided for saving them from fall from heights and such equipment should be in accordance with BIS standards. The contractor must get a permit to work at height from the Engineer-in-Charge before starting the job.
- 12- The contractor should ensure that all electrical installations at the site comply with the requirements of latest electricity acts / rules.
- 13- The contractor shall take all adequate measures to prevent any worker from coming into physical contact with any electrical equipment or apparatus, machines or live electrical circuits which may cause electrical hazards during the work. The contractor shall provide the sufficient ELCBs / RCCBs for all the portable equipments, electrical switchboards, distribution panels etc. to be used by him to prevent electrical shocks to the workmen.
- 14- In case of fire in electrical installations, all electrical supplies are to be disconnected first to the affected system. Fire-fighting at the initial stage may be initiated with the CO2, Dry Powder etc. Water will never be sprinkled onto live electrical system.
- 15- Before starting any job the Contractor will be responsible for the following -
 - a. Ensuring safe components/equipments are used.
 - b. Providing earth leakage circuit breakers on all electrically operated power tools/equipments.
 - c. Inspecting power tools before use and ensuring defective tools are discarded.
 - d. Using 3 core cable and 3 pin plugs for all portable tools and ensuring its earthing.
 - e. Authorized electrician is only attending all electrical job as per latest Electrical Rules & CEA guide lines.
 - f. Ensuring double earthing to all equipments.
 - g. Ensuring all the electrical system is as per Indian Electricity Rules.
 - h. Disconnecting and removing all unwanted cables and wires from electrical system.
 - i. Identification Marks and Numbers are clearly being marked on all electrical distribution boards, switchboards etc. used by the Contractor.
 - j. All electrical system components being protected against damage.
 - k. All electrical joints are being tested to meet the standards.
 - l. Hand lamps are providing with suitable guards.
 - m. Providing personal protective equipments including electrical safety shoes, rubber gloves etc. as per the enclosed PPE matrix.
 - n. Ensuring unauthorized person shall not have access to electrical system.
 - o. Protecting all live parts.
 - p. Ensuring all fuses are replaced with actual current rating.

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ANNEXURE-A3

LIST OF PPEs TO BE ISSUED TO ALL THE CONTRACTUAL EMPLOYEES BY THE CONTRACTOR FOR USE DURING THE EXECUTION OF JOB AT SITE.
(PPE MATRIX)

PARTS TO BE PROTECTED	PERSONAL PROTECTIVE EQUIPMENT	PROTECTION AGAINST	REMARKS
HEAD	INDUSTRIAL SAFETY HELMET (IS:2925-1975) & subsequent revision thereof, if any.	FALLING OBJECTS	
EYE	ZERO POWER GOGGLES WITH SIDE FILTER PROTECTION	EYE INJURY DUE TO FLYING OBJECTS. INJURY DUE TO SPARKS AND FLAMES.	
EAR	A) EAR PLUG (FOAM) B) EAR MUFF	HEARING LOSS IN HIGH NOISE AREAS	
RESPIRATORY SYSTEM	DUST RESPIRATOR WITH FILTER/ NOSE MASK FILTER	INHALATION OF HARMFUL DUST.	
BODY	SAFETY BELT, ARC FLASH SUIT	FALL FROM HEIGHT, ELECTRICAL FLASH OVER.	
HAND	ELECTRICALLY TESTED ELECTRICAL RESISTANT HAND GLOVES WITH CERTIFICATE (IS: 4770-1968) & subsequent revision thereof, if any.	ELECTRIC SHOCK	
FOOT	A) INDUSTRIAL SAFETY SHOE WITHOUT STEEL TOE. B) GUM BOOT	A) ELECTRICAL SHOCK B) CABLE GALLERIES, MUDDY AREAS ETC.	

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PPE MATRIX (CPP/SMELTER PLANT)

Major activity	Safety Shoe	Safety Helmet	Safety Goggles	Hand Gloves	Face Shields	Safety Belt	Dust control mask	Ear plugs/muffs	Personal alert alarm	Crawl board	SCBA sets
Working at height	Y	Y	Y	Y	NR	Y	Y	Y	NR	NR	NR
Excavation/earth work	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Working in noisy area	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Working in dusty area	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Coal compaction/handling	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Sand blasting	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Riveting	Y	Y	Y	Y	NR	NR	Y	Y	NR	NR	NR
Chlorine gas leakage attending	Y	Y	Y	Y	Y	NR	NR	NR	NR	NR	Y
Working on fragile roof	Y	Y	Y	Y	NR	Y	Y	Y	NR	Y	NR
Electrical panel checking	Y	Y	Y	Y TESTED RUBBER HANDGLOVES	NR	NR	Y	Y	NR	NR	NR
Gas Storage shed checking	Y	Y	Y	Y	Y	NR	Y	Y	NR	NR	NR
Confined space checking	Y	Y	Y	Y	NR	Y	Y	Y	Y	NR	Y

Note : Y – yes, NR : not required, SCBA : self-contained breathing apparatus, PPE : personal protective equipment.

PPEs shall be selected depending on combination of job and site conditions.

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AREA WISE / JOB WISE PPE REQUIREMENTS SMELTER PLANT

<p>1 CARBON AREA</p> <ol style="list-style-type: none"> Industrial Safety Shoes with 4" ankle height as per IS 15298 Part 2-2002 OR its equivalent. For Bake Oven area Industrial Safety Shoes with 4" ankle height having Nitrile sole as per IS 15298 Part-II -2002 or its equivalent. Ladies Industrial Safety Shoes low ankle as per IS 15298:2011 or its equivalent. Safety Helmet as per IS 2925:1984, material-HDPE. Full body harness as per IS 3521 or its equivalent. Cotton / Leather Hand Gloves as per latest IS mark or its equivalent Dust / Mist Respirator shall be FFP2 SL Class as per IS: 9473-2002 or its equivalent. Apron (Pin repair Shop) Head Cover & Apron (Coke & Pitch handling area) Pitch / Fume respirator as per IS 14166:1994 or its equivalent. Safety Helmet with visor as per latest IS or its equivalent {for induction furnace & ladle cleaning of RS (O)}. Safety goggle with blue glass as per latest IS or its equivalent {for induction furnace & ladle cleaning of RS (O)} Special nose mask against fumes & odour as per latest IS or its equivalent for Baking Furnace. 	<p>5 POT LINE (Mechanical & Operation)</p> <ol style="list-style-type: none"> Industrial Safety Shoes with 4" ankle height as per IS 15298 Part 2-2002 or its equivalent. Ladies Industrial Safety Shoes low ankle as per IS 15298:2011 or its equivalent. Safety Helmet as per IS 2925:1984, material HDPE. Safety Goggles as per IS 5983 or its equivalent. HF Nose Mask shall be FFP2 SL as per IS 9473-2001 or its equivalent. Cotton / Leather Hand Gloves as per latest IS mark or its equivalent. Safety helmet with visor as per latest IS or its equivalent. Ear Plug / Muff as per latest IS or its equivalent. Apron, Leg Guard as per latest IS or its equivalent. Full body harness as per IS 3521 or its equivalent
<p>2 CIVIL WORK</p> <ol style="list-style-type: none"> Protective Footwear as per latest IS mark or its equivalent (Ladies & Gents). Safety Helmet as per IS 2925:1984, material HDPE. Dust / Mist Respirator shall be FFP2 SL class as per IS: 9473-2002 or its equivalent. Hand Gloves Full body harness as per IS 3521 or its equivalent Safety Net as per latest IS mark. 	<p>6 HORTICULTURE WORK</p> <ol style="list-style-type: none"> Protective Footwear as per latest IS mark or its equivalent (Ladies & Gents). Safety Helmet as per IS 2925:1984, material HDPE Safety Goggles as per IS 5983. Dust / Mist Respirator shall be FFP2 SL class as per IS:9473-2002 Cotton Hand Gloves & Rubber Hand Gloves as per latest IS mark. Organic vapor nose mask as per latest IS mark or its equivalent. Full body harness as per IS 3521 or its equivalent
<p>3 CAST HOUSE (Mechanical & Operation) & Rolling Plant</p> <ol style="list-style-type: none"> Industrial Safety Shoes with 4" ankle height as per IS 15298 Part 2-2002 or its equivalent. Ladies Industrial Safety Shoes low ankle as per IS 15298:2011 or its equivalent Safety Helmet as per IS 2925:1984, material HDPE Safety Goggles as per IS 5983 or its equivalent. Cotton / Leather Hand Gloves Dust / Mist Respirator Leather Leg Guard Helmet with Visor (Skimming Area) Apron (Direct Sow Casting Area & Ingot Skimming Station) Ear Plug / Muff (Billet Casting Area) of latest IS mark. Full body harness as per IS 3521 or its equivalent Safety helmet with visor as per latest IS or its equivalent 	<p>7 MISCELLANEOUS WORK MES, CRS, CENTRAL STORES, LAB, UTILITY & DESPATCH, FINANCE, PLANT HRD & ADMINISTRATION.</p> <p>Safety Helmet as per IS 2925:1984, material HDPE</p> <ol style="list-style-type: none"> Industrial Safety Shoes as per IS 15298 Part 2-2002/ or its equivalent/Protective Footwear as per latest IS mark or its equivalent (Ladies & Gents). Safety Goggles as per IS 5983. Cotton / Leather Hand Gloves Ear muff/Ear plug (Utility) of latest IS mark or its equivalent. Dust / Mist Respirator shall be FFP2 SL class as per IS: 9473-2002. Rubber / Surgical hand gloves (for acid / alkali use and at the time of chemical analysis) Lab. Full body harness as per IS 3521 or its equivalent Safety helmet with visor as per latest IS or its equivalent
<p>4 ELECTRICAL WORKS</p> <ol style="list-style-type: none"> Industrial Safety Shoes with 4" ankle height as per IS 15298 or its equivalent. Ladies Industrial Safety Shoes low ankle as per IS 15298:2011 or its equivalent. Safety Helmet as per IS 2925:1984, material HDPE or its equivalent Safety Goggles of latest IS mark or its equivalent. Rubber Hand Gloves (for 6.6 / 11 KV test) as per latest IS or its equivalent. Dust / Mist Respirator of latest IS mark or its equivalent. Full body harness as per IS 3521 or its equivalent. 	

Note: 1. The PPEs issued must confirm to latest IS / DGMS approved or its equivalent standard.
2. In case of damage of any PPE of workmen the same shall be replaced by the contractor irrespective of the time of use.

3. Frequency of issue

Sl	Item	Frequency of issue
1	Industrial Safety Shoe	1 pair per year.
2	Safety Helmet	1 No per 2 yrs.
3	Safety Goggles	1 No per year
4	Nose mask	4 Nos per month
5	Cotton hand gloves	3 pairs per month

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PPE REQUIREMENTS IN VARIOUS AREAS OF CPP

1.	<p><u>MECHANICAL AREA</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per IS 15298 Part-II-2002 or its equivalent. (ii) Safety Helmet as per IS 2925:1984, material-HDPE or ABS. (iii) Full body harness as per IS 3521 or its equivalent. (iv) Cotton/Leather Hand Gloves as per latest IS mark or its equivalent. (v) Dust/Mist Respirator shall be FFP2 SL Class as per IS:9473-2002 or its equivalent. (vi) Safety goggles as pr latest IS or its equivalent. (vii) Boiler Suit/Apron. 	6.	<p><u>POWER HOUSE OPERATION:</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per IS 15298 Part-II-2002 or its equivalent. (ii) Safety Helmet as per IS 2925:1984, material-HDPE or its equivalent. (iii) Safety Goggles as per IS 5983 or its equivalent. (iv) HF Nose Mask shall be FFP2 SL as per IS 9473-2001 or its equivalent (v) Cotton Leather Hand Gloves as per latest IS mark or its equivalent. (vi) Ear Plug/Muff as per latest IS or its equivalent. (vii) Gum boot (viii) Boiler suit / apron
2.	<p><u>CIVIL WORK</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per IS 15298 mark. (ii) Safety Helmet as per IS 2925:1984, material –HDPE or ABS. (iii) Dust/Mist Respirator shall be FFP2 SL Class as per IS:9473-2002 or its equivalent. (iv) Hand Gloves (v) Full body harness as per IS 3521 or its equivalent. (vi) Safety Net as per latest IS mark. (vii) Gum Boot depending on job requirement (viii) Safety Goggles 	7.	<p><u>HORTICULTURE WORK</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per 15298 (ii) Safety Helmet as per IS 2925:1984, material HDPE (iii) Safety Goggles as per IS 5983. (iv) Dust/Mist Respirator shall be FFP2 SL Class as per IS:9473-2002. (v) Cotton Hand Gloves & Rubber Hand Gloves as per latest IS mark. (vi) Full body harness as per IS 3521 or its equivalent.
3.	<p><u>CHP WORK</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes with as per IS 15298 Part-II-2002 or its equivalent. (ii) Safety Helmet as per IS 2925:1984, material-HDPE. (iii) Safety Goggles as per IS 5983 or its equivalent. (iv) Cotton/Leather Hand Gloves. (v) Dust/Mist Respirator (vi) Ear Plug/Muff of latest IS mark. (vii) Full body harness as per IS 3521 or its equivalent. (viii) Special nose mask for coal dust. (ix) Gum Boot depending on job requirement. (x) Full body Apron. 	8.	<p><u>MISCELLANEOUS WORK AREAS:</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per 15298 (ii) Safety Helmet as per IS 2925:1984, material HDPE (iii) Safety Goggles as per IS 5983. (iv) Cotton/Leather Hand Gloves (v) Ear Muff/Ear Plug (Utility) of latest IS mark or its equivalent. (vi) Dust/Mist Respirator shall be FFP2 SL class as per IS: 9473-2002. (vii) Rubber/Surgical Hand Gloves (for acid/alkali use and at the time of chemical analysis) Lab. (viii) Full body harness as per IS 3521 or its equivalent.
4.	<p><u>ELECTRICAL WORKS:</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per IS 15298 Part-II-2002 or its equivalent. (ii) Safety Helmet as per IS 2925:1984, material-HDPE or its equivalent. (iii) Rubber Hand Gloves as per latest IS or its equivalent. (iv) Dust/ Mist Respirator of latest IS mark or its equivalent. (v) Full body harness as per IS 3521 or its equivalent. (vi) Arc flash suit / apron / jacket. (vii) Safety Goggles 		
5.	<p><u>DM Plant & Water Treatment Plant:</u></p> <ul style="list-style-type: none"> (i) Industrial Safety Shoes as per IS 15298 Part-II-2002 or its equivalent. (ii) Safety Helmet as per IS 2925:1984aterial-HDPE or AQBS. (iii) Hand Gloves for chemical handling as per latest IS or its equivalent. (iv) Dust/ Mist Respirator of latest IS mark or its equivalent. (v) Full body harness as per IS 3521 or its equivalent. (vi) Acid / Alkali suit / apron / jacket. (vii) Safety Goggles 		

** For scaffolding / Temporary platform preparation, only MS Pipes / angles are allowed.

Note:

1. The PPEs issued must confirm to latest IS/DGMS approved or its equivalent standard.
2. In case of damage of any PPE of any PPE of workmen the same shall be replaced by the contractor irrespective of the time of use.
3. Frequency of issue:

Sl. No.	Item	Frequency of issue
1	Industrial Safety Shoe	1/Year
2	Safety Helmet	½ Year
3	Safety Goggles	½ Year
4	Nose Mask	4/Month
5	Cotton Gloves	3/Month

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ANNEXURE-A4**ENVIRONMENTAL POLICY (CAPTIVE POWER PLANT)**

The Captive Power Plant, NALCO located at Angul, Orissa, generating coal based thermal power, being committed to the Corporate Environmental Policy of the Company, further resolves to minimize the pollution and protect the environment in the impact zone of its operation.

OBJECTIVES SPECIFIC TO CAPTIVE POWER PLANT:

- To achieve continual improvement in use of natural resources.
- To reduce, contain and treat all effluents and emissions of the plant harmful to the environment.
- To take special care in minimizing emission of fly ash and its safe disposal including continual effort for agricultural use of fly ash.
- To reduce dust level in the coal and ash handling areas.
- To create and conserve green belt in and around the plant.
- To create awareness and concern for the environment among the employees and persons working on behalf of the organization.

COMMITMENT:

We, the employees of Captive Power Plant of NALCO commit ourselves for prevention of pollution, continual improvement of the environment. We also resolve to comply with all legal & other requirements on environment applicable to our organization.

S/d
Executive Director (S&P), NALCO

ENVIRONMENTAL POLICY (SMELTER PLANT)

In recognition of 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.
- To develop employees awareness on environmental responsibilities and encourage adherence to sound environmental practices.
- To work closely with Government & local authorities to prevent or minimise adverse consequences of the industrial activities on the environment.
- To comply with all applicable laws governing environmental protection through appropriate mechanisms.
- To actively participate in social welfare and environmental development activities of the locality around its Units.

COMMITMENT:

We dedicate ourselves to ensure a green and wholesome environment in all areas of our operations for sustainable industrial growth and to set standards in environmental management.

S/d
Executive Director (S&P), NALCO

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ANNEXURE-A5**OCCUPATION 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.

22.10.2015
BhubaneswarSd/-
Chairman-cum-Managing Director**QUALITY POLICY**

Quality will form the core of our business philosophy. Meeting the needs and expectations of the customer and consistently improving our systems and work ethos will be our chosen path in achieving excellence in business and fulfilling our social obligations.

Guiding Principles

- ✚ To ensure a Healthy Return on investment by maximizing Operational Efficiency, Capacity Utilization and Productivity.
- ✚ To continually improve and redesign systems, Processes and Practices in order to ensure Error Prevention and improve Response Time.
- ✚ To adopt Internal Customer Focus as a means to External Customer Satisfaction.
- ✚ To treat Human Resource as the key to Quality Excellence and ensure Development, Involvement and Satisfaction of Employees.
- ✚ To ensure High Quality of Inputs through Proactive Interaction with Suppliers.
- ✚ To meet obligations towards the society as a Responsible Corporate Citizen.
- ✚ To Provide value for money to all stakeholders.
- ✚ To follow Ethical Business Philosophy at all times.

Commitment

We dedicate ourselves to the Quality Policy and Objectives of the Company in letter and spirit and commit to continuously strive for their fulfilment.

22/10/2015
Bhubaneswar

Chairman-cum-Managing Director

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ANNEXURE-A6

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 to ensure a decent Workplace.

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

- Involvement of all employees in sustenance of SA 8000:2014 Standard;
- Conforming to all requirements of SA 8000:2014 Standard;
- Complying with National laws, other applicable laws and other requirements to which the organization subscribes;
- Respecting the International instrument as describes in the SA 8000:2014 Standard.
- Continual improvement initiatives in all social aspects;
- Learning and training opportunities to all employees;

This policy is communicated and understood within the organization.

Date: 23.02.2017

Sd/-
Chairman-cum-Managing Director

ENERGY POLICY

Enhancing Energy Performance, comprehensively optimizing energy use, Energy consumption and energy efficiency, is a major imperative for an energy intensive industry like ours. In recognition of this, we focus on improvement of Energy Performance in all areas of operations with thrust on planning Energy Objectives based on the enshrined Guiding Principles.

Guiding Principles

- To Endeavour for reduction in specific consumption of energy in all forms and in all areas of operations.
- To ensure availability of information and necessary resources for achieving objectives and targets.
- To comply with all applicable legal, regulatory and other requirements related to 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.

Commitment

We affirm our commitment to continually improve our energy performance and strive for achieving the objectives and targets.

Sd/-
Chairman-cum-Managing Director

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ANNEXURE-A7

GENERAL ENVIRONMENTAL REQUIREMENT (SMELTER / CAPTIVE POWER PLANT)

1. The contractor should adhere to safe environmental practices and shall perform in line with the environment policy of the company. The contractor has to ensure efficient use of natural resources like water, fuel oil and lubricants.
2. It will be the responsibility of the contractor to safely dispose off the waste generated in the processes of any job to the allotted location as assigned by Manager-in-charge in a manner so as to minimize their harmful concentration effects in the environment.
3. The contractor should ensure that oil/grease; chemicals and toxic substances are stored/ handled properly so that they do not find their way into the industrial drain and the atmosphere.
4. The contractor should make use of equipments having permissible noise limits and not polluting the atmosphere by any means. The contractor shall also guard against any hazardous & unsafe working conditions.
5. The various activities of the contractor should not create any adverse effect on ambient air & water quality at work site and adjoining area. It will be the responsibility of the contractor not to cause damage to the afforestation/green belt created inside/ outside the plant.
6. Contract should ensure proper awareness among workers to maintain a clean environment inside/outside the plant.
7. The emission level of the vehicles, construction equipments etc deployed by the contractor should comply with the norms specified by statutory authorities/ acceptable standards.
8. The contractor should avoid use of toxic and hazardous chemicals. If use of toxic and hazardous chemicals becomes unavoidable, their presence should be within the limits specified by the acceptable standards. The contractor should declare before use of chemicals, the nature of the chemicals i.e. Toxic/ non-toxic, hazardous/ non-hazardous to the Manager-in-charge and obtain his clearance before using such chemicals.
9. The contractor should ensure that disposal of used chemicals are disposed off to the drains only after neutralization of the chemicals and after clearance of the Manager-in-charge.

MINIMUM SAFETY EQUIPMENTS TO BE PROVIDED BY THE CONTRACTOR TO THE WORKMEN.

1. The contractor shall provide safety shoes, safety helmets to their workmen while executing the job.
2. Dust respirators must be used by the contractor workers working in dust area.
3. Face shield must be used by the welders.
4. While working on a height, Safety belt must be used by the workers.
5. Suitable face mask must be used the contract workers while working out painting jobs.

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ANNEXURE-A8

GENERAL GUIDELINE TO BIDDER ON REVERSE AUCTION

1. If a bidder does not participate in the Reverse Auction, the price quoted by him in the price bid shall be considered as the valid price of that bidder. The inter-se position of the said bidder shall be considered based on their position on completion of reverse auction.
2. **Price bid shall be opened at NOT APPLICABLE Hrs. on DD/MM/YYYY and Reverse Auction shall commence at NOT APPLICABLE PM and shall remain open for minimum NOT APPLICABLE hour.**
3. Starting bid price shall be the L-1 offer price received against the tender.
4. **Bid Decremental Value shall be `NOT APPLICABLE (which is @ NOT APPLICABLE of the declared estimated value).**
5. Auto Extension Time shall be fixed at 10 Minutes
6. Other relevant parameters shall be displayed in the GeM Portal reverse auction window.
7. GeM Portal Server time shall be the basis of Start time & Closing time for bidding and shall be binding for all.
8. Auction flow is started and is closed after completion of the process. Once the Auction process is initiated the system takes over for auto auction activity. Then, comparison chart is generated.
9. The bidders to participate in tender-cum-auction process in GeM Portal, has to log into GeM Portal (i.e. <https://gem.gov.in>) with DSC to access the application and quote from their own offices/place of their choice. Once logged in, the software gives them a platform to place bids.
10. All electronic bids submitted during the reverse auction process shall be legally binding on the bidder. The bid values submitted by the bidder are digitally signed by the bidders before submitting. The bidder, after initial submission of a bid, cannot subsequently increase the bid. They can only reduce their bid by the minimum permissible decrement or its multiples. The last bid submitted by the bidder in the Reverse Auction will be considered as the valid price bid offered by that bidder and will be the basis for evaluation / acceptance by Nalco.
11. System displays L1 landed price in auction creation form and allows TIA to edit the value as 'start bid' price. Normally, TIAs will enter the L-1 Price as the start bid price.
12. **Elapsed time:** Shall be fixed at ten minutes. There will be auto extensions of time, every time, (by ten minutes) in case of any reduction recorded in the last auto-extension-time-duration. The reverse auction will come to a close only when there is no further reduction recorded in the last ten minutes slot.
13. **Maximum Seal Percentage:** It is the maximum reduction that can be allowed in the bidding process in a single go. Higher reduction will not be allowed by the system. This protects any possible mistakes by bidders. For any higher discount, the bidder has to repeat the action and the system allows it.
14. Only the chronologically last bid submitted by the bidder till the end of the auction shall be considered as the valid price bid of that bidder. Any bid submitted earlier by the bidder prior to submission of his last bid will not be considered as valid price bid.

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PROPOSED SITE ORGANISATION

NAME OF TENDERER :

Tenderer is to indicate here the site organization, he proposes to set up for execution of the work.

It is understood that this will be augmented from time to time depending on the requirements for timely completion of the work as directed by the Engineer-in-Charge.

Tenderer is also to furnish the bio-data of the Resident Engineer & key personnel to be deployed at site.

COMPLIANCE TO INTEGRITY PACT:

Bidders are required to unconditionally accept the "Integrity Pact (IP)" (to be executed on plain paper), as per format attached at Annexure-C21 of NIT , which may be considered as pre-signed by the Employer, and submit the same duly signed on all pages by the Bidder's Authorized Signatory in a separate sealed envelope before stipulated NIT / submission time at the address specified in the NIT. Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of its Holding Company / Consortium members shall individually sign Integrity Pact (IP) and shall submit in a separate sealed envelope before stipulated NIT submission time at the address specified NIT . Bidder's failure to comply with the aforesaid requirement regarding submission of Integrity Pact (IP)' shall lead to outright rejection of offer Proposal as being non-responsive and shall not be opened.

In case of selected bidder being a Consortium, in addition to above, after incorporation of Joint Venture Company, Integrity Pact shall be signed by the Joint Venture Company along with Project Agreement.

1. Independent External Monitors (IEMs) :

At present there is a panel of Independent External Monitors (IEMs) in NALCO. The panel of IEMs consists of the following.

A) Mr. Hare Krushna Das, IAS (Retd.) Email: hkdash184@hotmail.com	B) Shri Prashant Kumar Jha, IFoS (Retd.) Email: pkjhaforest@yahoo.co.in	C) Shri N. Shanker Reddy, IPS (Retd.) Email: shankerreddyips@gmail.com
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- In respect of this Tender, the panel of Independent External Monitors (IEMs) would be monitoring the Bidding Process and execution of Agreement to oversee implementation and effectiveness of the Integrity Pact Program .

The details of the Independent External Monitors (IEM) are given above who will oversee the compliance to the terms of The Integrity Pact (IP) which forms a part of this Tender.

IEMs are authorized to examine /consider all references made to it under this tender. The bidder(s), in case of any dispute(s) / complaint(s) pertaining to this package may raise the issue either with the designated 'Nodal Officer' in NALCO or directly with the IEM.

Bidder may write to the IEM through E-mail (Provided in the tender) for their grievances, if any, giving details of the tender reference, name of the tender issuing officer and Nalco's Unit for quick identification of the tender by the IEM.

- The Independent External Monitors (IEMs) have the right to access without restriction to all Project documentations of the NALCO. The Monitor is under contractual obligation to treat the information and documents of the Bidder / Subsidiary (ies) and/or Holding Company and/or Subsidiary (ies) of its Holding Company / Consortium members/Sub Contractors with confidentiality.
- If the Employer has terminated the Contract pursuant to Section-3 of the Integrity Pact (IP), NALCO shall act in accordance with **Section 6 of The Integrity Pact** .

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ANNEXURE A9

PREFERENCE TO MAKE IN INDIA ORDER NO. P-45021/2/2017-PP(BE-II), DTD: 16.09.2020

- 1.0 The bidders are requested to go through the GoI Order No: P-45021/2/2017-PP(BE-II), DTD: 16.09.2020 for the purpose of Purchase Preference on the basis of Local Content and submit the Declaration by the Bidder accordingly.
- 2.0 For the purpose of this order dtd.16.09.2020:-
 - 2.1 Local content means the **amount of value added in India** which shall, unless otherwise prescribed by the nodal ministry, **be the total value of the item procured** (excluding net domestic indirect taxes) **minus the value of imported content in the item** (including all customs duties) **as a proportion of the total value, in percent.**
 - 2.2 Class I local supplier means a supplier or service provider whose goods, services or works offered for procurement has local content equal to or more than 50%, as defined at cl. 2.1above.
 - 2.3 Class II local supplier means a supplier or service provider whose goods, services or works offered for procurement has local content equal to or more than 20% but less than 50%, as defined at cl. 2.1above.
 - 2.4 Non-local supplier means a supplier or service provider whose goods, services or works offered for procurement has local content less than 20%, as defined at cl. 2.1above.
- 2.5 '**Margin of purchase preference**' means the maximum extent to which the price quoted by a "Class-I Local supplier" may be above the L1 for the purpose of purchase preference. The margin of purchase preference shall be 20% against the tender.
- 3.0 Subject to the provisions of the above order and to any specific instructions issued by the Nodal Ministry or in pursuance of this order, purchase preference shall be given to 'Class-I Local supplier' in procurement undertaken by procurement entities in the manner specified here under:-

CASE-I (FOR DIVISIBLE QUANTITY): All the provisions of the order No.P-45021/2/2017-PP(BE-II) dtd. 16.09.2020 shall be applicable for this tender towards purchase preference.

However, in case of participation by MSE & ancillary units, the tender quantity reserved for MSE & ancillary units as per purchase preference policy of NALCO for MSEs as mentioned in the tender document shall take precedence over the purchase preference against the above mentioned order (to be mentioned, if applicable).

- 4.1 In the procurement of goods or works which are divisible in nature, the 'Class-I Local Supplier' shall get purchase preference over 'Class-II local supplier' as per the following procedure:
 - a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract of full quantity will be awarded to L1.
 - b) If L1 bid is not a 'Class I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class I Local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to Class-I local supplier's quoted price falling within the margin of purchase preference and contract for that quantity shall be awarded to such 'Class-I Local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I Local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I Local supplier', within the margin of purchase preference shall be invited to match the L1 price for the remaining quantity and so on and the contract shall be awarded accordingly. In case some quantity is still left uncovered on 'Class-I Local supplier, then such balance quantity may also be ordered on the L1bidder.

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4.2 'Class-II local supplier' will not get purchase preference in any procurement undertaken by procuring entities.

CASE-11(FOR NON-DIVISIBLE QUANTITY): All the provisions of the order No. P-45021/2/2017-PP(BE-II) dtd.16.09.2020 shall be applicable for this tender towards purchase preference.

4.3 In the procurement of goods or works which are not divisible in nature, the 'Class-I Local Supplier' shall get purchase preference over 'Class-II local supplier' as per the following procedure:

- a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- b) If L1 bid is not a 'Class I local supplier', the lowest bidder among the 'Class I Local supplier' will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference and contract shall be awarded to such 'Class-I Local supplier' subject to matching the L1 price.
- c) In case such lowest eligible 'Class-I Local supplier' fails to match the L1 price, 'Class-I Local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I Local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

4.4 'Class-II local supplier' will not get purchase preference in any procurement undertaken by procuring entities.

5.0 Verification of local content.

5.1 The 'Class-I local supplier'/'Class II-local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/'Class II-local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made. **Declaration to be given in the format attached/enclosed below.**

5.2 In case of procurement for a value in excess of Rs.10 crores, the 'Class-I local supplier'/'Class II-local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of the companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

5.3 Decisions on complaints relating to implementation of this order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.

6.0 Only "Class-I local suppliers and Class-II local suppliers", as defined under the order, shall be eligible for participation against this tender. The offers of 'Non-Local Suppliers' shall not be considered for evaluation against this tender.

=====XXXX=====

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(Declaration by the bidder on their letter head)

To,
CGM(T&C),
M/s. National Aluminium Company Limited,
Smelter Plant, Nalconagar,
Dist.-Angul, Odisha-759145

Sub: Declaration of % of Local content along with the place of value addition. (Ref. No: Gol order No: P-45021/2017-PP (BE-II), Dated: 16.09.2020)

Tender Ref. No.: _____

Dear Sir,

We, M/s. _____ having its office
at _____ (address) hereby
confirm that the offered product as _____% of the local content.

Following is/are the location(s) at which local value addition is made:

Yours sincerely,

Signature

Name : _____

Designation : _____

Contact No. : _____

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ANNEXURE-A10

Compliance of Public order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 and ORDER NO:F.No.6/18/2019-PPD DATED 23/07/2020 & 24/07/2020

DEFINITIONS

1. GOI vide Order (Public Procurement No.1, 2 & 3) dated 23 Jul 2020 & 24 Jul 2020 has imposed Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 on bidders from a country which shares a land border with India.
2. "Bidder" for the purpose of this Order (Public Procurement No.1, 2 & 3) (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process
3. "Bidder from a country which shares a land border with India" for the purpose of this Order (Public Procurement No.1, 2 & 3) means
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

Note: "Beneficial owner" for the purpose of above paragraph (3) will be as under:

- i. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation

- a) "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - b) "Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholder's agreements or voting agreements;
- ii. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 - iii. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

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- iv. Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- v. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- vi. "Agent" for the purpose of this Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 is a person employed to do any act for another, or to represent another in dealings with third persons.

Rule: Following shall be complied by the Bidders of the said countries while submitting bids.

- A) Any bidder from a country who shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. The Competent Authority for the purpose of registration under this Order shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). However, Order will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Lists of countries to which lines of credit have been extended or in which development projects are undertaken are given in the website of the Ministry of External Affairs. This order shall also not apply to procurement by Indian missions and by offices of government agencies / undertakings located outside India.
- B) **The Bidder shall have to submit declaration / certificate as per the attached Format towards compliance of Public Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017. B)**
- C) For works contracts, including Turnkey contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. The definition of "Contractor from a country which shares a land border with India" shall be as in paragraph (3) above.

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Format for Declaration towards Compliance of Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 .

This declaration must form part of all tenders & it contains general information and serves as a declaration form for all bidders. (Before completing this declaration, bidders must study the General Conditions, Definitions, Govt Directives applicable in respect of Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017& prescribed tender conditions).

DECLARATION BY AUTHORISED SIGNATORY OF THE FIRM

I, the undersigned , (full names),
do hereby declare, in my capacity as
of M/s(name of bidder entity), that:

- 1) The facts contained herein are within my own personal knowledge.
- 2) I have read the Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on the subject of Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a land border with India and comply to all the provisions of the Order.
- 3) I certify that M/s(name of bidder entity) is not from such a country or, is from such a country (strike out whichever is not applicable), has been registered with the Competent Authority. I hereby certify that this SUPPLIER fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority is attached].
- 4) I understand that the submission of incorrect data and / or if certificate / declaration given by M/s(name of bidder entity) is found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per Clause 12 of the Public Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017

AUTHORISED SIGNATURE:

DATE: _____

Seal / Stamp of Bidder

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PART – B

Contract specific information

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ANNEXURE-B1
SMLTER T&C DEPARTMENT
 Web site: www.nalcoindia.com
CONTRACT DETAILS

Form no: F-02/CNT/IDPM/02

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1.0	Name of the Work	One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.
1.1	Nature of the Work	Ser-One Time-Revenue
1.1(i)	Details of "Items Critical to quality" in case of "Specialized Jobs".	NOT APPLICABLE
1.1(ii)	Minimum Workable offer if applicable	Clause No.22.2 of Annexure-A1 may be referred for detail.
1.2	Location of the work	OUTSIDE PLANT PREMISES
2.0	NIT reference	SMLT/T&C/GeM/OMC-6091/NIT/5401 28.05.2026
3.0	Contract Period	8 (Eight) MONTHS.
4.0	No.of Agency required and %distribution of work(subject to availability of bidders)	a) Number of Agency: Three agency. b) Distribution of Work: (40:30:30).
4.1	Mode of tendering	LTE (GeM-Tendering)
4.2	Type of bidding	ONE PART
4.3	Earnest Money Deposit(EMD)	60,000.00/- (Rupees Sixty Thousand only). (Ref. Clause 4.0 of Annexure-A1).
4.4	Tender fee	NOT APPLICABLE
5.0	Tender e-Submission Start Date/Time.	As per GeM Portal
5.1	Tender e-Submission Last Date/Time.	As per GeM Portal
6.0	e-Tender Opening Date/Time	As per GeM Portal
7.0	Validity of Offer	04 (FOUR) MONTHS from the Date of Tender Opening.
8.1	Bank Guarantee & Indemnity Bond value against Free Issue Materials.	(i) B.G : APPLICABLE (L-1- Rs. 84160.00, L-2- Rs. 63120.00, L-3- Rs. 63120 .00) (ii) I.B : APPLICABLE (L-1- Rs. 336640.00, L-2- Rs. 252480.00, L-3- Rs. 252480 .00) (Ref clause no:20.2 of Annexure-A1)
8.2	Bank Guarantee against spare materials / equipments taken outside the Plant.	(i) B.G: NOT APPLICABLE (Ref clause no:20.2 of Annexure-A1)
9.0	Defect Liability Period	12 (Twelve) Months. (Ref clause 30 of Annexure-A1)

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Form no: F-02/CNT/IDPM/02

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10.1	Current minimum daily wages of all categories of labour	Refer Annexure-B5
10.2.1	The values of L_0 and Y applicable (L_0 =Minimum labour rate) (Y =Labour component)	$L_0 = \text{` 644.52}$ & $Y = 60.84\%$ (Ref <u>Annexure-B5</u>)
10.2.2	The values of D_0 and Y applicable (D_0 = Diesel/Petrol rate at Angul at the time of tendering) (Y = Fuel cost component)	Not Applicable
10.3.1	Labor hike reimbursement against change in minimum wages.	NOT APPLICABLE (FIRM PRICE BASIS) (Ref clause-28.0 of Annexure-A1)
10.3.2	Fuel escalation against change in Fuel Price	Not Applicable. (Ref clause-29.0 of Annexure-A1)
10.4	HRD clearance	APPLICABLE (Ref clause 17, 18, 19 of Annexure-A1)
10.5	PF & ESI	NOT APPLICABLE (Ref clause 2.2.3 ,31.7 of Annexure-A1)
11	Type of Contract under GST & Applicability of GST & ITC on GST	Applicable as per CGST/ SGST/ UTGST & IGST (Ref Clause No.25 of Annexure-A1)
12	Service Accounting Code (SAC) of the contract/Harmonized system of nomenclature (HSN) code	APPLICABLE. (Ref Annexure-C18)
13	Recovery towards compensation for delay	Refer Clause no: 32 of Annexure-A1.
14	Recovery of Building and Other Const. workers' BOCW (RE & CS) Cess.	Refer Clause no: 27.8 of Annexure-A1.
15	Gate Pass Details	H.S.W-NIL / S.W- NIL/ S.S.W- NIL/ U.S.W- NIL / Temporary- NIL. Temporary gate passes to be issued for execution of this work as per the instruction of MIC.

IMPORTANT POINTS TO BE NOTED FOR SUBMISSION OF BID

16.	The tender document should be digitally signed, before online submission.
17.	Correction & over writings are not permissible. Any corrections should be signed with date by the person, signing the tender document.
18.	If any tenderer is having any unauthorized structure / occupation inside Nalco Township / Plant, their offer will not be considered for evaluation and shall be liable for rejection.
19.	All the supporting documents submitted with the offer should be attested by a gazetted officer or Notary Public.
20.	The bidder has to submit the 'Necessary Forms' which are to be downloaded, filled up and signed before uploading.
21.	Pre Contract Integrity Pact at <u>Annexure-C21</u> must be filled up and signed by the tenderer.
22.	You are requested to go through "Check list for bidder at <u>Annexure-C25</u> " and Clause No- 07 of Annexure-A1 of NIT details regarding Mode, Submission, Receipt & Opening of Tender.

Shri Somnath Dey

 Tender Inviting Authority
 Tender & Contract Dept., Smelter Plant

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Sub: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

AGENCIES INTENDING TO PARTICIPATE SHALL FULFILL THE FOLLOWING MINIMUM PRE-QUALIFICATION CRITERIA (WITH SUPPORTING DOCUMENTS & THEY NEED TO FILL UP ANNEXURE-C25 TO ANNEXURE-C27 OF THE NIT TO ENSURE SUBMISSION OF ALL DOCUMENTS AS PER REQUIREMENT OF NALCO)

PRE QUALIFYING CRITERIA. (Not Applicable)

A) TECHNICAL (Not Applicable)

Experience criteria	Documentary proof
<p>The bidder should have experience of having successfully completed "<i>Similar Work</i>" during the last seven years ending on last day of the month previous to the one in which NITs are invited, should be either of the followings;</p> <p>i. Three similar completed/partially completed works each (with above criteria) having executed value not less than (Not Applicable). OR</p> <p>ii. Two similar completed/partially completed works each (with above criteria) having executed value not less than (Not Applicable). OR</p> <p>iii. One similar completed/partially completed work (with above criteria) having executed value not less than (Not Applicable).</p> <p>The work experience should be of "Working directly" and possess relevant experience as per the details given under experience criteria. "Working directly" implies, working as a Contractor or Sub Contractor under above authorities who is the Principal Owner of the work.</p> <p>Evaluation criteria: Cost of the completed works by the bidder shall be escalated @ 10% per annum (simple rate) to bring them at the current price level.</p> <p>(The cost of work completed within one year prior to original date of bid opening shall not be considered for any weightage. The weightage shall only be considered for work completed prior to one year of original date of bid opening on annual basis and no weightage shall be given for part of the year)</p> <p>"Similar Work" means "Not Applicable".</p> <p>Partially completed work in progress (not abandoned) shall be considered.</p>	<p><u>Documentary Proof:</u></p> <ol style="list-style-type: none"> The bidder should submit copy of following documents duly attested by a notary public or Gazetted officer. <ol style="list-style-type: none"> Work Order with value along with Amendment, if any, Scope of Work & Bill of quantity for assessment of Experience Criteria. Satisfactory Completion Certificate indicating the value of work executed & period of contract obtained from Principal Owner of the work for whom the work has been executed. In case the bidder submits the credentials as a sub-contractor the following copies are to be submitted duly attested by a notary public or gazette officer: <ol style="list-style-type: none"> Detailed work order / PO / Agreement from the main agency. Completion certificate issued by main agency indicating the value of work executed & period of contract. Completion certificate issued by the Principal / project authorities in favour of the main agency showing due completion of the package. In case of partially completed works the party has to submit the part completion certificate indicating the value of work completed and the performance/progress of the bidder should be satisfactory. <p>NB:- The Experience / Completion Certificates shall be considered only when it bears the Name and Designation of Issuing Authority. This is only applicable for Experience/ Completion Certificates issued after 30/06/2022.</p>

Shri Somnath Dey
Tender Inviting Authority
Tender & Contract Dept., Smelter Plant.

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B) FINANCIAL (Not Applicable)

Eligibility criteria	Documentary proof
<p>1) The average annual turnover of the vendor for last three financial years should be minimum (Not Applicable). (Turn over shall be escalated @10% per annum (simple rate) to bring them at the current price level. The turnover of the latest previous year shall not be considered for any weightage)</p> <p>2) Net worth of the bidder during the last financial year shall be positive as per audited balance sheet.</p> <p>Note: (For bids received prior to 30th June of any year, the financial figure for the previous to previous year may also be considered for evaluation. Whereas for bids submitted after 30th June, the bidder may also submit financial statement for the previous year certified by Chartered Accountant/Auditor for consideration of their bid.)</p>	<p>The bidders have to submit the copies of audited financial statements and profit & loss accounts of the relevant years duly attested by a notary public or gazette officer in support of both the qualifying criteria of turnover and net worth along with the bid.</p>

All certificates or documents issued by a Chartered Accountant (CA) or Cost Accountant (CMA/CWA) in support of the technical or financial qualifying criteria shall bear a valid UDIN (Unique Document Identification Number), in accordance with the guidelines issued by ICAI and ICMAI. Certificates without a valid UDIN shall not be considered for evaluation.

C) CRIMINAL BACKGROUND:

The bidder or its Proprietor/Partner(s)/Director(s) of the firm should not have been convicted by a court of Law for an offence involving moral turpitude in relation to business dealings during the past seven years for acceptance of the offer. The bidder shall give an **affidavit** to this effect. The affidavit must be affirmed before the competent judicial authority or duly notarized by the Notary only after date of said tender floating. Besides, bidder should furnish litigation history of their firm or group firm (if claiming fulfillment of PQC on group entity terms). The litigation history shall be as per the Format at Annexure-C22 for the purpose of affidavit:

- D)** The bidder should possess independent PAN based GST registration certificates of their firm (as applicable). The party should also possess PAN in the name of the firm or sole proprietor. The bidders are required to upload copy of PAN along with the proof of ownership of their firm (in case of PAN is in the name of sole proprietor) along with the offer.
- E)** ~~The bidder needs to submit (upload) the photocopies of all brief orders presently under execution by them as a part of their concurrent commitment (Ref. Cl. No. 5.4 of General Information of NIT, Part-A).~~

Note: Agencies intending to participate shall fulfill minimum Pre-Qualification Criteria (With supporting documents & they need to fill up Annexure-C6 to Annexure-C7 of the NIT. All the supporting documents submitted should be attested by a Notary Public or a Gazetted Officer.

Shri Somnath Dey
 Tender Inviting Authority
 Tender & Contract Dept., Smelter Plant

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ANNEXURE-B2SCOPE OF WORK

Sub: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

1. INTENT OF THE SCOPE & TECHNICAL SPECIFICATION:-

The intent of this scope & technical specification is to enable tenderer to submit a detailed and comprehensive offer for TENDER SPECIFICATION FOR “**One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs. for shifting of CISF colony residents and TA/TBT occupants**” as per specification and direction of Engineer in charge. NALCO's G.C.C., technical specification and special condition of contract shall form part of this specification.

2. SCOPE:

The scope of the contract shall be in general for TENDER SPECIFICATION FOR “**One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs. for shifting of CISF colony residents and TA/TBT occupants**”.

All general civil, structural, masonry, concreting, painting, finishing and carpentry works etc. including external and internal services pertaining to repair & maintenance of all residential and non-residential building in Nalconagar township and CISF colony at Nalconagar, Angul.

The contractor will be solely responsible for arranging man, materials, Tools, tackles, etc. within shortest possible time to execute the work. The scope of the work also consists of providing all incidental items not shown or specified in the bill of schedule of item but reasonably implied or necessary for the proper completion of the work including revision & amendment there to as may require and approved by the EIC during execution of the work. The contractor will have to engage minimum one number of qualified Civil Engineer & required number of experienced supervisors, Technicians workmen etc. for smooth execution of the work. The contractor has to assess the required manpower and will furnish to the department by filling in the G.C.C. format no. Appendix-II, III & IV. (Copies of Appendix-II, III & IV are enclosed) The offer is liable to be rejected if the above information is not furnished.

3. TENDER DRAWINGS:

The preliminary layout drawing of Township master plan & overall plot plain of CISF colony may be seen in contract cell or Township civil maintenance Department for tendering purpose only to have broad idea on the works. However, the works will have to be carried-out as per job order/ drawings released for maintenance and construction work by the Engineer-in-charge or his authorized representative from time to time. (Ref: Annexure-V for township layout)

4. TECHNICAL SPECIFICATION:

Work shall be carried out in accordance with description of schedule of item of work, drawing, CPWD specification and Indian standard specifications.

If the CPWD specification do not cover the same, the work should be carried out as per Indian standard specification or any other standard in order of preference subject to the approval of Engineer-in-charge. In case of any controversy/doubt reference to be made to all the above mentioned standards and documents and most stringent conditions amongst these shall be followed and Owner's decision shall be final and binding.

The bidder should go through and acquaint himself with the above documents before quoting the rates of this tender.

5. FREE ISSUE MATERIALS

- a) Cement in non-returnable bags.
- b) Tor steel Reinforcement
- c) Structural steel
- d) Fly ash brick (will be issued from CPP on availability)
- e) GI/ Aluminium sheet from Nalco store.
- f) Bitumen emulsion.
- g) Any other required as per contract item.

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The agency will have to submit an indemnity bond for an amount of 80% and a Bank Guarantee of 20% towards the cost of free issue materials required. The free issue materials shall be issued after submission of initial security deposit (ISD), Indemnity bond and Bank Guarantee as detailed above. Free issue materials shall be issued progressively based on reconciliation of free issue materials submitted by the party and duly certified by the MIC.

The contractor is responsible for lifting the above materials from the issue point of owner and the materials will have to store in the safe custody and reconciled after the completion of work as provided in general condition of contract. Procurement and supply of all other materials consumables, including necessary tools, machinery etc. shall be the responsibility of contractor.

Reconciliation of free issue materials will be done with respect to actual consumption in the permanent work and the total quantities issued for the work. Wastage percentage for free issue materials will be as per the provision of general condition of contract.

6. **MATERIALS, TOOLS, TACKLES AND EQUIPMENTS UNDER THE CONTRACTOR SCOPE:**

All other material except Nalco's supply shall be under the scope of contractor.

All tools and tackles, equipment like concrete mixer, vibrator etc. required for this work shall be arranged and will be under the scope of contractor.

List of tools and tackles: -

The contractor must have these following tools & tackles available with him at the camp office round the clock and the necessary register must have to maintain to access it availability by the engineer in charge.

Mixture machine, Vibrator (with 40mm/20mm needle), Trucks/Tractor & hand/ rickshaw trolley, M.S. scaffolding pipe, Shuttering (steel / ordinary plank), Electric drilling machine, Electric scrapping machine, Shovel, Spade, crow bar 50mm dia, Manila rope 25mm dia, Ladder different length up to 9Mtr, Masons kits (Trowel of all size, Plumb, Yard leveler, Mason's hammer, Sprit level), Iron pan, Measuring box(300x300x375)mm, Carpentry tools & kits, Dumpy level with staff 4M, Pick axe, Axe, Sickles, GI bucket 20", Sludge pump 5HP with suction & delivery hose 10m each), Sewerage line cleaning equipment, Brooms and wire brushes etc.

Carpentry tools and kits with electric hand drilling machine has to be provided to carpenter for miscellaneous work against the manpower supply item.

7. **EXECUTION & SUPERVISION:-**

The contractor shall have to work as per the direction of the Engineer in charge besides his own supervision by qualified engineer/supervisor. The contractor shall report to Engineer in charge daily in the morning 8AM and receive the necessary instructions & guidance from the Engineer in charge for the jobs to be attended and give the feedback of the progress of the previous day's work. The Engineer in charge will decide the nature of work and his decision will be final & binding. The contractor will have to furnish the execution schedule of the jobs as per required completion date by the Engineer-in-charge and have to complete the work as per the schedule. The contractor have to follow the job procedure. As enclosed in Annexure-III & IV.

8. **CONTRACT PERIOD:-**

The contract period is **8 Months (Eight months)** from the date of issue of L.O.I. / Brief order. Time is the essence of work. All the works should be completed within the time schedule.

9. **INSPECTION OF SITE:-**

The tenderer shall inspect and examine the site and its surrounding and shall satisfy himself before submitting his tender as to the nature of ground and sub-soil, the form and nature of the site, the elevation of the water table during different seasons, means of access to the site, the accommodation he may require and all other matters incidental there to and in general shall himself obtain all necessary information on the risks, contingencies and other circumstances which may influence or affect his tender. They shall be deemed to have satisfied themselves that the rates quoted by them in the tender will be adequate to complete the work according to the specifications and conditions attached there to and they have taken into account all conditions and difficulties that may be encountered during its progress and to have quoted for all labour and material rates complete, which shall include cost of material with taxes, royalties, octroi and other duties, lead, lift, loading, unloading, freight and all other charges necessary for completion of the work to the entire satisfaction of the Engineer –in-charge.

10. **MOBILISATION:-**

The contractor will be required to mobilize within 10 days from the date of issue of L.O.I./Brief order. The contractor will furnish on mobilization, detail lists of equipment's like tools and tackle etc. and manpower deployed for the work and get the approval of Engineer in charge before starting the job.

11. **QUANTITIES VARIATION:-**

The quantities of the various items mentioned in the schedule are purely tentative and may vary up to any extent or may be deleted all together of some particular items. The quoted item rates shall remain firm during the

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tendency of the contract. The contractor should therefore on his own interest, get an indication of the probable extent of work to be executed under any particular item in the schedule before quoting.

 12. **PAYMENT TERMS:-**

90% Payment shall be made to the contractor against submission of only computerized monthly/bimonthly R.A. bills in duplicate duly approved and certified by Engineer in charge whose certificate shall be final and conclusive. Balance 10% from the R.A. bills shall be deducted towards security deposit. If security deposit is submitted by the contractor then the full amount passed shall be paid to the contractor excluding other recoveries like taxes duties cess, octroi, mobilization advance, secured advance etc.

The RA bill/ final bill in duplicate shall be accompanied by the following documents:-

- a) Joint measurement sheet of job order.
- b) Details of measurement sheet. (Proforma-E-I)
- c) Abstract of job order amount (Proforma-E-II)
- d) Abstract of measurement (itemwise quantity) (Proforma-B-I)
- e) Abstract of measurement (Quantity and amount) (Proforma-B-II)
- f) Statement of Material reconciliation (Proforma-C-I)
- g) Statement of Material received from Nalco (Proforma-C-II)
- h) Statement of item wise consumption (Proforma-C-III)
- i) Statement of secured advance against material (Proforma-D)
- j) Royalty statement for minor minerals (Proforma-F)
- k) Contractor invoice for GST with registration certificate.
- l) Safety clearance certificate.
- m) HRD clearance certificate.
- n) Test certificate.

Additional for final bill

- a) Deviation statement.
- b) No claim certificate
- c) No due certificate
- d) Completion certificate
- e) Anti profiteering declaration format

 13. **ROYALTY:-**

Royalty towards use of minor minerals against this work shall be deducted from the various bills proportionately as per the directive of State Govt. / competent authority.

 14. **ELECTRICITY & WATER FOR EXECUTION OF WORK ON SITE:**

Electricity required exclusively for execution of work at site inside the township shall be made available free of cost at a point within 500meters of the work site. Further distribution is to be done by the contractor as per requirement at his own cost. Electricity required for contractors establishment and works within their designated office and work shop premises shall be chargeable as per Nalco's rate.

Water required for the work shall have to be arranged by the contractor.

For the works outside the township, the contractor will make his own arrangement for electricity and water.

All precautions shall be taken by the contractor to ensure safe and efficient utilization of electrical power under supervision of a licensed supervisor and technicians and as per I.E rules subject to statutory clearances as applicable.

 15. **LAND, POWER SUPPLY & WATER FOR CONTRACTOR'S FIELD OFFICE, GODOWN AND WORKSHOP.**

a) **Land:** - Nalco will at his discretion and convenience and **for the duration of the contract period of the work plus three months** may provide the land for construction of contractor's field office, godowns, workshops and assembly yard required for the execution of contract at suitable place. The contractor shall at his cost construct all these temporary buildings structures and may provide suitable water supply sanitary and electrical arrangement as approved by the Engineer – in-charge and other inspectorates.

- As per general condition of the contract a token of Rs.100.00 per hectore or part thereof per annum or part thereof shall be charged for land so made available.
- On completion of the work the contractor shall remove all works erected for site office as per the direction of Manager-in-charge.
- Land provided shall be solely on incense basis which is terminable at any time without notice or without assigning any reasons.
- In event of any such termination or completion of the contract, the contractor shall forth with vacate the premises.

b) **Electricity:** - Electricity for contractor's field office, godown, workshop, fabrication and erection yard if required near field office shall be chargeable basis as per G.C.C clause No. 2.2 & 2.3,2.4, subject to direction of Engineer –in-charge.

The cost of power supply shall be payable at every month at the rate of Rs. 2.85/ KWH (subject to amended from time to time) which will be deducted from the running bill or deposited by the party to Nalco as per the advice of electrical department.

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- c) **Water:** - Limited quantity of water near camp shall be provided on free of cost at a point within 500mtr, subject to availability. Further connection to be done by the contractor as per requirement at his own cost.

16. OTHER TERMS AND CONDITIONS:

All other terms and conditions not specifically stated in the forgoing clauses shall be as per NIT and G.C.C and shall remain unaltered and binding on the contractor.

17. GENERAL:

Bidders are requested to make themselves fully conversant with the General Condition of the Contract special conditions of the contract, Tech specification and the site condition before quoting.

18. AGREEMENT:

The following documents shall form the integral part of the agreement.

- a. The tender NIT
- b. Special Conditions of Contract.
- c. General Condition of Contract of Nalco.
- d. Schedule of quoted/agreed items rates.
- e. Any other documents which was agreed during negotiation/ discussion which has contractual obligations.

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ANNEXURE-B3**SPECIAL CONDITIONS OF CONTRACT**

Sub: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

1. GENERAL

- a) Special condition of contract shall be read in conjunction with the general condition of contract, schedule of rates, specifications of work, drawings and any other document forming part of this contract wherever the context so required.
 - b) Where any portion of the special condition of the contract is repugnant to or at variance with any provisions of the general condition of contract then unless a different intention appears, the provision of the special condition of contract shall be deemed to override the provisions of the general conditions of contract only to the extent such repugnancies or variations in the special conditions of contract as are not possible of being reconciled with the provisions of general condition of contract.
 - c) The materials, design and workmanship shall satisfy the applicable standards, specifications contained herein and codes referred to. Where the technical specifications stipulate requirements in addition to those contained in the standard codes and specifications, those additional requirements shall also be satisfied.
 - d) Wherever it is mentioned in the specifications/ bill of quantities that the contractor shall perform certain work or provide certain facilities, it is understood that the contractor shall do so at his own cost and the contract price shall be deemed to have included cost of such performances and provisions, so mentioned.
 - e) In case of contradiction between relevant Indian standards, general condition of contract, special condition of contract, specifications, drawing, schedule of price/ rates, the following shall be prevail in order of precedence.
 - i) Detailed letter of intent along with statement of agreed variation and its enclosures.
 - ii) Schedule of rates.
 - iii) Special condition of contract
 - iv) Drawing
 - v) Technical specification
 - vi) Standards.
 - vii) General condition of contract
 - f) The components of wages which are paid annually (Leave Wages and Bonus) or at the end of the contract (Retrenchment Benefit and Gratuity) as applicable, is to be retained from the monthly RA Bills of the contractor based on recommendation/certification of HRD in respective HR Clearance as these components are not paid on monthly basis. The amount so retained will be released to the contractor based on recommendation/certification of HRD on production of documentary evidence against payment of these wage related components to the bank accounts of the workers.
 - g) The contractor shall have to pay Bonus/Ex-gratia to all his workmen as per the provisions of the Payment of Bonus Act, 1965 before "Durga Puja" every year or at the time of full and final settlement, if the contract is completed before "Durga Puja".
2. NALCO's General conditions of contract (GCC) & Special conditions of contract if any shall form part of this contract. The tenderer is advised to see the same in the office of the contract cell during office hours before quoting the rates. It will be taken for granted by NALCO that tenderer has seen and gone through all the terms and conditions available as on date and shall abide by this.
 3. Wherever transport of material is applicable, the contractor has to ensure that goods carried during transportation do not exceed permitted lead and weight as certified by registering authority for the respective vehicles.
 4. Wherever applicable Bank Guarantee are to be submitted in Nalco's latest prescribed format only.
 5. The temporary camp office shall be maintained with an attendant along with a mobile phone for day to day/ emergency instruction and communication round the clock.

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6. In general the contractor will be asked to execute the maintenance activities for a specified area given to him during the starting of the contract but it does not give any privilege to the contractor that he will not execute the maintenance work in any other area of the township when asked for. Similarly the contractor will not have any claim if other agencies are asked to do the maintenance work in the specified area earmarked to him, if the services of other agencies demand for quick compliance of defect/ maintenance work or vice versa.

In nut-shell the specified area earmarked to the contractor before starting the contract is only and to facilitate the Engineer-in-charge for easy planning of the maintenance activities.

7. The contractor at his own interest has to keep a close liaison with the Engineer-in-charge or with his authorized representative for receiving the job order, compliance of defect and other related official work for the smooth execution of the contract. If any job order is pending during the month that should be revalidated in the next month positively before starting work.
9. The contractor have to engage the minimum required qualified Engineer for this work so that the technical aspect of the maintenance work could be assessed for planning the job towards its quick & correct compliance and necessary documentation work.
10. The contractor after receiving the job order has to inspect the site by his engineer within 1 day (one) of the receipt of the job order and submit the report of the defect and other related information along with the execution schedule of the work to the engineer in charge and must obtain the clearance from the engineer in charge or his authorized representative before starting the maintenance work.

11. COMPENSATION FOR DELAY

Since the maintenance of Petty civil works of vacant quarters along with water supply, sewerage and other allied services are urgent in nature, these maintenance work as per the job order is to completed at the earliest possible time as per job procedure and execution schedule duly approved by the engineer in charge (Ref Annexure-III). ANY UNJUSTIFIED DELAY IN ATTENDING THE MAINTENANCE WORK AS PER THE JOB ORDER A PENALTY @1% OF THE WORK VALUE OF THAT PARTICULAR JOB ORDER PER WEEK AND MAXIMUM 10% OF THE JOB ORDER VALUE SHALL BE LEVIED FROM THE RUNNING BILL.

12. The contractor has to maintain a register containing the job order number, details of job to be done, schedule date of completion of the job & actual completion date of the job for monitoring of the progress of work. This register must be available at camp/office round the clock for the inspection of the engineer in charge or his authorized representative.
13. No new job orders will be issued to the contractor if a minimum of 50(fifty) nos job order are pending with the contractor beyond the scheduled completion date accepted by the contractor. Since attending the complain is a continuous process, the new job order shall be issued to other contractor as per decision taken by the concerned Office-in-charge.

14. Computerized contractor's billing system

After completion of work the party will return the job orders with signature of occupant on daily basis to the concerned Officer-in-charge for joint measurements, recording the measurements in the job sheet and acceptance for entry in the Nalco computerized billing system.

After completion of entry of measurement in the Nalco computerized billing system and passing by the group in charge, the copy of bill shall be obtained by the contractor from the civil office for submission of monthly/ bi-monthly RA bill with all relevant documents as per provision in the contract.

For all payment purpose measurement shall be based on execution drawing issued to the agency from time to time. Whenever the details are not available or in adequate in the execution drawing, physical joint measurements shall be taken in the presence of the agency. Measurement shall be made in unit indicated in the schedule of rate/ bill of quantity as per measurement mode of IS-1200.

15. Deployment of manpower

Sufficient number of civil engineer (Diploma / Degree) and experienced supervisors shall be deployed by the contractor for each package of the maintenance contract for smooth execution of the work.

16. Manager-in-charge shall ensure that, the value of un-reconciled free issue materials should not exceed the bank guarantee amount at any point of time.

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INSPECTION & TEST PROCEDURE**A. Test procedure:-**

1. The contractor shall carry out the various tests as enumerated in the technical specifications of the tender document and the technical documents that will be furnished to him during the performance the works and no separate payment shall be made unless otherwise specified in the schedule of rates.
2. All tests either on the field or at outside Laboratories concerning the execution of the work and supply of materials by the contractor shall be carried out by contractor at his own cost.

B. Inspection procedure:-

1. The work is subject to inspection at all times by the Engineer-in-charge. The contractor shall carry out all instructions given during inspection and shall ensure that the work is being carried out according to the technical specifications of this tender. The technical documents and the relevant codes of practice furnished to him during the performance of the work.
2. The contractor shall provide access ladders, lighting and necessary instruments at his own cost for inspection of work
3. Any work not conforming to the execution drawings, specifications or codes shall be rejected forthwith and the contractor shall carry out the rectifications at his own cost.
4. All results of inspection and tests will be recorded in the inspection reports, proforma of which will be approved by the Engineer-in-charge. These reports shall form part of the completion documents.
5. Inspection and acceptance of the work shall not relieve the contractor from any of his responsibilities under this contract.

SPECIFIC SAFETY AND ENVIRONMENTAL REQUIREMENT**1: SAFETY REQUIREMENTS:**

The contractor shall have to take necessary safety arrangements/ precautions for the workmen engaged by them and shall be responsible for any first aid / emergency treatment for their workmen. The contractor shall have to arrange for 3rd. party insurance and workmen compensation insurance for safety. In addition the contractor shall have to abide by all fire & safety regulations of the owner. The contractor has to execute the work after taking necessary clearance from the authorized safety officer of the safety dept. available at Smelter Plant. Safety appliances like safety shoes, gloves, helmet etc. should be provided by the contractor to all workmen working under him. In case the contractor fails to provide necessary safety appliances to his workmen, the same will be issued to the contractor by NALCO and necessary recoveries shall be made from the contractor's bill.

2: ENVIRONMENTAL REQUIREMENTS:

The contractor shall adhere to safe environmental practices and shall perform in the line with company's available environment policy. The contractor shall also guard against any hazardous and unsafe working conditions. Scraps waste generated during different activities including its disposal should be in a manner to minimize their harmful concentration effects on the environment. The various activities at site should not create any adverse effect on ambient air and water quality at work site and adjoining areas.

3: PRE-MEDICAL CHECK UP:

Contractors will have to submit medical certificate from a Government Hospital or registered medical practitioner in the prescribed format for the workmen engaged by him along with application for gate pass and for annual renewal. No gate pass will be issued/ renewed unless the medical certificate is enclosed along with the application.

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**Format of job order
NALCO S&P COMPLEX, ANGUL
TOWNSHIP CIVIL MAINTENANCE AND SERVICES**

Computerized complain No						Nature of complain received	P.No/ Mobile No	Identification of complaint	Action taken	Remarks
D D	MM	YY	Qtr type	No	No com p					
X X	XXX	XX	XXX	XXX X	XXX					
					1					
					2					
					3					
					4					
					5					
					6					

Identification of complaint	I-Inspected INR- inspection not Required BS- Beyond the scope AA- May be executed on getting administrative approval (to be obtained by the requisitioner)
Action taken	IC- Identified and completed. JO- Job order issued.
Remarks	Completed on

NAME OF WORK:			
NAME OF AGENCY:		PARTY CODE:	
WO NO.		JOB ORDER NO.	

Sl No	Description of work to be carried out under the scope of the job order	Scheduled completion date.	Actual completion date.

Signature
Sup/ Engineer(Nalco)
representatives

Signature
Area In-charge

JO received in duplicate
Sign of authorized

Of contractor

Signature of occupant with mobile No. After completion of work	Sign of Contractor	Sign of Nalco after obtaining feed back report from occupant.
---	--------------------	---

Original copy to be returned by the contractor within a day after compliance for joint measurement.

Joint Measurement

Sl No	Item No	Description of item	Unit	Measurement					Rate	Amount	Remarks
				No	L	B	H	Qty			
1	2	3	4	5	6	7	8	9	10	11	12

Signature of Contractor
charge.

Sign of Sup/ Engineering (Nalco)

Sign of area in-charge.

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BRIEF SCOPE OF WORK INDICATED IN THE SCHEDULED OF ITEMS

A	EARTH WORK
B	CONCRETE WORK
C	BRICK WORK
D	STONE WORK
E	WOOD AND PVC WORK
F	STEEL WORK
G	FLOORING
H	ROOFING WORK
I	PLASTER AND PUNNING
J	PAINTING
K	DISMANTLING/ DEMOLISHING
L	REPAIR OF DOOR & WINDOW
M	SANITARY ITEMS
N	WATER SUPPLY (PPR, CPVC & GI PIPE)
O	CI PIPE AND SPECIAL
P	DRAINAGE
Q	SUPPLY OF MATERIAL
R.	MISCELLANEOUS WORK



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ANNEXURE-B4**QUANTITY & RATE SCHEDULE**

Sub: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants.

SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
	EARTH WORK				
1	Earth work in excavation in all kind of soil including soft rock by mechanical means (Hydraulic excavator) / manual means in foundations, drain, trenches, pavements, manholes, wall footings, pipe lines, cable trenches, pits and over area cuttings etc. for all kinds of works including dressing of sides and ramming of bottoms lift up to 1.5m including getting out the excavated soil and disposal or stacking of surplus excavated materials within a lead up to 50 mtrs, disposed earth to be leveled and neatly dressed as directed with all cost complete as per drawing, specification and direction of Manager-in-charge.	Cum	40	221.22	8848.80
2	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish lead up to 50m and lift up to 1.5m in all kinds of soil.	Sqm	1600	21.34	34144.00
3	Filling of available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 200mm in depth compacting each deposited layers by ramming and watering and lift up to 1.5M as directed by MIC.- Lead up to 50M	CUM	32	192.60	6163.20
4	Supplying and filling of sand in layers of loose thickness not exceeding 200mm including watering, ramming, compacting, leveling, dressing etc. complete as per drawings, specifications and direction of Manager-in-Charge.	Cum	4	1120.00	4480.00
5	Transporting and disposing the surplus earth, debris and soft rock including shrubs and vegetations from construction area beyond the initial lead of 50m including re-excavating the deposited soil excavated earlier, transportation, loading, unloading, laying at all depths and heights, stacking, levelling and dressing both the area (viz. from where the earth is transported and where it is deposited) to required levels and slopes complete with all lifts as directed by MIC. For carting on the basis of truck/ tractor measurement and lead up to 3.0 km.	Cum	16	169.18	2706.88
6	Collection, segregation and transportation of all types of material such as brick, boulder, debris, sand, stone aggregate, refractory material, steel, scraps, MS pipe, furnitures etc. by mechanical means including the cost of loading and unloading, tools and tackles etc. all complete within a lead of 5.0KM as per direction of MIC.- Full tractor loaded, volume up to 3.00Cum	TRIP	32	283.56	9073.92
7	Clearing of debries, grass, vegetation, plants growth etc over hard surface like chajja, roof, over head tank bottom, rain water mouth or from ground etc. and removal of rubbish out side the periphery of the area cleared up to a lead of 3.0KM as per the direction of Manager-in-charge.	Sqm	800	5.61	4488.00
8	Felling trees of the girth (measured at a height of 1.0m above ground level) including cutting of trunks and branches removing the roots at all heights and levels on ground or on building upto 15 mtr above ground level and stacking of serviceable material and disposal of unserviceable material within a lead of 3.0 KM. Repairing plaster/ brick work etc. shall be paid in respective items.- upto 30cm girth.	Each	160	39.34	6294.40
9	Felling trees of the girth (measured at a height of 1.0m above ground level) including cutting of trunks and branches removing the roots at all heights and levels upto 15 mtr above ground level and stacking of serviceable material and disposal of unserviceable material within a lead of 3.0 KM. Repairing of plaster/ brick work etc. shall be paid in respective items.-Beyond 30cm girth up to and	Each	16	333.70	5339.20

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1	2	3	4	5	6= (3 x 5)
	including 60cm girth				
10	Hire charges for supply of construction equipment for miscellaneous work including cost of operator, fuel etc all complete.- J.C.B Excavator (Payment shall be made for effective working hour basis and no payment shall be made for marching time of machine.)	Hour	24	1026.50	24636.00
11	Dewatering of foundation, trenches, drains, low laying areas, sumps, water reservoirs, man-hole chambers, valve chambers using 2HP / 4000 litre per hour pump sets including cost of supply, transportation erection charges of pumps with all accessories and tools and tackles etc. and cost of labour operating with fuel, lubricant etc. all complete and as directed by MIC.	Hour	8	136.87	1094.96
12	Cleaning of open brick drains of trapezoidal section/any other section, pipe drain of any dia meter and culverts of any section of road including removal of vegetation, slushy soil, garbage, loose boulder, earth, construction rubbishes etc. and stacked the desalted materials at convenient places (preferably 30 M away from the drain or any other suitable places) where it can be easily loaded on the truck/cortege and thereafter disposal of the same within a lead of 1 KM by mechanical means/ any other means at Nalco acquired low laying area earmarked for disposal and as per the direction of Manager-in-charge. Note:i)Rate shall include cost of all tools, tackles, rehandling and disposal of such materials at area earmarked and dressing the area. ii) The measurement shall be taken only after disposal of desalted materials at earmarked places. - Cross-sectional area up to 0.25sqm.	RM	40	3.01	120.40
13	Cleaning of open brick drains of trapezoidal section/any other section, pipe drain of any dia meter and culverts of any section of road including removal of vegetation, slushy soil, garbage, loose boulder, earth, construction rubbishes etc. and stacked the desalted materials at convenient places (preferably 30 M away from the drain or any other suitable places) where it can be easily loaded on the truck/cortege and thereafter disposal of the same within a lead of 1 KM by mechanical means/ any other means at Nalco acquired low laying area earmarked for disposal and as per the direction of Manager-in-charge. Note:i)Rate shall include cost of all tools, tackles, rehandling and disposal of such materials at area earmarked and dressing the area. ii) The measurement shall be taken only after disposal of desalted materials at earmarked places. - Cross-sectional area up to 0.50 sqm.	RM	40	5.04	201.60
			0	Total	107591.36
B	CONCRETE WORK		0		
14	Providing and laying plain cement concrete of specified grade excluding the cost of centering, shuttering for all works at all depth and heights complete as directed by Manager –in-charge. (Cement free issue)-1:5:10 Using 40mm & down size stone aggregate.	Cum	8	4086.84	32694.72
15	Providing and laying plain cement concrete of specified grade excluding the cost of centering, shuttering for all works at all depth and heights complete as directed by Manager –in-charge. (Cement free issue)-1:2:4 Using 20mm & down size stone aggregate	Cum	16	4097.86	65565.76
16	Providing and laying in position reinforced cement concrete of proportion 1:1.5:3 (1 cement :1.5 coarse of sand: 3 graded stone aggregate of 20mm nominal size) excluding the cost of centering, shuttering, finishing and reinforcement as per specification, drawing and direction of MIC (Cement free issue)-For all works in sub structure below plinth level	Cum	4	4449.37	17797.48

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6=(3 x 5)
17	Providing and laying in position reinforced cement concrete of proportion 1:1.5:3 (1 cement :1.5 coarse of sand: 3 graded stone aggregate of 20mm nominal size) excluding the cost of centering, shuttering, finishing and reinforcement as per specification, drawing and direction of MIC (Cement free issue)- -For column, lintel, beam, roof slab, sunshade, wall etc. at all works in super structure above plinth level	Cum	4	5841.51	23366.04
18	Manufacturing, transporting and fixing in position pre-cast RCC slab of mix 1:1.5:3 (1 cement: 1.5 sand: 3 graded stone aggregate 12mm nominal size) of all shape & size, thickness at all depth & height & level including finishing the slab, cost of form work, cutting grooves in wall, fixing of slab and making good the wall but excluding the cost of reinforcement etc. all complete as per drawing specification and direction of Manager-in-charge. (Cement free issue) Each unit up to 500Kg (for slab, bench, bed block, lintel, beam etc.	Cum	8	5380.10	43040.80
19	Centering and shuttering including strutting, bracing, propping etc., keeping the same in position during concreting and removal of the same after specified period etc. all complete and as specified and directed by Manager –in-charge . For all concrete and RCC work. For all depths below plinth level	Sqm	40	249.77	9990.80
20	Centering and shuttering including strutting, bracing, propping etc., keeping the same in position during concreting and removal of the same after specified period etc. all complete and as specified and directed by Manager –in-charge . For all concrete and RCC work. For all heights above plinth level	Sqm	40	483.43	19337.20
21	Taking delivery at Nalco store, transporting, cutting, placing, fixing in position tor/plain steel reinforcement of all diameters for reinforced concrete and precast reinforced concrete works including cutting , bending, cranking, binding, tack welding, providing & tying with binding wire and cover blocks as per drawings, specifications and direction of M-I-C including straightening & decoiling wherever necessary, all materials, tools, plant & labour complete .	KG	800	16.56	13248.00
			0	Total	225040.80
C	BRICK WORK		0		
22	Providing and laying brick masonry work with modular fly ash bricks in cement mortar 1:6 (1 cement :6 sand) etc complete as per specification and direction of MIC. Fly ash brick shall be issued from Nalco CPP plant. (Fly ash brick and Cement free issue) (In case of non availability of fly ash brick as FIM by Nalco the work shall be executed against supply of flay ash bricks by the contractor and will be paid extra for supply of bricks under relevant item)-In foundation and plinth for all depth below plinth level.	Cum	16	2816.25	45060.00
23	Providing and laying brick masonry work with modular fly ash bricks in cement mortar 1:6 (1 cement :6 sand) etc complete as per specification and direction of MIC. Fly ash brick shall be issued from Nalco CPP plant. (Fly ash brick and Cement free issue) (In case of non availability of fly ash brick as FIM by Nalco the work shall be executed against supply of flay ash bricks by the contractor and will be paid extra for supply of bricks under relevant item)-In superstructure at all height above plinth level	Cum	8	3555.95	28447.60
24	Providing and laying half brick masonry work with modular fly ash bricks in cement mortar 1:4 (1 cement :4 sand) as per specification with all cost complete as per specification and direction of MIC. Fly ash brick shall be issued from Nalco CPP plant. (Fly ash brick and Cement free issue) (In case of non availability of fly ash brick as FIM by Nalco the work shall be executed against supply of fly ash bricks by the contractor and will be paid extra for supply of bricks under relevant item)-In foundation and plinth for all depth below plinth level.	Sqm	80	318.91	25512.80

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
25	Providing and laying half brick masonry work with modular fly ash bricks in cement mortar 1:4 (1 cement :4 sand) as per specification with all cost complete as per specification and direction of MIC. Fly ash brick shall be issued from Nalco CPP plant. (Fly ash brick and Cement free issue) (In case of non availability of fly ash brick as FIM by Nalco the work shall be executed against supply of fly ash bricks by the contractor and will be paid extra for supply of bricks under relevant item)-In superstructure above plinth level	Sqm	40	415.12	16604.80
26	Providing and laying brick masonry work with dismantled brick salvaged from work with cement mortar 1:6 (1 cement :6 sand) as per specification with all cost complete as per drawing and direction of Manager-in-charge. (Cement free issue) In foundation and super structure upto 2.0 mtr height above plinth level.	Cum	4	2428.85	9715.40
			0	Total	125340.60
D	WOOD, ALUMINIUM AND PVC WORK		0		
27	Providing Non-sal wood work in frames of door/ window false ceiling, partitions etc. sawn and put up in position	Cum	1	62907.80	62907.80
28	Providing and fixing wire gauge / glazed shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm/ using 4mm thick pin headed glass for doors, windows and clerestory windows with hinges and necessary screws : 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size-Kiln seasoned and chemically treated hollock wood.	Sqm	8	2612.45	20899.60
29	Extra for cutting rebate in flush door shutters/ ply board shutter for cupboard (Total area of the shutter to be measured)	Sqm	240	82.12	19708.80
			0	Total	103516.20
E	STEEL WORK		0		
30	Fabrication & erection in position for all types of structural steel works in steel built up section, single sections, trusses, frame work Chequered plate etc. including cutting, welding reverting, bolting, hoisting, fixing in position and painting two coats of synthetic enamel paint over a primary coat of red oxide (Structural Steel free issue).	KG	160	32.70	5232.00
31	Steel work welded in built of sections/ framed work including cutting, hoisting, fixing in position and painting two coats of synthetic enamel paint of approved quality over a coat of zinc chromate red oxide primer etc. all complete. (Steel contractor supply)-In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	KG	160	117.97	18875.20
32	Providing and fixing angle iron frames for door, windows and ventilators made of MS angle ISA-35x35x5/6 or 40x40x5/6 joints mitred and welded with lugs made up of same angle section length 100mm embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) including necessary MS butt hinges and screws conforming to IS-1341, locking device as per drawing and specification including painting two coats of approved brand synthetic enamel paint over a priming coat of approved steel primer after pre-treatment of the surface as directed by Manager-in-charge. (Cement and MS angle free issue)	RM	4800	100.78	483744.00
33	Repair and finishing all sides of door frame sides with cement concrete (1:3:6) as per requirement of site, 12mm plastering for fixing of angle frame in place of wooden frame including dismantling/ chipping of wall side plaster, curing, applying cement primer on new plaster, disposal of debris upto 1.0 KM etc. complete as per direction of MIC.	Each	280	158.40	44352.00

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1	2	3	4	5	6= (3 x 5)
34	Repair and finishing all sides of window/ ventilator frame sides (Size of opening upto 1200mmx1200mm) with cement concrete (1:3:6) as per requirement of site, 12mm plastering for fixing of angle frame in place of wooden frame etc. including dismantling/ chipping of wall side plaster, curing, applying cement primer on new plaster, disposal of debris upto 1.0 KM etc. complete as per direction of MIC.	Each	640	126.72	81100.80
35	Repair and finishing all sides of window/ ventilator frame sides (Size of opening above 1200mmx1200mm) with cement concrete (1:3:6) as per requirement of site, 12mm plastering for fixing of angle frame in place of wooden frame etc. including dismantling/ chipping of wall side plaster, curing, applying cement primer on new plaster, disposal of debris upto 1.0 KM etc. complete as per direction of MIC.	Each	40	171.08	6843.20
36	Providing & fixing MS grill of required pattern in frames of windows etc. with MS flats, square or round bar including painting two coats of synthetic enamel paint of approved quality over a coat of zinc chromate red oxide primer etc. all complete. Fixed to steel windows by welding.	KG	40	151.53	6061.20
			0	Total	646208.40
F	FLOORING		0		
37	Providing & laying cement concrete pavement with 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate of 12mm nominal size) including finishing of surface all complete in approach road, plinth protection, courtyard and as instructed by MIC.etc. (cement free)- 25mm thick	Sqm	800	114.43	91544.00
38	Providing & laying cement concrete pavement with 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate of 12mm nominal size) including finishing of surface all complete etc. as per direction of MIC. (cement free)- 40mm thick	Sqm	400	183.08	73232.00
39	Providing and laying cement concrete flooring 1:2:4 (1 cement:2 sand: 4 graded stone aggregate of 20/12.5mm nominal size) finished with floating coat of neat slurry rounding of edges, preparation of surface, hacking and making the surface rough for bonding of concrete cleaning the surface, applying cement slurry before laying of concrete, levelling, finishing, curing. etc as per specification and direction of MIC complete (Cement free issue)- 25mm thick	Sqm	160	211.52	33843.20
40	Providing and laying cement concrete flooring 1:2:4 (1 cement:2 sand: 4 graded stone aggregate of 20/12.5mm nominal size) finished with floating coat of neat slurry rounding of edges, preparation of surface, cleaning the surface, applying cement slurry before laying of concrete, levelling, finishing, curing. etc as per specification and direction of MIC complete (Cement free issue)- 40mm thick	Sqm	160	338.45	54152.00
41	Providing and fixing 1st quality ceramic glazed wall tiles of Orient, somany, nitco, kajaria, johnson, RAK make in all colours, shades of any size as approved by MIC in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointing with grey cement slurry @ 3.3 Kg per Sqm including pointing in white cement mixed with pigment of matching shade complete. (Cement free issue) Glazed tile shall be selected by MIC from market and negotiated price with representatives of tile manufacturer shall be ranging from Rs.35.00-40.00 per Sqft.	Sqm	40	842.88	33715.20
42	Providing and laying ceramic glazed floor tiles of approved size and Orient, somany, nitco, kajaria, johnson, RAK make in all colours laid on 20mm thick cement mortar 1:6 (1 cement :6 coarse sand) including pointing the joints with white cement and matching pigment etc. complete. (Cement free issue) Glazed tile shall be selected by MIC from market and negotiated price with representatives of tile manufacturer shall be ranging from Rs.35.00-40.00 per Sqft.	Sqm	40	801.95	32078.00

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
43	Providing and fixing 18mm thick granite mirror polished machine cut for kitchen platform, vanity counters, window sills, facias , steps of stair and similar location of required size of approved shade, colour and texture laid over 20mm (average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with white cement mixed with matching pigment, epoxy touch ups, including rubbing, moulding and polishing to edge to give high gloss finish etc. . complete at all level .	Sqm	8	3461.11	27688.88
44	Providing edge moulding to 18 mm thick marble/ granite stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Manager-in-Charge.	RM	16	329.88	5278.08
45	Providing and fixing 20mm average thick Kuddappa stone flooring over a bed of 20 mm thick cement mortar 1:6 (1 cement: 6 sand) including preparation of base by dismantling/ removing of damaged floor, cutting, polishing etc. all cost complete as per direction of MIC. (Cement free issue)	Sqm	160	530.17	84827.20
46	Extra for repair of floor/wall tile including removal of damaged tile, mortar, plaster and fixing of new tile in place of damaged tile area in proper line and level matching the existing surface with cement mortar/adhesive as per the site requirement. Payment towards fixing of tile shall be made in respective item.(For repair of tile area less than 1.0m2.)	Sqm	40	314.35	12574.00
47	Providing and making of door sill size (65x40)mm with cement concrete 1:2:4 including chipping of concrete floor and finishing with cement punning etc. complete. (Cement free issue)	RM	160	46.37	7419.20
48	Providing and fixing glass strips in joints of cement concrete floors.- 25- 40mm wide and 4mm thick	RM	40	65.90	2636.00
			0	Total	458987.76
G	ROOFING WORK		0		
49	Providing Gola 75x75mm in cement concrete 1:2:4 (1 cement:2 sand: 4 graded stone aggregate and down size) including cutting groove, concreting,finishing with cement mortar 1:3 (1 cement: 3 fine sand),punning etc. as per standard design in 75x75mm deep chase. (cement free issue)	RM	400	190.07	76028.00
50	Grading roof for water proofing treatment including finishing etc. all complete as per direction of MIC (cement free issue)- with Cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 grade stone aggregate 12mm nominal size)	Cum	40	4217.16	168686.40
51	Refixing of balcony spout pipe with CC 1:2:4 after cutting the hole 100x100x125mm in the proper level including finishing the both side surface of the wall with cement plaster with CM (1:6), painting two or more coats with cement/colour/white wash and disposal of dismantled materials in this 50m lead etc. all complete.	Each	8	302.87	2422.96
52	Cleaning of roof and rain water pipe including removal of derrises within a lead of 1.0KM- C & TC type quarters	Each	8	95.75	766.00
53	Cleaning of roof and rain water pipe including removal of derrises within a lead of 1.0KM- A & TA type quarters	Each	8	63.15	505.20
54	Cleaning of roof and rain water pipe with all tools and tackles including removal of debrises within a lead of 1.0KM - Garages of all size excluding community garages.	Each	8	71.18	569.44
			0	Total	248978.00
H	PLASTER AND PUNNING		0		
55	Providing 12mm thick cement plaster with cement mortar 1:6 for all height including curing, scaffolding, tools, tackles, labour etc. complete.(cement free issue)	Sqm	80	202.07	16165.60
56	Providing neat cement punning including watering, curing etc. all complete at all depth, height, and levels as per specification and direction of Manager-in-charge.(cement free issue)	Sqm	320	42.26	13523.20

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1	2	3	4	5	6= (3 x 5)
57	Repair to plaster of thickness 15mm on patches of area 2.5 Sqm and under with cement mortar 1:6 (1 cement: 6 coarse sand) including cutting the patch in proper shape, dismantling of old damaged plaster, raking out joints, preparing and plastering the surface of the walls at all height with all cost complete including disposal of rubbish to the dumping ground as per the direction of Manager-in-charge (scaffolding above 3.5M shall be paid extra.) (cement free issue)	Sqm	800	266.04	212832.00
58	Repair of over head water tank capacity upto 750 ltr with inside plastering and punning of tank base and wall including dismantling of damaged plaster, hacking, removal of debris, closing and opening of inlet and outlet pipelines, drainage of water, cleaning of tank inside, removal and refixing of tank cover, float valve etc. complete as per direction of MIC. (Grading concreting if any shall be paid extra)	Each	40	417.09	16683.60
59	Repair of over head water tank capacity from 1000 to 1200 ltr with inside plastering and punning of tank base and wall including dismantling of damaged plaster, hacking, removal of debris, closing and opening of inlet and outlet pipelines, drainage of water, cleaning of tank inside, removal and refixing of tank cover, float valve etc. complete as per direction of MIC. (Grading concreting if any shall be paid extra)	Each	40	647.00	25880.00
60	Repair of manhole with inside plaster and punning of tank wall and bottom of the tank including dismantling of damaged plaster, hacking, removal of debris, closing and opening of inlet and outlet, etc. complete as per direction of MIC.	Sqm	8	156.60	1252.80
61	Providing and fixing of chicken wire mesh over concrete and masonry joint with M.S nails @ 150mm spacing, making fit with the wall, straightening, leveling etc. complete as per direction of MIC.	Sqm	8	196.73	1573.84
62	Providing and applying acrylic paste wall putty of approved make like Asian paint/Birla /Berger of 2mm thickness in two coats over plastered new /old surface including scrapping, sand papering, closing all holes and depressions, cleaning, scarifying the existing surface by mechanical/ manual means preparation of surface, watering, scaffolding with all bye works complete as per manufacturer's specification etc. to prepare the surface even and smooth complete as directed of Manager-in-charge.	Sqm	3200	100.95	323040.00
			0	Total	610951.04
I	PAINTING		0		
63	Removing white or colour wash by machine scrapper and sand papering and preparing the surface smooth including necessary repairs to scratches with putty , scaffolding etc complete.	Sqm	160	12.47	1995.20
64	Removing dry or oil bound distemper by machine scrapper and sand papering and preparing the surface smooth including necessary repairs to scratches with putty, scaffolding etc complete.	Sqm	3200	15.98	51136.00
65	Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour including cleaning and preparation of surface with all bye works complete as per manufacturer's specification.- Old work (one or more coats)	Sqm	10000	42.12	421200.00
66	Do- New work (two or more coats)	Sqm	30000	71.78	2153400.00
67	Painting with plastic emulsion paint of approved brand and manufacturer to give an even shade in wall, ceiling of any kinds including cleaning and preparation of surface with all bye works as per instruction of MIC.- Old work (one or more coats)	Sqm	80	74.22	5937.60
68	Painting with plastic emulsion paint of approved brand and manufacturer to give an even shade in wall, ceiling of any kinds including cleaning and preparation of surface with all bye works as per instruction of MIC.- New work (two or more coats)	Sqm	80	112.79	9023.20
69	Providing and applying one priming coat of red oxide zinc chromate primer of approved brand and manufacture confirming to IS:2074 on old steel work including cleaning of rust, scales, dust etc. all	Sqm	80	44.45	3556.00

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1	2	3	4	5	6= (3 x 5)
	complete.				
70	Providing & applying high gloss synthetic enamel paint of approved brand of required colour of approved brand to give an even shade on wall / floor/ road/ steel or wood work including cleaning and preparation of surface with all bye works . - Old work (one or more coats)	Sqm	12800	70.11	897408.00
71	Do- New work / old work (two or more coats)	Sqm	1600	106.56	170496.00
72	Providing and applying with premium acrylic smooth exterior paint of approved brand i.e. "Berger Weather coat Long life/ Asian Apex Ultima/ Nerolac Excel Total /Dulux Weather Shield Max" of required shade applied @ 0.83 Ltr/ 10 Sqm including cleaning preparation of surface at all height and location with all bye work complete as per specification and direction of MIC. to give an even shade.- Old work (one or more coats)	Sqm	80	58.72	4697.60
73	Do- New work/ old work (two or more coats) over @ 1.43 Ltr/ 10 Sqm over existing paint surface	Sqm	80	85.71	6856.80
74	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	Sqm	400	52.63	21052.00
			0	Total	3746758.40
J	DISMANTLING/ DEMOLISHING		0		
75	Dismantling/ demolishing of Brick work in sub structure like foundation, plinth, drain etc. including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Cum	8	837.73	6701.84
76	Dismantling/ demolishing of Brick work with cement mortar in super structure of all heights above plinth including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Cum	8	1288.82	10310.56
77	Dismantling/ demolishing of Plain cement concrete(roof grading, pavement, flooring, gola etc. out side the building) including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Cum	16	1523.42	24374.72
78	Dismantling/ demolishing of RCC work including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr including cutting and straightening of reinforcement.	Cum	2	2222.47	4444.94
79	Dismantling/ demolishing of Mud phoska in terracing 100- 150mm thick. including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Cum	4	571.94	2287.76
80	Dismantling/ demolishing of Cement plaster/ Skirting including racking out of joints. including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Sqm	80	34.20	2736.00
81	Dismantling/ demolishing of Concrete floor 25/40mm thick (CC/mosaic/ IPS) inside the building including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Sqm	160	49.45	7912.00
82	Dismantling/ demolishing of Tile work in floor/roof/wall.(10mm to 25mm thickness) including stacking of serviceable material and disposal of unserviceable material within a lead of 100mtr.	Sqm	80	48.10	3848.00
83	Dismantling of damaged RCC OHT of capacity 270 to 1000 ltr capacity and disposal of debris upto a lead of 3.0 KM.	Each	8	503.84	4030.72
84	Hacking of concrete floor /pavements/ plinth protection etc at a spacing of 50mm chisel, hammer etc. carefully for bonding of new work with old work as per the direction of Manager-in-charge.	Sqm	800	2.20	1760.00
85	Cutting of hole up to 7.5x7.5cm in RCC floor and roofs for passing pipes etc. and repairing the hole after insertion of drain pipes etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof. Through opening size shall be considered as hole size. (Cement free issue)	Each	320	63.69	20380.80

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
86	Cutting of hole up to 15x15cm and above in RCC floor and roofs for passing drain pipes etc. and repairing the hole after insertion of drain pipes etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof. (Cement free issue)	Each	160	141.16	22585.60
87	Making holes up to 20x20cm and embedding pipe up to 150mmdia in masonry wall and filling with CC 1:2:4 including all cost complete as per direction of MIC (Cement free issue)	Each	320	75.30	24096.00
88	Cutting of holes up to (30x30)cm in walls including making good the same with fly ash bricks,plaster etc. (Cement and fly ash brick free issue)	Each	80	125.59	10047.20
89	Making chase/ grooves up to 7.5cm in wall for concealing pipe including making good with CC 1:3:6, plastering etc. after housing pipe etc. complete (Cement free issue)	RM	16	62.02	992.32
90	Drilling of holes in RCC cooking platform for L.P.G. rubber pipes with all tools, tackles, labour etc. complete as per direction of Manager-in-charge	Each	8	67.96	543.68
91	Cutting of reinforcement bar up to 12mm dia on chajja, parapet, slab or any type of RCC work by gas or hacksaw as per direction of Manager –in-charge.	Each	40	2.95	118.00
92	Dismantling of CI/AC/PVC rain water pipe/ waste pipe Up to 150mm dia pipe with fittings, clamps and stacking at owner's store / Nalco scrap yard as directed by MIC.	RM	400	48.80	19520.00
93	Dismantling of GI/UPVC pipe including stacking at owner store / Nalco scrap yard as directed by MIC (with all fittings in the line) up to 40mm nominal bore- Excavation and refilling shall be paid in relevant items)	RM	3200	8.41	26912.00
94	Dismantling and refixing of wash basin / sink with relocation of existing brackets, finishing, making good the patches with cement mortar etc.	Each	40	78.69	3147.60
95	Dismantling of all type of structural steel works from all heights and location and returning to Nalco stores / Nalco scrap yard as directed by MIC. with all cost complete.	Kg	160	3.65	584.00
96	Dismantling doors, windows and clerestory windows (steel or wooden) shutter including choukaths, hold fast etc. complete and stacking the material at the department store / Nalco scrap yard as directed by MIC including transporting as directed.- Of area 3Sqm and below	Each	800	240.66	192528.00
			0	Total	389861.74
K	REPAIR OF DOOR & WINDOW		0		
97	Taking out of door and window shutters/ grill (steel or wooden/ grill) from existing door, window, ventilator, cupboard etc. with all bye works and stacking at department store including transporting as directed. - Of area 3 Sqm and below	Each	800	93.40	74720.00
98	Repair of wooden panel door & window shutter by renewing the damaged stiles/ rails/paneling including removing and refixing of panel and old/new fittings with all cost of labour, jointing materials, T&P, carriage of shutter etc. complete as directed. New wood , board and fittings shall be paid extra separately. (Full area of shutter shall be measured for payment)	Sqm	1100	131.15	144265.00
99	Repairing of Choukath (wooden) including fixing of wooden piece with nail and screws etc. (use of wood shall be paid in separate item)	Each	40	36.51	1460.40
100	Labour charges for easing of door/ window shutter	Each	1000	20.95	20950.00
101	Fixing PVC/FRP choukath in existing opening in brick / RCC wall with dash fasteners of appropriate size / chemical fasteners (3nos on Each vertical member of door choukath and 2nos on vertical member of window 1.2mtr height as per COWED specification including cost of dash fastener. / chemical fastener.	Each	16	170.06	2720.96
102	Fixing of wire mesh with wooden fillate/beading in panel doors and windows excluding the cost of wire mesh.	Sqm	16	160.50	2568.00

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
103	Fixing of wooden door and window fittings with necessary screws as directed, including removing of existing old / damaged one if any. (excluding cost of fittings.)- Door closer/ mortise lock	Each	8	50.38	403.04
104	Do- Door stopper/ tower bolt/ handle/ ward robe knob/ wooden cleat/ hasp and staple/ hooks and eye/ hinges	Each	1600	11.56	18496.00
105	Do- Sliding door bolt	Each	40	25.18	1007.20
106	Do- Piano hinges	RM	40	50.38	2015.20
107	Fixing of wooden shutter (door, window, ventilator) in position but excluding cost of fittings as directed. (Labour cost only) - Door per leaf	Each	500	59.61	29805.00
108	Fixing of wooden shutter (door, window, ventilator) in position but excluding cost of fittings as directed. (Labour cost only) - Window/ ventilator per leaf	Each	1500	41.73	62595.00
109	Extra for carriage of door, window, ventilator etc. From department store for fixing in township quarters	Each	200	53.65	10730.00
110	Fixing of wooden doors, windows, ventilator chokath in existing opening including chipping if necessary and embedding chowkhats in floors or walls, cutting masonry for hold fasts embedding hold fasts in cement concrete blocks of size 15x10x10cm with cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) or by welding to steel frame or by both and making good the damages to wall, floor, plaster as required with all bye works and disposal of rubbish to dumping ground.(Cement free issue)- Door frame	Each	240	1145.72	274972.80
111	Fixing of wooden doors, windows, ventilator chokath in existing opening including chipping if necessary and embedding chowkhats in floors or walls, cutting masonry for hold fasts embedding hold fasts in cement concrete blocks of size 15x10x10cm with cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) or by welding to steel frame or by both and making good the damages to wall, floor, plaster as required with all bye works and disposal of rubbish to dumping ground.(Cement free issue)- Window frame	Each	400	718.88	287552.00
112	Fixing of MS grill in wooden chokath/ steel frame with necessary screw and / or welding as per the requirement at site.	Sqm	800	157.39	125912.00
113	Providing & fixing of ply board of Century, Kitply, Green ply, mayur brand and of required size with necessary screw and nails as directed (in door, window, cupboard, partition etc.)-12mm th. BWP ply IS: 303	Sqm	40	608.58	24343.20
114	Providing & fixing of ply board of Century, Kitply, Green ply, mayur brand and of required size with necessary screw and nails as directed (in door, window, cupboard, partition etc.)-18mm th. BWP ply IS: 303	Sqm	640	817.24	523033.60
115	Renewal of old putty or refixing of old glass panes at all heights up to 10Mtr EL with sash putty of approved brand (Superfix) and necessary clip and nails including removing of old putty, cleaning of glass panes, staging and scaffolding, painting one coat of synthetic enamel paints over the putty lining surface and all bye works etc. all cost complete as per specification and direction of Manager-in-charge.	Sqm	80	167.74	13419.20
116	Renewing glass panes in windows / ventilators/doors including supplying and fixing special metal sash putty of approved brand and manufacture confirming to IS-419 and necessary glazing clips / nails for ground floor, removing and disposing of broken glass and old putty to identified place as directed including staging, scaffolding and all bye works etc. all cost complete as per specification and direction of Manager-in-charge.- Glass panes (pin head) 4mm thick	Sqm	16	433.67	6938.72

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
117	Do- Glass panes (float glass) 4mm thick	Sqm	8	445.26	3562.08
118	Do- Glass panes (float glass) 5mm thick	Sqm	8	594.90	4759.20
119	Extra labour charge for fixing of glass in First floor (all type of glass)	Sqm	80	65.58	5246.40
120	Extra labour charge for fixing of glass in Second floor and above.(all type of glass)	Sqm	40	131.15	5246.00
121	Providing and fixing fly proof galvanized MS wire gauge to windows, ventilator, door etc. using galvanized MS wire gauge with average width of aperture 1.4mm in both direction with wire of dia 0.63mm.- With beading, nail, screw etc as required all cost complete. (Wooden beading if required shall be paid in the respective item)	Sqm	80	631.62	50529.60
122	Do- stainless steel wire mesh of aperture 1.5mm with wire of dia 0.63mm with wooden fillet and necessary nails.	Sqm	560	1278.91	716189.60
			0	Total	2413440.20
L	SANITARY ITEMS		0		
123	Providing and fixing of following white vitreous china (porcelain) sanitary fitting (Hindware/ Perryware/ Neycer/ Cera make) including making all connections but excluding the cost of other fitting as per direction of MIC including replacing by removing/ dismantling of damaged material and stacking or disposal of debris to identified area within a lead of 1.0KM where ever required etc. complete.- Flat back wash basin size 550x400mm (Cement free issue)	Each	40	2496.18	99847.20
124	Do- Kitchen sink size 600x450x250mm (Cement free issue)	Each	16	2998.32	47973.12
125	Do- Indian type Orissa pattern WC pan of size 580x440mm excluding the cost of dismantling/ cutting of floor	Each	16	2231.05	35696.80
126	Do- Pedestal type WC pan (European type/ Wash down type)	Each	8	1996.43	15971.44
127	Do- Draining board size 600x450x25mm	Each	8	1495.72	11965.76
128	Fixing of stainless steel kitchen sink of overal size 610x 460mm in place of mosaic sink in the existing space of different quarters at all heights with dismantling of existing sink, necessary relocation of existing bracket if required complete with all labour, tool and tackles etc. If necessary, cutting of existing Kuddappa stone / concrete slab on kitchen platform and cutting/ chipping of wall surface and any other bye work like finishing with white cement etc. and making good the surfaces with all cost complete including disposal of debris within 100m lead as per direction of MIC. (The stainless steel sink and waste coupling will be supplied by Nalco at its store as free issue materials) (cement free issue)	Each	40	684.00	27360.00
129	Providing and fixing of stainless steel kitchen sink of overal size 610x 460mm in the existing space of different quarters at all heights with dismantling of existing sink, necessary relocation of existing bracket if required complete with all labour, tool and tackles etc. If necessary, cutting of existing Kuddappa stone / concrete slab on kitchen platform and cutting/ chipping of wall surface and any other bye work like finishing with white cement etc. and making good the surfaces with all cost complete including disposal of debris within 100m lead as per direction of MIC. on basis of separate approval (cement free issue)	Each	8	3184.15	25473.20
130	Providing and fixing of CI/MS brackets for wash basin/ sink (grouting type) grouted in wall with cement concrete and making the wall good and including painting of brackets (cement free issue)- Including cost of CI brackets.	Each	40	80.60	3224.00
131	Do- Excluding cost of CI brackets.	Each	80	50.38	4030.40
132	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodized aluminium angle frame with CP brass, brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete.	Each	40	738.08	29523.20

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
133	Providing and fixing 10 lit. capacity low level PVC flushing cistern with manually control device (handle lever) conforming to IS-7231 of (Parry ware/ Hindware / Seabird/ Orient Coral) make with all integral fittings 40mm flush bend CI/MS bracket and fixtures complete including removing the old one where ever required. (flush pipe for Indian type WC shall be paid extra)	Each	16	876.78	14028.48
134	Extra for providing and fixing 40mm dia long flush bend pipe connection for Indian type WC low level cistern including cutting of floor, jointing, grouting with CC 1:2:4 and making good the floor finished smooth etc complete including removing the existing damaged one where ever required. (cement free issue)	Each	80	101.81	8144.80
135	Providing and fixing white solid plastic seat with lid for pedestal type WC pan complete	Each	16	500.67	8010.72
136	Providing and fixing MS holder bat clamps of approved design to CI/ PVC pipe including drilling MS screw 75mm length and PVC clips etc. including cutting hole and racking gap all bye works complete 100mm dia pipe	Each	40	42.22	1688.80
137	Providing and fixing MS holder bat clamps of approved design to CI/ PVC pipe including drilling MS screw 75mm length and PVC clips etc. including cutting hole and racking gap all bye works complete -75mm dia pipe	Each	40	38.00	1520.00
138	Providing and fixing 600x450mm size Beveled edge mirror superior glass of approved quality complete with 6mm hard board / AC sheet ground fixed to wooden cleat with CP brass screw and washers complete including removing, dismantling of existing damaged mirror and disposal if required.	Each	64	1006.01	64384.64
139	Labour charges for fixing PVC rain water pipe on wall surface, waste water sewerage line etc including jointing with seal ring ,carriage, tools and tackles, scaffolding etc. all bye works etc all elevation - 50/75mm dia	RM	80	87.34	6987.20
140	Labour charges for fixing PVC rain water pipe on wall surface, waste water sewerage line etc including jointing with seal ring ,carriage, tools and tackles, scaffolding etc. all bye works etc all elevation - 110mm dia	RM	400	105.97	42388.00
141	Labour charges for fixing PVC moulded fittings / accessories for UPVC rain water and sewerage waste pipe line including jointing with seal ring, carriage, tools and tackles, scaffolding etc. all bye works etc all elevation - 75 mm dia (coupler, single and cross tee, plain and door bend, shoe, cowel, WC connector)	Each	80	25.24	2019.20
142	Do- 110 mm dia (coupler, single and cross tee, plain and door bend, shoe, cowel, WC connector)	Each	400	31.60	12640.00
143	Labour charges for fixing PVC floor trap/gully trap for UPVC sewerage waste pipe line including jointing with seal ring , carriage, tools and tackles, scaffolding etc. all bye works etc all elevation - 75/110 mm inlet and outlet (Floor trap, nahani trap, WC trap)	Each	40	67.01	2680.40
			0	Total	465557.36
M	WATER SUPPLY (PPR, CPVC & GI PIPE)		0		
144	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of MIC. (External work) for new connection- 15mm nominal outer dia pipes	RM	40	177.85	7114.00
145	Do- 20mm nominal outer dia pipes	RM	3000	222.46	667380.00
146	Do- 25mm nominal outer dia pipes	RM	1500	286.41	429615.00
147	Do- 32mm nominal outer dia pipes	RM	200	362.74	72548.00
148	Do- 40mm nominal outer dia pipes	RM	16	470.64	7530.24

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
149	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp ,having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints, fixing the pipe with clamps @ 1.0 mtr spacing, applying white cement wherever required complete as per direction of MIC. (Internal work) for new connection- 15mm nominal outer dia pipes	RM	40	211.77	8470.80
150	Do- 20mm nominal outer dia pipes	RM	80	269.12	21529.60
151	Do- 25mm nominal outer dia pipes	RM	40	323.72	12948.80
152	Do- 32mm nominal outer dia pipes	RM	16	421.33	6741.28
153	Do- 40mm nominal outer dia pipes	RM	16	568.70	9099.20
154	Labour charges for laying, fixing of CPVC pipe including jointing of pipe and fittings with CPVC solvent cement and clamp as per direction of Manager –in-charge.-15mm to 20mm nominal outer dia pipes	RM	800	6.58	5264.00
155	Do- 25mm to 32mm nominal outer dia pipes	RM	400	10.11	4044.00
156	Do- 40mm to 50mm nominal outer dia pipes	RM	40	13.40	536.00
157	Making connection of GI distribution branch with GI main 25mm to 40mm nominal bore by fixing Tee, including cutting and threading the pipe etc. complete. (excluding the cost of fittings)	Each	40	590.47	23618.80
158	Labour charges for fixing of bib cock and pillar cock	Each	80	10.08	806.40
			0	Total	1277246.12
N	CI PIPE AND SPECIAL		0		
159	Dismantling and removing of old CI pipe line including CI special, taking out the pipes, breaking lead caulked joint, melting of lead and making into blocks including transportation and stacking of CI pipes and led from site to department store with all tools and tackles excluding the cost of excavation.-80mm dia	RM	160	49.69	7950.40
160	Do- 100mm dia	RM	600	55.69	33414.00
161	Do- 150mm dia	RM	8	70.18	561.44
162	Removal of existing ferrule and clearing of any chockage including trenching refilling and refixing the ferrule in position.	Each	40	86.94	3477.60
163	Taking delivery from manufacturing site and placing Over Head Tank opening cover 600mm dia.	Each	80	50.38	4030.40
164	Supply of Gelix WP Insta H2O proof/ Dr. Fixit/ Fosroc water proof material of make ESBE infrastructure in 20Ltr pack	Ltr	16	211.61	3385.76
165	Cleaning of OHT of capacity 270 to 1000 ltr capacity manually and disinfecting with bleaching powder including removing, refixing of slabs closing and opening of outlet, inlet pipe line , removal and refixing of float vlave, draining out water, etc as per direction of MIC.	Each	40	110.30	4412.00
			0	Total	57231.60
O	DRAINAGE		0		
166	Providing and laying non pressure NP2 class RCC pipes with collars jointed with spun yarn caulking and stiff mixture of cement mortar in proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc. complete excluding the cost of collar. (Cement issued free of cost)- 150mm dia RCC pipe	RM	16	402.14	6434.24
167	Do- 250mm dia RCC pipe	RM	16	656.28	10500.48
168	Do- 300mm dia RCC pipe	RM	16	750.88	12014.08
169	Extra for providing and fixing of collar for NP2 class RCC pipes for repairing works of existing line- 150mm dia	Each	16	24.68	394.88
170	Do- 250mm dia	Each	16	45.84	733.44

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
171	Do- 300mm dia	Each	16	49.37	789.92
172	Removing and refixing of cover slab of size upto 0.60 Sqm over inspection chamber/ manhole/ drain etc. for repair and cleaning purpose including dismantling of side concrete if any required for removal of slab and making good the damaged as required, disposal of derbies as per direction of Manager –in-charge. (Payment for repairing of concrete, brick work, plaster and punning shall be paid extra in respective item)	Each	16	256.22	4099.52
173	Making connection of drains or sewerage line with existing manhole including cutting and making good the walls, floors with cement concrete 1:2:4 (1 cement:2 sand:4 graded stone aggregate 20mm nominal size)and cement plaster on both side with cement mortar 1:3(1 cement:3 sand) finished with a floating coat of neat cement and making necessary channel for the drains etc. complete - 100 to 230mm dia	Each	16	514.59	8233.44
174	Do- 250 to 300mm dia	Each	16	602.68	9642.88
175	Removing chockage and cleaning of gully trap/ floor trap/ WC trap (bath/ kitchen/ water closet) including removal and refixing of trap grating, concrete cover of traps and disposal of debris upto 50 mtr etc. complete.	Each	16	68.08	1089.28
176	Cleaning of manhole/ inspection chamber including removing and refixing of manhole cover.	Each	16	120.92	1934.72
177	Removing chockage and cleaning of waste pipe line (75/ 100mm dia CI pipe from WC / Floor trap to Gully trap/ inspection chamber of length up to 15 Mtr.) including opening and refixing of door, insert plate, scaffolding, trap grating, concrete cover of traps etc and disposal of debris upto 50 mtr. complete all bye works.	Each	16	60.46	967.36
178	Taking delivery form store and fixing of manhole cover (CI/RCC/SFRC) of various size including stacking of useful material as directed by Manager –in-charge.- Cover with frame size 600m internal dia	Each	16	131.00	2096.00
179	Do- Cover without frame size 600m internal dia	Each	16	105.81	1692.96
180	Repair of gully trap chamber with cement concrete 1:2:4 of 75mm thickness on all sides around trap mouth inside chamber including closing of rat holes, removal and refixing of slab, plastering, punning of inside walls of chamber, earth work, cleaning of chamber and sewer line upto manhole , back filling if any etc. complete as per direction of MIC. (brick work if any will be paid extra).	Each	80	91.18	7294.40
			0	Total	67917.60
P	SUPPLY OF MATERIAL		0		
181	Supply of materials of approved quality and brand including delivery at department store/ at site with all cost complete as per the instruction of MIC. - MS Oxidized Butt hinges 125x 65x2.12mm	Each	40	15.25	610.00
182	Do- MS Oxidized Butt hinges 100x58x1.90mm	Each	160	10.60	1696.00
183	Do- MS Oxidized Butt hinges 75x47x1.70mm	Each	160	7.40	1184.00
184	Do- MS Oxidized Butt hinges 50x37x1.50mm	Each	80	6.20	496.00
185	Do- MS nickel plated Piano hinges 35x 1.0mm thick	RM	80	51.60	4128.00
186	Do- MS Cup hinges for steel window	Each	40	20.87	834.80
187	Do- MS Oxidized Hasp & staple 115mm	Each	16	12.70	203.20
188	Do- MS Oxidized Hasp & staple 90mm	Each	16	9.90	158.40
189	Do- MS screw 25mm (Packet of 100 Pcs)	Pkt	40	42.20	1688.00
190	Do- MS screw 50mm (Packet of 100 Pcs)	Pkt	40	89.15	3566.00
191	Do- Knob for cupboard nickel plated 25mm	Each	40	15.12	604.80
192	Do- Anodized aluminium Handle 125mm (Alto make) with base plate 175x32mm	Each	400	38.00	15200.00
193	Do- Anodized aluminium Handle 100mm (Alto make) with base plate 150x32mm	Each	400	32.30	12920.00
194	Do- Anodized aluminium Sliding door bolt 300x16mm	Each	40	172.44	6897.60
195	Do- Anodized aluminium tower bolt 250x10mm	Each	80	56.40	4512.00

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1	2	3	4	5	6= (3 x 5)
196	Do- Anodized aluminium tower bolt 150x10mm	Each	400	35.70	14280.00
197	Do- Anodized aluminium tower bolt 100x10mm	Each	800	26.50	21200.00
198	Do- Roller for stainless steel sliding arrangement in cupboard	Each	16	10.60	169.60
199	Do- Wooden fillet size 12x12mm	RM	800	5.79	4632.00
200	Do- Seasoned hard wood plank Size 50x35mm	RM	400	50.38	20152.00
201	Do- Seasoned hard wood plank 75x35mm	RM	160	70.40	11264.00
202	Do- Seasoned hard wood plank 100x35mm	RM	1200	90.69	108828.00
203	Do- Seasoned hard wood plank 150x35mm	RM	200	131.00	26200.00
204	Do- Seasoned hard wood plank 200x35mm	RM	100	176.34	17634.00
205	Do- Dr. Fixit Crack-X Paste for crack sealing.	Kg	20	302.30	6046.00
206	Supply of white cement	Kg	40	20.29	811.60
207	Supplying of PTMT - symet bath assets of Prayag make- Waste coupling & gratings- 31/32mm 79x62mm (code 101)	Each	16	39.90	638.40
208	Do- 38/40mm 83x77mm (code 102)	Each	16	56.30	900.80
209	Do- 100mm doom without hole (code 111)	Each	16	23.50	376.00
210	Do- 125mm doom without hole (code 112)	Each	16	35.20	563.20
211	Do- 125mm doom with hole (code 113)	Each	16	35.20	563.20
212	Supplying of PTMT - symet bath assets of Prayag make- Bath fittings- Bib cock standard 15mm (code-121/122)	Each	80	83.30	6664.00
213	Do- Bib cock long body 15mm (code-124)	Each	16	136.00	2176.00
214	Do- Stop cock15mm 86x90x43mm (code 141/142)	Each	8	83.30	666.40
215	Do- Stop cock 20mm 86x86x15mm (code 143)	Each	8	113.80	910.40
216	Do- Stop cock 15mm angular 125x59x42mm (code 144)	Each	8	117.30	938.40
217	Do- Stop cock 15mm concealed 113x65x59mm (code 146)	Each	8	156.60	1252.80
218	Do- Stop cock 20mm concealed 118x68x59mm (code 148)	Each	8	171.30	1370.40
219	Supplying of PTMT - symet bath assets of Prayag make- Ball cock complete with epoxy coated aluminium rod and HD ball - 15mm float valve (Code 151)	Each	16	117.30	1876.80
220	Do- 20mm float valve (Code 152)	Each	16	158.40	2534.40
221	Do- 25mm float valve (Code 153)	Each	16	340.20	5443.20
222	Supplying of PTMT - symet bath assets of Prayag make- Ball cock body (without rod and ball)- 15mm float valve (Code 161)	Each	16	68.00	1088.00
223	Do- 20mm float valve (Code 162)	Each	16	91.82	1469.12
224	Do- 25mm float valve (Code 163)	Each	16	197.19	3155.04
225	Supplying of PTMT - symet bath assets of Prayag make- Tank nipple- 15mm 67x40x40mm (code 331)	Each	16	35.20	563.20
226	Do- 20mm 69x43x43mm (code 332)	Each	16	63.34	1013.44
227	Do- 25mm 81x51x51 (code 333)	Each	8	91.50	732.00
228	Supply of CP bath assets of L&K or equivalent make - Bib cock 15mm code-0057	Each	8	340.20	2721.60
229	Supply of CP bath assets of L&K or equivalent make - Bib cock long body 15mm code-0047	Each	4	451.64	1806.56
230	Supply of CP bath assets of L&K or equivalent make - Stop cock 15mm code-0087	Each	4	439.90	1759.60
231	Supply of CP bath assets of L&K or equivalent make - Stop cock 20mm code-0097	Each	4	463.53	1854.12
232	Supply of CP bath assets of L&K or equivalent make - Concealed stop cock 15mm code-0107	Each	4	504.43	2017.72
233	Do- Concealed stop cock 20mm code-514F	Each	4	610.65	2442.60
234	Do- Angle stop cock 15mm code-526	Each	4	359.74	1438.96
235	Do- MS clamp for GI pipe fixing 15mm to 25mm	Each	400	10.59	4236.00
236	Do- Teflon Tape	ROLL	16	15.23	243.68
237	Do- M-Seal (50gm) per packing	Each	16	15.23	243.68
238	Do- Plastic bib cock	Each	40	53.32	2132.80

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
239	Supplying UPVC SWR (soil waste rain water) pipe conforming to IS-13592 -1992 with rubber seal ring conforming to IS:5382 on wall surface and drainage (Supreme make or equivalent) - Type-A pipe for ventilator and rain water.75mm OD wall thickness 1.8 to 2.2mm (4Kg/CM2)	RM	40	70.07	2802.80
240	Do- 110mm OD wall thickness 2.2 to 2.7mm	RM	160	143.19	22910.40
241	Supplying PVC pipe clips of Supreme make or equivalent for rain water/ vent pipes with MS screw of required length and PVC sleeves.75mm dia	Each	40	17.60	704.00
242	Do- 110mm dia	Each	80	16.42	1313.60
243	Supplying UPVC soil waste drainage pipe fittings rubber ring type as per DIN-19531 & DIN-19534 conforming to IS-14735-1999 with rubber seal ring conforming to IS-5382 (Supereme make or equivalent).Coupler 75mm dia	Each	40	21.10	844.00
244	Do- Coupler 110mm dia	Each	40	37.53	1501.20
245	Do- Reducer 110x75mm	Each	40	51.79	2071.60
246	Do- Single tee 75mm dia	Each	40	53.96	2158.40
247	Do- Single tee 110mm dia	Each	40	95.02	3800.80
248	Do- Single tee with door 75mm dia	Each	16	69.21	1107.36
249	Do- Single tee with door 110mm dia	Each	16	107.92	1726.72
250	Do- Reducing tee 110x75mm	Each	16	79.22	1267.52
251	Do- Cross tee 75mm dia	Each	8	89.88	719.04
252	Do- Cross tee 110mm dia	Each	8	121.87	974.96
253	Do- Cross tee with door 75mm dia	Each	8	130.25	1042.00
254	Do- Cross tee with door 110mm dia	Each	8	159.62	1276.96
255	Do- Bend 87.5 deg 75mm	Each	40	41.06	1642.40
256	Do- Bend 87.5 deg 110mm	Each	40	69.21	2768.40
257	Do- Door bend (TS/RS./LS) 75mm dia	Each	40	56.37	2254.80
258	Do- Door bend (TS/RS./LS) 110mm dia	Each	40	95.21	3808.40
259	Do- Vent cowl 75mm dia	Each	40	13.72	548.80
260	Do- Vent cowl 110mm dia	Each	40	19.75	790.00
261	Do- Shoe 75mm	Each	40	18.37	734.80
262	Do- Shoe 110mm	Each	80	31.96	2556.80
263	Do- WC connector straight 125x110mm dia, length 450mm	Each	40	114.25	4570.00
264	Do- P- trap 125x110mm without WC ring	Each	40	173.66	6946.40
265	Do- P- trap 125x110mm with WC ring	Each	40	186.60	7464.00
266	Do- S- trap 125x110mm with WC ring	Each	16	190.41	3046.56
267	Do- Nahani trap / floor trap without jali 75mm	Each	16	60.94	975.04
268	Do- Nahani trap / floor trap without jali 110mm	Each	40	60.94	2437.60
269	Do- Nahani trap / floor trap with jali 75mm	Each	16	65.50	1048.00
270	Do- Nahani trap / floor trap with jali 110mm	Each	40	65.50	2620.00
271	Do- PVC gully trap	Each	160	131.16	20985.60
272	Supplying CPVC pipe and fittings of Supreme, Ajay Flowline, Oriplast or equivalent as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp ,- CPVC Pipe - 15mm nominal bore	RM	80	36.31	2904.80
273	Do- 20mm nominal bore	RM	1600	58.19	93104.00
274	Do- 25mm nominal bore	RM	400	84.96	33984.00
275	Do- 32mm nominal bore	RM	80	122.39	9791.20
276	Do- 40mm nominal bore	RM	16	171.06	2736.96
277	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC coupler-15mm nominal bore	Each	40	7.09	283.60
278	Do- 20mm nominal bore	Each	400	10.28	4112.00
279	Do- 25mm nominal bore	Each	160	17.66	2825.60
280	Do- 32mm nominal bore	Each	40	30.70	1228.00

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
281	Do- 40mm nominal bore	Each	16	56.37	901.92
282	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC Elbow 90 deg- 15mm nominal bore	Each	16	9.53	152.48
283	Do- 20mm nominal bore	Each	800	12.41	9928.00
284	Do- 25mm nominal bore	Each	160	26.66	4265.60
285	Do- 32mm nominal bore	Each	40	50.26	2010.40
286	Do- 40mm nominal bore	Each	16	95.21	1523.36
287	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC equal tee- 15mm nominal bore	Each	16	12.95	207.20
288	Do- 20mm nominal bore	Each	160	21.32	3411.20
289	Do- 25mm nominal bore	Each	40	34.27	1370.80
290	Do- 32mm nominal bore	Each	16	64.74	1035.84
291	Do- 40mm nominal bore	Each	8	116.53	932.24
292	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp - CPVC union-15mm nominal bore	Each	16	35.81	572.96
293	Do- 20mm nominal bore	Each	160	65.49	10478.40
294	Do- 25mm nominal bore	Each	40	92.16	3686.40
295	Do- 32mm nominal bore	Each	16	109.68	1754.88
296	Do- 40mm nominal bore	Each	8	180.51	1444.08
297	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp - CPVC end cap-15mm nominal bore	Each	16	5.34	85.44
298	Do- 20mm nominal bore	Each	16	9.14	146.24
299	Do- 25mm nominal bore	Each	16	14.48	231.68
300	Do- 32mm nominal bore	Each	16	26.67	426.72
301	Do- 40mm nominal bore	Each	8	39.61	316.88
302	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC reducing bush- 20x15mm dia	Each	16	6.87	109.92
303	Do- 25x15mm dia	Each	16	16.00	256.00
304	Do- 25x20mm dia	Each	40	11.42	456.80
305	Do- 32x25mm dia	Each	16	18.28	292.48
306	Do- 40x25mm dia	Each	8	34.28	274.24
307	Do- 40x32mm dia	Each	8	39.61	316.88
308	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC reducer tee- 20x15mm dia	Each	8	30.47	243.76
309	Do- 25x15mm dia	Each	16	47.99	767.84
310	Do- 25x20mm dia	Each	40	53.89	2155.60
311	Do- 32x25mm dia	Each	8	83.79	670.32
312	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC Female threaded adopter (FTA) metal- 15mm dia	Each	16	94.44	1511.04
313	Do- 20mm dia	Each	40	121.86	4874.40
314	Do- 25mm dia	Each	8	188.89	1511.12
315	Do- 32mm dia	Each	4	400.62	1602.48
316	Do- 40mm dia	Each	4	449.37	1797.48
317	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp -CPVC male threaded adopter (MTA) metal- 15mm dia	Each	16	96.73	1547.68

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
318	Do- 20mm dia	Each	40	121.11	4844.40
319	Do- 25mm dia	Each	16	191.17	3058.72
320	Do- 32mm dia	Each	4	394.53	1578.12
321	Do- 40mm dia	Each	4	490.50	1962.00
322	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC threaded adopter (FTA) plastic-15mm dia	Each	16	12.19	195.04
323	Do- 20mm dia	Each	160	19.80	3168.00
324	Do- 25mm dia	Each	80	29.70	2376.00
325	Do- 32mm dia	Each	16	68.55	1096.80
326	Do- 40mm dia	Each	8	90.64	725.12
327	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC Female/ Male threaded adopter (MTA) plastic- 15mm dia	Each	16	9.15	146.40
328	Do- 20mm dia	Each	160	15.23	2436.80
329	Do- 25mm dia	Each	80	22.84	1827.20
330	Do- 32mm dia	Each	16	35.04	560.64
331	Do- 40mm dia	Each	8	51.80	414.40
332	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC Female threaded Tee metal 15mm dia	Each	8	57.88	463.04
333	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp- CPVC Female threaded elbow metal-15mm dia	Each	16	48.74	779.84
334	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC pipe clip (plastic)- 15mm to 20mm dia	Each	80	3.80	304.00
335	Supplying CPVC pipe and fittings of Ajay flowline, Ashirvad, Astral make as per IS15778-2007 having SDR 13.5 and working pressure of 2.18MPa at normal temp-CPVC ball valve (solvent weld) -15mm dia	Each	16	61.65	986.40
336	Do- 20mm dia	Each	16	105.87	1693.92
337	Do- 25mm dia	Each	16	196.51	3144.16
338	Do- 32mm dia	Each	16	351.88	5630.08
339	Do- 40mm dia	Each	8	559.81	4478.48
340	Do- 50mm dia	Each	8	622.95	4983.60
341	Providing and placing on terrace (all floor levels) water storage tank with cover and suitable locking arrangements and making necessary holes for inlet and outlet and over flow pipes but without fittings and base supports for tank - Polyethylene Tank of 1000 ltr/500ltr/250ltr etc capacity (Sintex, Electroplast, Star, Lotus or equivalent as per IS 12701.)	Ltr	4000	7.71	30840.00
			0	Total	745061.56
Q	MISCELLANEOUS WORK		0		
342	Carry out the work for receive and dispatch of file record keeping, receiving complaints, entry of complaints in the computer, record keeping, other office assistance and for miscellaneous civil works in township maintenance by engaging minimum of one semi-skilled worker per general shift basis.	Man days	16	1043.07	16689.12
343	Carry out the work for receiving complaints, entry of complaints in the computer, record keeping, other office assistance and for miscellaneous civil works in township maintenance by engaging minimum of one skilled worker per general shift basis.	Man days	16	1221.79	19548.64

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
344	Supply of labours for miscellaneous civil works as and when required for shifting of materials on trolley including all tools and tackles etc. Unskilled (Per Man-day)	Each	80	861.62	68929.60
345	Welding by electric plant/ gas plant with all cost complete for fixing MS fittings to steel doors, windows etc. for repair works as per direction of Manager –in-charge at different site with all cost complete.- MS butt hinges, Tee hinges, cup hinges tower bolt, sliding door bolt, MS handle, pegstay, helical door spring, holdfast, MS ring, steel window locking arrangement, MS lugs, MS cleats. Door closer	Each	400	25.18	10072.00
346	Welding by electric plant/ gas plant with all cost complete for fixing MS fittings to steel doors, windows etc. for repair works as per direction of Manager –in-charge at different site with all cost complete.- Piano hinges	RM	16	251.91	4030.56
347	Welding/Cutting by electrical plant with MS/GI/CI pipes including transpiration of electric welding plant at site etc. complete all cost and conveyance.	CM	80	2.96	236.80
348	Minor repair of trap mouth/ rain water pipe mouth with cement mortar 1:3 and cement slurry to close the voids around the trap/ pipe mouth upto 150mm all around the pipe for arresting water seepage including fixing of gratings if any including dismantling of concrete/ plaster, chipping, leveling, finishing & curing as per the direction of MIC.	Each	160	29.81	4769.60
349	Cutting, dismantling and refixing of floor trap of kitchen and bath including making good the same as per the following specification for repair of floor trap leakage- dismantling of concrete floor., removing of CI floor trap, jointing of trap joints water tight, back filling, making floor good by laying concrete (1:3:6) of 100mm thick over area (0.4x0.4)sq mt around trap mouth and 40mm thick IPS flooring over concrete area including removal and refixing of trap gratings with cement mortar/ slurry, disposal of debris within 1.0KM. excluding cost of floor trap. (Cement free issue)	Each	40	93.94	3757.60
350	Cutting of toilet floor for fixing of Indian type WC pan/ trap or repairing of trap joint leakage and making good the same after completing as per the following specification. -Dismantling of concrete floor., Removing of sand/ brick khoa/ earth up to the depth of trap bottom, Keeping the area clear for fixing and repairing of trap and pan. Refilling of sand/ brick khoa after completion fixing work, repairing of sunken slab area with application of brushbond, plastering, punning (if required), making floor good by providing 100mm thick PCC 1:5:10 and 25mm thick IPS flooring, Disposal of surplus earth and debris at disposal area within 250M excluding cost of WC and trap. This item will be operated specifically to arrest seepage of water from first floor toilet trap) (Cement free issue) (plaster, punning, brushbond payment extra).	SQM	16	431.76	6908.16
351	Repair of rain water pipe mouth leakage by cutting/dismantling of brick masonry / RCC, rain water pipe bend, chipping of floor etc. and refixing of rain water mouth piece including jointing, grouting concrete size 0.20x0.20x0.10 approx and making water tight and making good the same etc. with all labour, tools & tackles and all bye works etc. complete at all heights as per the direction of MIC excluding the cost of rain water mouth piece and water proofing compound. (Cement free issue)	Each	80	70.76	5660.80
352	Cleaning and washing of mosquito proof wire mesh net of door and windows/ glazed tile, dado/ enamel painted wall surface/ washable distemper surface etc. using soap water, washing soda or any other cleaning agent, finally washing with clean water as per direction of Manager –in-charge.	SQM	400	2.52	1008.00
353	Cleaning of vacant quarters after completion of all civil maintenance work with sweeping, watering, mopping, cleaning with detergent, including cleaning of all ceramic and sanitary fittings etc. with hydro chloric acid etc complete. For A & TA type quarters.	Each Qtr	330	163.94	54100.20

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SI No.	Item Description	Qty.	UoM	Rate (Excluding GST @ 18%) (In ₹)	Amount (Excluding GST @ 18%) (In ₹)
1	2	3	4	5	6= (3 x 5)
354	Cleaning of vacant quarters after completion of all civil maintenance work with sweeping, watering, mopping, cleaning with detergent, including cleaning of all ceramic and sanitary fittings etc. with hydro chloric acid etc complete. For C & TC type quarters.	Each Qtr	30	262.30	7869.00
355	Cleaning of vacant quarters after completion of all civil maintenance work with sweeping, watering, mopping, cleaning with detergent, including cleaning of all ceramic and sanitary fittings etc. with hydro chloric acid etc complete. For Hostel (TH, BH, RSSJN, VBMN, & SOT and other hostel.	Each unit	10	98.37	983.70
356	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Manager-in-charge. -Second class teak wood 35 mm thick shutters	Sqm	330	3168.20	1045506.00
				Total	1250069.78
	ALL TOTAL SECTION A TO Q			Total	12939758.52
	GST @18%				2329156.53
	Total with GST				15268915.05

Note :

- The bidder has to quote in percentage in the blue coloured cells up to two decimal places.
- After filing up the BOQ, the value obtained in the TOTAL AMOUNT INCLUDING GST Shall be quoted as the price for the contract in GeM portal.
- The bidder should check the total amount carefully w.r.t. estimated amount before quoting TOTAL AMOUNT.
- INCLUDING GST in GeM portal. Mismatch of value between Annexure - B4 (BOQ) and the input to GeM may lead to rejection of bid.
- Name of the bidder is to be entered in the Green Cell of the BOQ.
- The bidder have to convert this EXCEL sheet to PDF and upload the same in GeM portal at the Financial breakup location.

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ANNEXURE-B5

Minimum Wages of Contract Labours
W.E.F. 01/Apr/26

SL NO	CATEGORY	MINIMUM RATES OF WAGES PAYABLE INCLUSIVE OF WAGES FOR WEEKLY OFF, VDA & CANTEEN SUBSIDY			
		MINIMUM WAGE RATES (INCLUSIVE OF WAGES FOR WEEKLY OFF & VDA) IN Rs.	ADDITIONAL ELEMENT IN Rs.	CANTEEN SUBSIDY IN Rs	TOTAL IN Rs
1	UNSKILLED WORKER	556.00	57.28	31.24	644.52
2	SEMI SKILLED WORKER	693.00	57.28	31.24	781.52
3	SKILLED WORKER	827.00	57.28	31.24	915.52
4	HIGHLY SKILLED WORKER	964.00	57.28	31.24	1052.52

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ADDITIONAL PPE/SAFETY REQUIREMENT SPECIFIC FOR THE JOB OTHER THAN PPE MATRIX AND SAFETY REQUIREMENT SPECIFIED at Page 31,32,33**Write list of PPEs here.**

Department: Civil Maintenance (Township)	
Sl. No.	Description of PPEs
1.	Industrial Safety Shoes with 4" ankle height as per IS 15298 Part-II-2002 or its equivalent.
2.	Safety Helmet as per IS 2925:1984, material-HDPE or its equivalent.
3.	Safety Goggles as per IS 5983 or its equivalent.
4.	HF Nose Mask shall be FFP2 SL as per IS 9473-2001 or its equivalent
5.	Cotton Hand Gloves as per latest IS mark or its equivalent.

Note:

1. The PPEs issued must confirm to latest IS/DGMS approved or its equivalent standard.
2. In case of damage of any PPE of any PPE of workmen the same shall be replaced by the contractor irrespective of the time of use.
3. Frequency of issue:

Sl. No.	Item	Frequency of issue
1	Industrial Safety Shoe	1 pair per year.
2	Safety Helmet	1 No per 2 yrs.
3	Safety Goggles	1 No per year
4	Nose Mask	4 Nos. per month
5	Cotton Gloves	3 pairs per month

Declaration by the Bidder (Contractor)

I do hereby agree to provide the ISI/CE marked PPEs as required to ensure safe working conditions in consultation with NALCO's Safety Dept. to the workers to be engaged by me while working inside the plant. I also agree to follow the "Safety Code for Contractors" issued by Safety dept, Smelter Plant, NALCO.

(Signature of bidder)

PART –C

Formats for contract execution

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ANNEXURE-C1

FORWARDING LETTER AND UNDERTAKING

From: _____

To
Tender Inviting Authority
National Aluminium Company Ltd.

Sub: **Letter of Undertaking.**

1. Having carefully examined all the Tender Documents under reference no.
Date: we offer to complete the works in conformity with all the terms and conditions as detailed in the Tender Documents.
2. We here by confirm that we have downloaded the complete set of tender documents along with the set of enclosures hosted in www.gem.gov.in website. We confirm that the bid document has not been edited or modified by us. In case, it is observed by NALCO that the bid document has been edited or modified, we agree for the rejection of the bid by NALCO.
3. We undertake, if our tender is accepted, to commence the work from the effective date of contract and to carry out work as stipulated in the contract
4. We have submitted the Earnest Money Deposit amount through DD/BC/PO/BG as instructed by you.
5. We agree to abide by this Tender initially for a period as mentioned at point -7 of F-02 form as validity of offer from the date of opening of Tender and it shall remain binding on us and may be accepted at any time before the expiry of that period
6. **Further we agree to the Pre-Contract Integrity Pact which is part of this tender and has signed the Pre Contract Integrity Pact as at Annexure-C21 duly filled up for further necessary action at your end.**
7. Should this Tender be accepted, we hereby agree to abide by and fulfill all Terms and Conditions of Tender Document as accepted by us and in default thereof, to forfeit and pay to NALCO such sums of money as stipulated in conditions contained in Tender Documents. We understand that NALCO is not bound to accept the lowest or any Tenders received and NALCO reserves the right to reject any or all tender without any liability.
8. This Tender together with written "Acceptance" thereof, shall constitute a binding CONTRACT between NALCO and us, till a formal contract is executed.

Date _____ day of _____

Signature _____

(NAME IN BLOCK LETTERS)

(To be signed by authorized person.)

Fax:, Mob:

Email:

(Seal of the Company)

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ANNEXURE-C2

MANDATORY INFORMATION OF THE BIDDER

All Fields are Mandatory. Enclose Certificate/documentary evidence for fields marked with *.	
Authorized Signatory *	
Legal Name of Firm as per PAN *	
Trade Name of Firm as per GST *	
Postal address of the firm:	
House No. / Plot No	:
Street Name	:
City :	District :
State:	Pin Code : Country:
* GeM Portal Login ID:	
Phone No. :	Mobile No. :
Valid Email ID. :	
Gender : Male / Female / Other
Category : General / SC / ST
Type * Micro / Small/ Medium / Ancillary	Micro/Small/Medium..... Ancillary..... Yes/No
EPF No. :	ESI No. :
PAN No. :	GSTN No. :
Bank Name *.....Br.Name.....Br.Place.....	
Bank A/c No (enclose cancelled cheque)*..... IFS Code.....	

Date: _____

(Signature and official seal of the Proprietor / Authorized Person)

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ANNEXURE-C3

EXCEPTION / DEVIATION STATEMENT TO THE TENDER TERMS & CONDITIONS
In case of no deviation please write 'No Deviation' in the space below:

Sl. No	Reference of Tender Document			Subject	Deviation / Exception
	Page No.	Clause No.	Para No.		

Signature & Seal of bidder.

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ANNEXURE-C4

-: DECLARATION BY THE BIDDER :-

I _____ representing the bidder, do declare on behalf of the firm as hereunder :

* That, I am the PROPRIETOR of the bidder's firm. I undertake to submit proof of ownership as and when demanded by NALCO.

OR

* That I am the authorized signatory to the tender documents holding valid Power of attorney. Certified copy of the valid power of Attorney is enclosed with the offer.

NOTE: Strike out whichever is not applicable.

- (a) That, we do not have any FINANCIAL/PROFESSIONAL stake in any of the other bidders participating in this tender;
- (b) That, this firm has not been blacklisted/debarred/banned in any unit of NALCO/Other PSUs / GOVT of India/ State Govts/ Quasi Govt. organizations.
- (c) That, we are not in any arbitration/legal cases with NALCO and no cases are pending in court of law.
- (d) That, the proprietor/partners/directors/ employees of the firm have never been a part of any blacklisted/debarred/banned firms or company in any unit of NALCO/Other PSUs / GOVT of India/ State Govts/ Quasi Govt. organizations.
- (e) That, we have never been prosecuted by any statutory authority
- (f) That, any change in the constitution of the firm shall be made with prior clearance from NALCO.
- (g) That, we have studied all the clauses/sub-clauses terms and conditions of the tender documents including GCC and our offer fully comply with the requirements spelt out in the tender documents.
- (h) We undertake to abide by and comply with all the safety and environmental regulations in force in NALCO during the execution of work.
- (i) We undertake to abide by and comply with all the applicable provisions of laws governing contract workers engaged by you for this work.
- (j) We undertake to receive payment through E-payment mode.
- (k) The Annexure-C19 and Annexure-C20 regarding relatives working in NALCO are filled up and enclosed.
- ~~(l) The Annexure-C8 regarding present commitment of the tenderer are also properly filled up and enclosed.~~
- (m) That we have quoted the rates in figures as well as words.
- (n) We undertake that we do not have any unauthorized structure / construction inside Nalco-nagar Township or Plant. We also undertake to remove any / all such structures, if detected by Nalco later on in compliance of GCC terms and conditions.
- (o) We declare that all supporting documents of the offer submitted are attested by a Gazetted officer / Notary public.
- (p) **I/we declare that the document down loaded by me/my company is/are not tampered in any form.**
- (q) **We undertake that my workers shall use electronic Punch cards at the Plant gates at the time of entry and exit if introduced by NALCO. Failing which he shall not be allowed into the Plant.**

I further declare that all above statements are true. If at any time during pre-ordering/post ordering stage of the contract, it is found otherwise, action as deemed fit by NALCO including 'rejection of my offer' / 'banning/blacklisting' me/my firm / my company etc. may be taken. The same will be binding on me / firm / company represented by me. I also hear by authorize and request any bank, person, firm, corporation, Govt. Officers etc. to furnish pertinent information as deemed necessary and as requested by Nalco to verify this statement or regarding my/our competency and general reputation.

Date: _____

Signature Authorized Person With seal

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ANNEXURE-C5

Undertaking on Downloaded tender documents

We here by confirm that, we have downloaded the complete set of tender documents along with the set of enclosures hosted in Government E-Market Place Portal website, www.gem.gov.in. We confirm that the bid document has not been edited or modified by us and all pages have been submitted. It is confirmed that we have quoted as per the original NIT unless otherwise specifically mentioned as deviation in the deviation sheet.

Suppression of this information in any form if detected at any stage will be disqualification and will lead to rejection of the offer or termination of the contract as the case may be.

Date: _____

Signature Authorized Person With seal

TENDER No.:
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ANNEXURE-C6

PQC – Technical

Detailed Work Order and Execution Statistics

Sl. No.	W.O no	Work description	W.O Period. (From Dt ----- To dt-----)	W.O value (In Rs.)	Final Executed Value (in Rs.)	Completion date.	Page Ref. for attachmen t.
1	2	3	4	5	6	7	8

*Period for 6 months or more will be treated as One Year and less than 6 months will be ignored.

Signature of the Bidder

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ANNEXURE-C7

**PQC – Financial
Details of Turnover / Net worth**

NAME OF TENDERER: M/s.

(A) - TURNOVER (Profit & Loss Account)

SI No	Financial Year	Turnover in Rs Lakh	Document placed at Page No & File No
1	Last year		
2	1st Previous Year to Last Year		
3	2nd Previous Year to Last Year		

(B) - NETWORTH (Balance sheet)

SI No	Financial Year	Mention whether Networth is Positive/Negative	Document placed at Page No & File No
1	Last year	Positive/Negative	

Signature & Seal of bidder.

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ANNEXURE-C8

DETAILS OF PRESENT COMMITMENTS OF THE TENDERER

AS ON Dt. / / (*)
(Last day of Month Previous to Bid Due Date)

Name of Work: (*): _____.

Tender Reference No(*): _____.

I/We _____, age _____ years, son of _____ do hereby solemnly affirm and declare as follows for on behalf of Firm _____.

Sl. No.	Full postal Address of client & Name of Officer-in-Charge with telex / Telephone No.	Description of work	Value of contract	Date of commencement of work	Scheduled Completion period	Completion in % as on date	Expected date of completion	Amount of Balance work during the period of Next 12 Months from the date of declaration	Remarks
1	2	3	4	5	6	7	8	9	10
NOT APPLICABLE									

It is certified that the above particulars furnished are true and correct. If any information given is found to be misleading at a later date NALCO will have the authority to take necessary action as per provision of the contract and as per laid down procedure of the Company.

Signature of the bidder _____

Name of the Bidder _____

Company Seal

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ANNEXURE-C9

TAX INVOICE

[See Rule 46 of the Central Goods and Services Tax Rules, 2017]

Details of Supplier

Name
Address
GSTIN/Unique ID

ORIGINAL FOR RECIPIENT

DUPLICATE FOR SUPPLIER OF SERVICE
Date :
Inv Serial No. :
Service PO Ref. :

Details of Recipient (Billed to)

Name
Address
State
State Code
GSTIN/Unique ID
Place of supply:
Name of State:

Details of Consignee (Shipped to)

Name
Address of delivery
State
State Code
GSTIN/Unique ID

Sr. No.	Description of Goods / Services	HSN Code / SAC	Qty.	Unit	Rate (per item)	Total	Discount	Taxable Value	CGST		SGST /UTGST		IGST		CESS	
									Rate	Amt	Rate	Amt	Rate	Amt	Rate	Amt
	Freight															
	Insurance															
	Packing and Forwarding Charges															
	Total Invoice Value (In figure)															
	Total Invoice Value (In Words)															
	Amount of Tax subject to Reverse Charges															

E.&.O.E

Electronic Reference Number

Name of the Signatory
Designation / Status

Signature

Note:

- Payment of GST is subject to reflection of the party's invoice in GSTR 2A/Anx-2 (GST new return) of NALCO.
- In case of Supply of service, the tax invoice shall be as follows: "ORIGINAL FOR RECIPIENT", "DUPLICATE FOR SUPPLIER".
- The tax invoice can be signed with digital signature also.
- In case of unregistered recipient where the value of the taxable supply is less than INR 50,000/-, name and address of the recipient and the address of delivery, along with the name of the State and its code shall be recorded in the invoice if he requests for the same.
- Where an invoice is required to be issued under section 31(3)(f) of the CGST Act, a registered person may issue a consolidated invoice at the end of a month for supplies covered under section 9(4), the aggregate value of such supplies exceeds rupees five thousand in a day from any or all the suppliers.

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ANNEXURE-C10

**Bank MANDATE FORM for e-payment
(To be submitted in Duplicate)**

To
National Aluminium Company Limited
Nalco Nagar – 759145, Dist.-Angul, Orissa.

Dear Sir,
Sub. :- Authorization for release of payment due from NALCO.....through e-mode facilities of RTGS/NEFT/Internet Banking.

Refer Order No..... Date.....

And/ or Tender/ Enquiry/ Letter No..... Date.....

(Please fill in the information in CAPITAL LETTER PLEASE tick wherever it is applicable)

1. Name of the party :

2. Address of the party :

: City: Pin Code

E-mail ID :

Permanent Account Number. :

3. Particulars of Bank :

Bank Name		Branch name	
Branch Place		Branch City	
Pin Code		Branch Code	
MICR. No.			
Account type	Savings:	Current:	Cash Credit:
Account No.(as appearing in the Cheque Book).			
(9 digits code number appearing on the MICR band of the cheque supplied by the Bank. Please attach Xerox copy of a cheque of your bank for ensuring accuracy of the bank name, branch name & code and Account number)			
IFSC Code.			

4. Date from which the mandate should be effective:

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

Place:

Date:

Signature of the Party / Authorized Signatory

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

Bank's Stamp:

Date:

(Signature of the Authorized Official from the Banks)

N.B.: 1) RTGS / NEFT charges if any, is to borne by the party.

2) One cancelled cheque of the concerned bank with signature & stamp of the bidder is to be attached with the bank mandate form.

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ANNEXURE-C11

INDEMINTY BOND AGAINST FREE ISSUE MATERIAL TO SELLER/CONTRACTORS

WHEREAS National Aluminium Company Limited (here in after referred to as "THE OWNER") which expression shall unless repugnant to the context includes their legal representatives, successors and assigns having their registered office at "NALCO BHAWAN, P/1,NAYAPALLI, BHUBANESWAR-13, Orissa" has entered into a Contract with M/s _____ placed a Telex of intent _____ (here in after referred to as the "Contractor their legal representatives, successors and assigns")

On the terms and conditions as set out interalia, in the owner's Contract No. _____/WO/_____, Date:_____and various documents forming part thereof herein after collectively referred to as the "Said Contract" which expression shall include all amendments, modification and/or verification thereto.

AND WHEREAS:

- i) The owner subject to availability has agreed to supply to the contractor raw materials for the purpose of execution of the said contract by the "Contractor" (the raw materials to be supplied by the owner to the contractor herein after for the sake of brevity referred to as the "said materials") and pending execution by the "Contractor" of the said contract incorporating the said materials. The said materials shall be under the custody and charge of the contractor and shall be kept, stored, altered, worked upon and/or fabricated at the sole risk and expense of the contract.
- ii) As a pre-condition to the supply of the said materials by the owner to the "contractor", the owner has required the contractor to furnish to the owner an Indemnity Bond in the manner and upon terms and conditions herein after indicated.

NOW, THEREOF, in consideration of the promises aforesaid the contractor hereby irrevocably and unconditionally undertakes to indemnify and kept indemnified the owner from and against all loss, damage and destruction (inclusive but not limited to any or all loss of damage or destruction to or of the said materials or any item or part thereof by theft, pilferage, fire flood, storm, tempest, lightning, explosion, storage, chemical or physical action or reaction, bending, warping, exposure, resting, faulty, workmanship, faulty fabrication or faulty method or technique of fabrication, strike, riot, civil commotion or other act or omission or commission whatsoever within or beyond the control of the contractor, misuse an misappropriation (inclusive but not limited to misuse or misappropriation by the contractor and the contractor's servants and/or agents).

Whatsoever to or of in the said , materials or any part of item thereof from the date that the same or relative part of the item thereof or complete fabricated work(s) incorporating the said materials and undertake to pay to the owner forthwith on demand in writing with protest or demure the value AS SPECIFIED BY THE OWNER of the said materials or item or part thereof ,lost damage, destroyed, misused and /or misappropriated, as the case may be, TOGETHER WITH the owner's cost and expense (inclusive of but not limited to handling, transportation, cartage, freight, packing and inspection cost/expenses) upto _____ and aggregate limited or _____ (Rupees _____only) or ay penal recovery in respect of the same in the terms of the contract and the contractor hereby agree with the owner that:-

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- i) The indemnity/undertaking shall be continuing Indemnity/undertaking shall remain valid and irrevocable for all claims, of the owner arising hereunder up to and until the midnight of _____ HOWEVER, if the contract for which this indemnity/undertaking is given is not completed by this date, the *contractor hereby agree to extend the Indemnity/undertaking till time as required to fulfill the contract.
- ii) This Indemnity/undertaking shall not be determined or change of constitution or insolvency of the * contractor but shall be in all respects and for all purpose be binding and operative until payment of all money payable the owner in terms thereof.
- iii) The mere statement of allegation made by or on behalf of the owner in any notice or demand or other writing addressed to the * contractor as to any of the said materials or item or part thereof having been lost, damaged, destroyed, misused, or misappropriate while in the custody of the contractor and/or prior to the completion of the completion of the completed fabricated work(s) and delivery to job site thereof incorporating the said materials shall be conclusive of the fact of the said materials or item or part thereof having being supplied to the contractor and/or the loss, damaged, destruction, misused, or misappropriate thereof as the case may be, while in the custody of the contractor and/or prior to the completion of the completed fabricated work(s) and delivery to job site thereof incorporating the said materials without necessary of the part of the owner to produce any documentary proof or other evidence whatsoever in contract in support of this.
- iv) The amount sated in any notice of the demand addressed by the owner to the contractor as to the value of such said materials lost, damaged destroyed, misused or misappropriated, inclusive relative to the cost and expenses incurred by the owner in connection therewith shall be conclusive of the value of such said materials and the said cost and expense as also of the amount liable to be paid to be paid to the owner.

This Indemnity Bond is supplemental and not in super session of the contractual conditions.

The undersigned as full power to execute this Indemnity Bond on behalf of the contractor under the power delegated by the Board of directors of _____ vide its Board resolution dated _____ copy of which placed at Annexure-"A'

SIGNED BY COMPETENT AUTHORITY

Place:- SMELTER / CPP, NALCO,ANGUL

DATE:-

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ANNEXURE-C12

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(To be executed on non-judicial stamped paper of appropriate value)

B. G. No. _____

Date: _____

1. WHEREAS M/s National Aluminium Company Limited (A Government of India Enterprise), having its Unit/Office at(UNIT/OFFICE ADDRESS ISSUING THE TENDER) (hereinafter called "The Company" which expression shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has issued Tender paper vide its Tender No..... dt.....for(hereinafter called "the said tender") to M/s.(hereinafter called the said Tenderer(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns and as per terms and conditions of the said tender, the tenderer shall submit a Bank Guarantee for `(Rupeesonly) towards earnest money in lieu of cash.
2. WEBank, having its branch office at, IFS Code..... and Branch Mail ID.....do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Company stating that in the opinion of the company which is final and binding, the amount claimed is due because of any withdrawal of the tender or any material alteration to the tender after the opening of the tender by way of any loss or damage caused to or would be caused or suffered by the Company by reason of any breach by the said tenderers(s) of any of the terms and conditions contained in the said tender or failure to accept the Letter of Intent Agreement or that the amount covered under this Guarantee is forfeited. Any such demand made on the Bank by the Company shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ` (Rupees.....only).
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the tenderer(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the Company proceeding against the tenderer.
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said tenderer(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. WEBank Ltd. further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the finalization of the said tender and that it shall continue to be enforceable till the said tender is finally decided and order placed on the successful tenderer(s) and or till all the dues of the company under or by virtue of the said tender have been fully paid and its claims satisfied or discharged or till a duly authorized officer of the company certifies that the terms and conditions of the said tender have been fully and properly carried out by the said tenderer(s) and accordingly discharges the guarantee.

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6. That the Company will have full liberty without reference to us and without affecting this guarantee to postpone for any time or from time to time. The exercise of any of the power of the Company under the tender.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs..... (Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry, we shall be discharged from all the liabilities under this guarantee.
8. We.....Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing. We further undertake to keep this Guarantee renewed from time to time on the request of Tenderer(s).
9. WeBank further agree that this Guarantee shall be invocable at Angul / Bhubaneswar, (Bank), Branch office at....., IFS Code..... with Address....., PIN 75....., having Branch Mail Id.....

Date.....

Corporate Seal of the Bank

.....Bank

By its constitutional Attorney

Signature of duly Authorised person

On behalf of the Bank With seal & signature code

Details of Persons Issuing the BG:

Name-----

Address for Correspondence: -----

Telephone & Fax No.

E-mail:

Note: 1 : BGs to be furnished from any of the approved banks of NALCO.

Note 2: BG confirmation must be sent to our Banker through SFMS with the followings details :

Beneficiary : NATIONAL ALUMINIUM CO LTD.

Banker : State Bank of India

Branch : Kandsar(Nalco Nagar)

A/C No : 00000010657908589(CPP)/ 00000010657908114(Smelter)

IFSC Code : SBIN0008279

Address of Bank : AT/P.O – Kandsar, P.S - Nalco Nagar, Dist – Angul , ODISHA,, Pin - 759145

Mail id : sbi.08279@sbi.co.in

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ANNEXURE-C13

CONTRACT CUM PERFORMANCE BANK GUARANTEE BY SELLER/ CONTRACTOR.

(To be executed on non-judicial stamped paper of appropriate value)

B. G. No.....

Date.....

1. WHEREAS National Aluminium Company Limited (A Government of India Enterprise) having its Unit/Office at (UNIT/OFFICE ADDRESS WHERE THE WORK IS EXECUTED) (hereinafter referred to as "The Company" which expressions shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has entered into a contract with M/s. has placed a purchase order on M/s.....(hereinafter referred to as "Contractor(s)/Seller(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) for(work/assignment description) on the terms and conditions as set out inter alia, in the Company's contract No./ P.O. No.datedand various documents forming part thereof hereinafter referred to as the "said contract" which expression include all amendments, modifications and/ or variations thereto and whereas the Contractor(s)/Seller(s) has agreed for due execution of the entire contract and guarantees its performance including any parts executed through any other agencies/subcontractors.

AND WHEREAS one of the conditions of the "said contract" is that "contractor(s)/seller(s) shall furnish to the Company a Bank Guarantee from a bank for% (.....percent) of the total value of the "said contract" against due and faithful performance of the "said contract" including defect liability obligations and the performance guarantee obligations of the contractor(s)/seller(s) for execution/ supplies made under the "said contract."

2. WEBank, having its branch office at, IFS Code..... and Branch Mail ID.....do hereby agree and undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Company stating that in the opinion of the Company, which is final & binding, the amount claimed is due by reason of default made by the Contractor(s)/Seller(s) in performing any of the terms & conditions of the said Contract including defect liability obligations, in fulfilling the performance guarantee obligation or loss or damage caused to or would be caused to or suffered by the Company by reason of any breach by the said Contractor(s)/Seller(s) of any of the terms & conditions of the contract. Any such demand made on the Bank by the Company shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However our liability under this guarantee shall be restricted to ` (Rupees.....only).
3. We undertake to pay to the Company any money so demanded not withstanding any dispute or disputes raised by the contractor(s)/Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the Company proceeding against the Contractor(s)/Seller(s).
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said Contractor(s)/Seller(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/Order(s) are fulfilled.

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5. WeBank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract(s)/Order(s) and that it shall continue to be enforceable till all the dues of the company under or by virtue of the said Contract(s)/Order(s) have been fully paid and its claims satisfied or discharged or till a duly authorised officer of the Company certifies that the terms and conditions of the said Contract(s)/Order(s) have been fully and properly carried out by the said contractor(s) and accordingly discharges the guarantee.
6. WeBank further agree with the Company that the company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract(s)/Order(s) or to extend the time of performance by the said Contractor(s)/Seller(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor(s)/Seller(s) and to forbear or enforce any of the terms and conditions relating to the said Contract(s)/Order(s) and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s)/Seller(s) or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the said Contractor(s)/Seller(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs.....(Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry, we shall be discharged from all the liabilities under this guarantee.
8. We.....Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing. We further undertake to keep this Guarantee renewed from time to time at the request of Contractor(s)/Sellers(s).
9. WeBank further agree that this Guarantee shall be invocable at Angul / Bhubaneswar, (Bank), Branch office at....., IFS Code..... with Address....., PIN 75....., having Branch Mail Id.....

Date.....

Corporate Seal of the Bank

.....Bank

By its constitutional Attorney

Signature of duly Authorised person

On behalf of the Bank With seal & signature code

Details of Persons Issuing the BG:

Name-----

Address for Correspondence: -----

Telephone & Fax No.

E-mail:

Note: 1 : BGs to be furnished from any of the approved banks of NALCO.

Note: 2 : BG confirmation must be sent to our Banker through SFMS with the followings details :

Beneficiary : NATIONAL ALUMINIUM CO LTD.

Banker : State Bank of India

Branch : Kandsar(Nalco Nagar)

A/C No : 00000010657908589(CPP)/ 00000010657908114(Smelter)

IFSC Code : SBIN0008279

Address of Bank : AT/P.O – Kandsar,P.S - Nalco Nagar, Dist – Angul ,ODISHA,, Pin - 759145

Mail id : sbi.08279@sbi.co.in

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ANNEXURE-C14

BANK GUARANTEE FOR SECURITY DEPOSIT

(To be executed on non-judicial stamped paper of appropriate value)

B. G. No. _____

Date: _____

1. In consideration of National Aluminium Company Limited (A Government of India Enterprise), having its UNIT/Office at _____ (UNIT/OFFICE ADDRESS WHERE THE WORK IS EXECUTED) (hereinafter called " The Company" which expression shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) having agreed to exempt M/s.(Hereinafter called "the said Contractor(s)/ Seller(s)"), which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) from the demand under the terms and conditions of Contract(s)/ Order(s) No. dt.for (work/assignment description) of Security Deposit for the due fulfillment by the said contractor(s)/seller(s) of the terms and conditions contained in the said Contract(s)/Order(s), on production of Bank Guarantee for ` (Rupees only).
2. WEBank, having its branch office at, IFS Code..... and Branch Mail ID.....do hereby agree and undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Company stating that in the opinion of the company which is final and binding, the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Company by reason of any breach by the said Contractor(s)/seller(s) of any of the terms and conditions contained in the said contract(s)/orders(s) or by reasons of the said Contractor(s)/ Seller(s) failure to perform the said Contract(s)/ Order(s) including defect liability obligations or that the amount covered under this guarantee is forfeited. Any such demand made on the Bank by the Company shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ` (Rupees.....only).
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the Company proceeding against the Contractor(s)/Seller(s).
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said Contractor(s)/Seller(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. WeBank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract(s)/ Order(s) and that it shall continue to be enforceable till all the dues of the company under or by virtue of the said Contract(s)/Order(s) have been fully paid and its claims satisfied or discharged or till a duly Authorised officer of the company certifies that the terms and conditions of the said Contract(s)/Order(s) have been fully and properly carried out by the said contractor(s) and accordingly discharges the guarantee.

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6. WeBank further agree with the Company that the company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract(s)/Order(s) or to extend the time of performance by the said Contractor(s)/Seller(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor(s)/Seller(s) and to forbear or enforce any of the terms and conditions relating to the said Contract(s)/Order(s) and we shall not be relieved from our liability by reason of any such variations, or extension being granted to the said Contractor (s)/ Seller(s) or for any forbearance, act or omissions on the part of the Company or any indulgence by the Company to the said Contractor(s)/Seller(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs.....(Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry, we shall be discharged from all the liabilities under this guarantee.
8. We.....Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing. We further undertake to keep this Guarantee renewed from time to time at the request of Contractor(s)/ Sellers(s).
9. WeBank further agree that this Guarantee shall be invocable at Angul / Bhubaneswar, (Bank), Branch office at....., IFS Code..... with Address....., PIN 75....., having Branch Mail Id.....

Date.....

Corporate Seal of the Bank

.....Bank

By its constitutional Attorney

Signature of duly Authorised person

On behalf of the Bank With seal & signature code

Details of Persons Issuing the BG:

Name-----

Address for Correspondence: -----

Telephone & Fax No.

E-mail:

Note: 1 : BGs to be furnished from any of the approved banks of NALCO.

Note:2 : BG confirmation must be sent to our Banker through SFMS with the followings details :

Beneficiary : NATIONAL ALUMINIUM CO LTD.

Banker : State Bank of India

Branch : Kandsar(Nalco Nagar)

A/C No : **00000010657908589(CPP)/ 00000010657908114(Smelter)**

IFSC Code : SBIN0008279

Address of Bank : AT/P.O – Kandsar, P.S - Nalco Nagar, Dist – Angul ,ODISHA, Pin - 759145

Mail id : sbi.08279@sbi.co.in

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ANNEXURE-C15

BANK GUARANTEE AGAINST FREE ISSUE OF MATERIALS
(To be executed on Non-judicial stamp paper or appropriate value)

GUARANTEE NO.....

DATE :.....

1. WHEREAS National Aluminium Company Limited (hereinafter referred to as "the Company") which expression shall unless repugnant to the context includes their legal representatives, successors and assigns having their registered office at NALCO BHAWAN, P/1, NAYAPALLI, BHUBANESWAR-751 061, Odisha, and their Branch Unit/office at _____(UNIT/OFFICE ADDRESS), has entered into a Contract with M/s _____ (hereinafter referred to as the Contractor which expression shall unless repugnant to the context include their legal representatives, successors and assigns for the work of _____ on the terms and conditions as set out, inter-alias, in the Company's Contract No. _____ dated: _____ and various documents forming part thereof hereinafter collectively referred to as the "said contract" which expression shall include all amendments, modifications and/or variations thereto.

AND WHEREAS one of the conditions of the said contract is that the Company has agreed to supply to the contractor raw-materials (hereinafter referred to as the "said materials") for the purpose of execution by the contractor of the said contract and pending execution by the contractor of the said contract incorporating the said materials, the said materials shall be under the custody and charge of the contractor and shall be kept, stored, altered, worked upon and/or fabricated at the sole risk and expense of the Contractor.

2. AND WHEREAS the Company has asked the contractor for adequate security for the said materials to be supplied to the contractor under the contract.
3. AND WHEREAS at the request of the contractor the Company has agreed to accept a bank guarantee from _____ with Registered Office at _____ (hereinafter referred to as "the surety").
4. NOW THIS GUARANTEE WITNESSETH that in consideration of the Company having at the request of contractor agreed to accept a Bank Guarantee of the Surety amounting to ` _____ (Rupees _____ only) in respect of the said materials against any and all loss, damage, destruction (inclusive of but not limited to any and all loss or damage or destruction to or of the said materials or any item or part thereof by theft, pilferage, fire, explosion, storage, chemical or physical action or reaction, bending, wrapping exposure, rusting, faulty workmanship, faulty methods or technique of fabrication, or other act of omission or commission whatsoever within the control of the contractor, misuse or misappropriation by the contractor and the contractor's servant and/or agents whatsoever to or of in the said materials or any part of items thereof from the date the said materials was supplied to the contractor upto and until the date of return to the Company of the said materials or relative part of item thereof or completed fabricated work(s) incorporating the said materials, the surety shall indemnify and pay, without protest or demur and without recourse to the contractor, the Company upto and not exceeding altogether a sum of ` _____ (Rupees _____ only) on demand by the Company. The decision of the Company as to any loss, damage, destruction, misuse and misappropriation under the terms and conditions of this guarantee shall be final and binding on the Surety.

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5. THIS GUARANTEE is irrevocable and will remain in force and effect upto and until the said materials have been returned to the Company as per terms of the said contract and intimation thereof being given by the Company to the surety on the aggregate amount payable hereunder has been paid by the surety to the Company, whichever is earlier.
6. Notwithstanding anything stated above, the liability of the surety under the guarantee is restricted to _____ (Rupees _____ only) and this guarantee will remain in force upto _____ in the first instance. However, if the contractor's obligations under this guarantee is not completed or fully performed within this period, the surety hereby agrees to further extend the guarantee till such time as is required to fulfill such obligations.
7. We have the power to issue this guarantee in your favour under memorandum and Articles of Association and the undersigned has full power to do so under the power of Attorney dated _____ granted to him by the Bank.
8. Unless a claim made on us within three months from the date of expiry, i.e., _____, all our rights under the said guarantee shall be forfeited and we shall be relieved, and discharged from all liabilities there under.
9. We Bank, having its branch office at, IFS Code..... and branch Mail ID.....lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing. We further undertake to keep this Guarantee renewed from time to time at the request of Consultant.
10. WeBank further agree that this Guarantee shall be invocable at Angul / Bhubaneswar, (Bank), Branch office at....., IFS Code..... with Address....., PIN 75....., having Branch Mail Id.....

Date.....

IFSC Code:.....

Corporate Seal of the Bank

.....Bank

By its constitutional Attorney

Signature of duly Authorised person

On behalf of the Bank With seal & signature code

Details of Persons Issuing the BG:

Name-----

Address for Correspondence: -----

Telephone & Fax No.

E-mail:

Note: 1 : BGs to be furnished from any of the approved banks of NALCO.

Note: 2 : BG confirmation must be sent to our Banker through SFMS with the followings details :

Beneficiary : NATIONAL ALUMINIUM CO LTD.

Banker : State Bank of India

Branch : Kandsar (Nalco Nagar)

A/C No : **00000010657908589(CPP)/ 00000010657908114(Smelter)** IFSC Code : SBIN0008279

Address of Bank : AT/P.O – Kandsar, P.S - Nalco Nagar, Dist - Angul , ODISHA, Pin - 759145

Mail id : sbi.08279@sbi.co.in

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ANNEXURE-C16**BANK GUARANTEE FOR ADVANCE PAYMENT**

(To be executed on non-judicial stamped paper of appropriate value)

B. G. No. _____ Date: _____

1. In consideration of National Aluminium Company Limited (A Government of India Enterprise), having its Unit/Office at _____ (UNIT/OFFICE ADDRESS WHERE THE WORK IS EXECUTED) (hereinafter called "The Company" which expression shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) having agreed to make an advance payment of Rs.....(Rupees.....only) to M/s. (hereinafter called "the said Contractor(s)/Seller(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) from the demand, terms and conditions of Contract/Order No..... dated. for (work/assignment description) on production of a bank guarantee equivalent to 110% / 115% of the advance payment indicated above. BG amount would be based on advance verses contract value i.e. (i) 110% if advance to be paid is up to 10% of contract value ; otherwise (ii) 115%.
2. WEBank, having its branch office at, IFS Code..... and Branch Mail ID.....do hereby agree and undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Company stating that in the opinion of the Company which is final and binding, the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Company by reason of non-payment/adjustment of any part of the said advance or any dues to the company or any breach by the said Contractor(s)/seller(s) of any of the terms and conditions contained in the said contract(s)/orders(s) or by reasons of the Contractor(s)/Seller(s) failure to perform the said Contract(s)/Order(s). Any such demand made on the Bank by the Company shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....only).
3. We undertake to pay to the Company any money so demanded notwithstanding any claim dispute or disputes raised by the contractor(s)/Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependable or conditional on the Company proceeding against the Contractor(s)/Seller(s).
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said tenderer(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/order(s) are fulfilled.
5. WeBank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract(s)/Order(s) and that it shall continue to be enforceable till all the dues of the Company under or by virtue of the said Contract(s)/Order(s) have been fully paid and its claims satisfied or discharged or till a duly authorized officer of the Company certifies that the terms and conditions of the said Contract(s)/Order(s) have been fully and properly carried out by the said Contractor(s)/Seller(s) and accordingly discharges this guarantee.
6. That the Company will have fully liberty without reference to us and without affecting this guarantee to postpone for any time or from time to time the exercise of any of the power of the Company under the Contract(s)/Order(s).

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7. Notwithstanding anything contained herein before, our liability shall not exceed Rs..... (Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry, we shall be discharged from all the liabilities under this guarantee.
8. We Bank, further agree that this Guarantee shall be invocable at our place of business at Angul/Bhubaneswar (Bank Name),.....(Branch name and address of the Branch), Odisha, Pin-751...
9. WeBank further agree that this Guarantee shall be invocable at Angul / Bhubaneswar, (Bank), Branch office at....., IFS Code..... with Address....., PIN 75....., having Branch Mail Id.....

 Date.....
 Corporate Seal of the Bank
 IFS Code:

Bank
 By its constitutional Attorney

 Signature of duly Authorised person
 On behalf of the Bank With seal & signature code

Details 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 and processed through SFMS.
- BG confirmation must be sent to our Banker through SFMS with the followings details :

Beneficiary : NATIONAL ALUMINIUM CO LTD.
 Banker : State Bank of India
 Branch : Kandsar(Nalco Nagar)
 A/C No : **00000010657908589(CPP)/ 00000010657908114(Smelter)**
 IFSC Code : SBIN0008279
 Address of Bank : AT/P.O – Kandsar, P.S - Nalco Nagar, Dist – Angul , ODISHA,, Pin – 759145
 Mail id : sbi.08279@sbi.co.in

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ANNEXURE-C17

LIST OF STANDARDISED BANKS

I. List of PSU Banks			
Sl. No.	Name of the Bank	Sl. No.	Name of the Bank
1.	Allahabad Bank	11.	Indian Bank
2.	Andhra bank	12.	Oriental Bank of Commerce
3.	Bank of Boroda	13.	Punjab and Sind Bank
4.	Bank of India	14.	Punjab National Bank
5.	Bank of Maharashtra	15.	State Bank of India
6.	Canara bank	16.	Syndicate Bank
7.	Central bank of India	17.	UCO Bank
8.	Corporation Bank	18.	Union Bank of India
9.	Dena Bank	19.	Vijaya Bank
10.	IDBI Bank		

II. List of Private Banks			
Sl. No.	Name of the Bank	Sl. No.	Name of the Bank
1	HDFC Bank	9	The South Indian Bank Ltd.
2	ICICI Bank	10	The Karur Vysya Bank Ltd.
3	Axis Bank	11	The Karnataka Bank Ltd.
4	Kotak Mahindra Bank Ltd.	12	IDFC Bank
5	YES Bank	13	RBL Bank
6	IndusInd Bank	14	The Lakshmi Vilas Bank Ltd.
7	The Federal Bank Ltd.	15	Tamilnadu Mercantile Bank Ltd.
8	The Jammu & Kashmir Bank Ltd.	16	City Union Bank Ltd.

III. List of Foreign Banks					
Sl. No.	Name of the Bank	BIC	Sl. No.	Name of the Bank	BIC
1	Abu Dhabi Commercial Bank Ltd.	ADCB AE AA	19	KEB Hana Bank	KOEX KR SE
2	Australia & New Zealand Banking Group Limited	ANZB AU 3M	20	Krung Thai Bank Public Company Ltd.	KRTH TH BK
3	Bank Of America NA	BOFA US 3N	21	Mashreqbank PSC	BOML AE AD
4	Bank of Bahrain and Kuwait B.S.C.	BBKU BH BM	22	Mizuho Bank Ltd.	MHCB JP JT
5	Bank of Ceylon	BCEY LK LX	23	National Australia Bank Ltd.	NATA AU 33
6	Barclays Bank PLC	BARC BG 22	24	Sberbank	SABR RU MM
7	BNP Paribas	BNPA FR PP	25	Shinhan Bank	SHBK KR SE
8	Citibank N.A.	CITI US 33	26	Societe Generale	SOGE FR PP
9	Commonwealth Bank of Australia	CTBA AU 2S	27	Sonali Bank Ltd.	BSON BD DH
10	Credit Agricole Corporate & Investment Bank	BSUI FR PP	28	Standard Chartered Bank	SCBL GB 2L
11	Credit Suisse AG	CRES CH ZZ	29	Sumitomo Mitsui Banking Corporation	SMBC JP JT
12	DBS Bank Ltd.	DBSS SG SG	30	The Bank of Nova Scotia	NOSC CA TT
13	Deutsche Bank AG	DEUT DE FF	31	The Bank of Tokyo-Mitsubishi UFJ, Ltd.	BOTK JP JT
14	Doha Bank	DOHB QA QA	32	The Hongkong & Shanghai Banking Corp. Ltd.	HSBC HK HH
15	FirstRand Bank Ltd.	FIRN ZA JJ	33	The Royal Bank of Scotland PLC	RBOS GB 2L
16	Industrial Bank of Korea	IBKO KR SE	34	United Overseas Bank Ltd.	UOVB SG SG
17	Industrial & Commercial Bank of China Limited	ICBK CN BJ	35	Westpac Banking Corporation	WPAC AU 2F
18	JP Morgan Chase Bank	CHAS US 33	36	Woori Bank	HVBK KR SE

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ANNEXURE-C19

NATIONAL ALUMINIUM COMPANY LIMITED
SMELTER PLANT / CAPTIVE POWER PLANT DIVISION

INSTRUCTION FOR BIDDERS: FILLING UP OF FOLLWING ANNEXURES ARE MUST, WITHOUT WHICH THE OFFER IS LIABLE FOR REJECTION.

The tenderer shall carefully study the list of directors of NALCO from the website written below

<https://nalcoindia.com/company/nalco-leadership/board-of-directors/>

and state "Yes" or "No" to questions given below:

Sl. No.	Description	Write "Yes" or "No"
1.	Whether the tenderer is a relative of any of the directors of NALCO?	
2.	If the tenderer is a firm, any of NALCO Directors or any of their relatives is a partner in the tender's firm?	
3.	If the tenderer is a Company Registered under Company's Act 1956, whether any of NALCO's Directors is a member of Director of the Company?	

Note: If Yes to any of the above questions, please give the name of NALCO's Director and relationship of the tender / partner / member / Director as the case may be.

Sl. No.	Name	Relationship

SIGNATURE OF THE TENDERER

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ANNEXURE-C20

Important: Suppression of information shall be viewed seriously and action deemed fit would be taken including termination of the contract.

(Strike out which is not applicable)

1. I/We hereby declare that none of my/our relative is an employee of NALCO.
2. I/We hereby declare the following are the employee/s of NALCO is/are my/our relative/s.

SI.No.	Name of the employee/ P.No. / Designation/Place of Posting.	Relationship with the employee.
1	Name: P. No. Designation: Place of Posting:	
2	Name: P. No. Designation: Place of Posting:	
3	Name: P. No. Designation: Place of Posting:	

(PLEASE ATTACH EXTRA SHEET, IF REQUIRED)

SIGNATURE OF THE TENDERER

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ANNEXURE-C21**PRE CONTRACT INTEGRITY PACT****General**

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on _____ day of the month of _____ 2026, between, on one hand, the National Aluminium Company Limited (NALCO), a company registered under the Companies Act 1956 and a Government of India Enterprise, having its Registered Office at NALCO Bhawan, P/1, Nayapalli, Bhubaneswar-751013, Odisha, India (referred to as NALCO) acting through **Shri V. Senthil, GM (T&C), Smelter Plant** (with designation of the Officer) (hereinafter called the "BUYER", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s. _____ represented by Shri _____, Chief Executive Officer (hereinafter called the "BIDDER / Seller" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BUYER proposes to procure " _____ " and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company / public company /Government undertaking/ partnership /registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Company under the administrative control of the Ministry of Mines, Govt. of India.

NOW THEREFORE

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence / prejudiced dealings prior to during and subsequent to the currency of the contract to be entered into with a view to :-

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will comment to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person or organisation or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

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Commitments of BIDDERS

3. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contractor post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following :-
 - 3.1 The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organisation or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
 - 3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Government.
 - 3.3 BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
 - 3.4 BIDDERS shall disclose the payment to be made by them to agents / brokers or any other Intermediary, in connection with this bid / contract.
 - 3.5 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
 - 3.6 The BIDDER 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.
 - 3.7 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
 - 3.8 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
 - 3.9 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable fact.
 - 3.10 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
 - 3.11. If the Bidder or any employee of the Bidder or any person acting on the behalf of the Bidder, either directly or indirectly, is a relative of any of the officers of the Buyer, or alternatively, if any relative of an officer of the Buyer has financial interest/stake in the Bidder's firm, the same shall be disclosed by the Bidder at the time of filing of tender. The term "relative" for this purpose would be as defined in Section 6 of the Companies Act 1956.
 - 3.12. The Bidder shall not lend to or borrow any money from or enter into monetary dealings or transactions, directly or indirectly, with any employee of the Buyer.
 - 3.13. Bidder(s)/ Contractor(s) who have signed the integrity pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision in the matter.

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4. Previous Transgression

- 4.1. The Bidder declares that no previous transgression occurred in the last three years immediately before signing of this integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could Justify Bidder's exclusion from the tender process.
- 4.2. The Bidder agrees that if it makes incorrect statement on this subject, Bidder can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Sanctions for Violations :

- 5.1. Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle of the BUYER to take all or any one of the following actions, wherever required: -
- (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
 - (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit / Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
 - (iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
 - (iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
 - (v) To en-cash the advance bank guarantee and performance bond / warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
 - (vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation / rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
 - (vii) To debar the BIDDER from participating in future bidding processes of NALCO for a minimum period of five years, which may be further extended at the discretion of the BUYER.
 - (viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
 - (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.
 - (x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 5.2. The BUYER will be entitled to take all or any of the actions mentioned at para 5.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 5.3. The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitor(s) appointed for the purposes of this Pact.

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6. Independent External Monitors (IEMs):

- 6.1. The BUYER has a panel of Independent External Monitor (hereinafter referred to as IEMs) for this Pact in consultation with the Central Vigilance Commission as mentioned in NALCO'S NIT/NALCO's website (www.nalcoindia.com).
- 6.2. The task of the IEMs shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 6.3. The IEMs shall not be subject to instructions by representatives of the parties and perform their functions neutrally and independently.
- 6.4. Both the parties accept that the IEMs have the right to access all the documents relating to the project / procurement including minutes of meetings.
- 6.5. As soon as the IEM notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.
- 6.6. The BIDDER(s) accepts that the IEM has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the IEM, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The IEM shall be under contractual obligation to treat the information and documents of the BIDDER / Subcontractor(s) with confidentiality.
- 6.7. The BUYER will provide to the IEM sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the IEM the option to participate in such meetings.
- 6.8. The IEM will submit a written report to the designated Authority of BUYER / Secretary in the Department / within 8 to 10 weeks from the date of reference or intimation to him by the BUYER / BIDDER and should be occasion arise, submit proposals for correcting problematic situations.

7. Facilitation of Investigation:

In case of any allegation of violation of any provisions of this Pact or payment of commission, the IEMs shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

8. Law and Place of Jurisdiction:

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BUYER.

9. Other Legal Actions:

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

10. Validity:

- 10.1 This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by CMD, NALCO.
- 10.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

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- 11. If the bidder/ Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members
- 12. The parties hereby sign this Integrity Pact at _____ on _____.

For & on behalf of

For & on behalf of

BUYER

BIDDER

Name of the Officer: **Mr. V. Senthil**
Designation: **GM (T&C), Smelter Plant**
Company: **NALCO**
Official Seal

Witness

Witness

- 1. _____
- 2. _____

- 1. _____
- 2. _____



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ANNEXURE-C22

BEFORE THE NOTARY PUBLIC
A F F I D A V I T

I, aged about years, S/O:, At-....., PO-....., Dist-....., Pin-....., State:, Designation: of M/s. have not been convicted by a court of Law for an offence involving moral turpitude in relation to business dealings during the past seven years for acceptance of the offer. I do hereby solemnly affirm and state as follows:

INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF BIDED OR
ABANDONMENT OF WORK BY THE BIDDER

1.	(a)	Is the bidder currently involved in any litigation relating to the works.	Yes/No
	(b)	If yes, give details:	
2.	(a)	Has the bidder or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years.	Yes/No
	(b)	If yes, give details:	
3.	(a)	Has the bidder or any of its constituent partners failed to perform on any contract work in India during the last 5 years.	Yes/No
	(b)	If yes, give details:	
4.	(a)	Arbitration cases pending.	Yes/No
	(b)	If yes, give details:	
5.	(a)	Disputed incomplete works.	Yes/No
	(b)	If yes, give details:	
6.	(a)	Pending civil cases against the firm or its Proprietor/Partner(s)/Director(s) involving moral turpitude in relation to business dealings.	Yes/No
	(b)	If yes, give details:	
7.	(a)	Pending criminal cases against the firm or its Proprietor/Partner(s)/Director(s) involving moral turpitude in relation to business dealings.	Yes/No
	(b)	If yes, give details:	
8.	(a)	Punishments awarded under civil cases or criminal cases involving moral turpitude in relation to business dealings	Yes/No
	(b)	If yes, give details:	

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will be summarily be rejected.

Signature of the bidder

Date :

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ANNEXURE-C23

AGREEMENT

CONTRACT AGREEMENT FOR THE WORK OF.....
, **Service Purchase Order No.:**, **Dated.**/...../.....
 on theth day of the month of.....of the year two thousand..... between
M/s..... in the town of..... **AT/PO-....., DIST-**
.....STATE....., PIN-..... here in after called the "Contractor" (which terms shall
 unless excluded by or repugnant to the subject or context include its successors and permitted assignees)
 of the one part and the **NATIONAL ALUMINIUM COMPANY LIMITED** hereinafter called the "**OWNER**"
 (Which term shall, unless excluded by or repugnant to the subject or context include its successors and
 permitted assignees) of the other part.

Whereas:

- (A) The owner being desirous of having provided and executed certain works mentioned enumerated or referred to in the tender documents including Notice Inviting Tender/Letter Inviting Tender, General Conditions, Drawings, Plans, Time schedule of Completion of jobs, and other documents has called for Tender.
- (B) The Contractor has inspected the site and surroundings of the works specified in the tender documents and has satisfied himself by careful examination before submitting his tender as to the nature of the surface strata, soil, subsoil and ground, the form and nature of site and local conditions, the quantities, nature and magnitude of the work, the availability of labour and materials necessary for the execution of work, the means of access to site, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and things referred to or implied in the tender documents or having any connection therewith, and has considered the nature and extent of all probable and possible situations, delays, hindrances or interferences to or with the executions and completion of the work to be carried out under the contract, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the work and which might have influenced him in making his tender.
- (C) The Notice Inviting Tender/ Letter Inviting Tender, General conditions of Contract, Special Conditions of Contract, General Obligations, Specifications, Drawings, Plans, Time Schedule of Completion of jobs, Letter of Acceptance of Tender and any statement of agreed variations with its enclosures, copies for which are hereto annexed form part of this contract though separately set out herein and are included in the expression "CONTRACT" wherever herein used.

01) Service Purchase Order No.:

AND WHEREAS:

The owner accepted the Tender of the Contractor for the provision and the execution of the said work at the rates stated in the schedule of quantities of works and finally approved by owner (Hereinafter called the "Schedule of Rates") upon the terms and subject to the conditions of contract. Now this agreement witnesses and it is hereby agreed and declared as follows:-

- 01. In consideration of the payment to be made to the contractor for the work to be executed by him, the contractor hereby covenants with the owner that the contractor shall and will duly provide, execute and complete the said works and shall do and perform all other acts and things in the contract mentioned or described or which are to be implied there from or may be reasonably necessary, for the completion of the said works and at the said times and in the manner subject to the terms and conditions or stipulations mentioned in the contract.

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02. In consideration of the due provision execution and completion of the said work, the owner does hereby agree with the contractor that the owner will pay to the contractor the respective amounts for the work actually done by him and approved by the owner at the scheduled rates and such other sum payable to the contractor under provision of the such contract, payment to be made at such time and in such manner as provided for in the contract.

AND

03. In consideration of the due provisions execution and completion of the said work the contractor does hereby agree to pay such sums as may be due to the owner for the services rendered by the owner to the contractor such as power supply, water supply and others as set for in the said contract and such other sums as may become payable to the owner towards the controlled items of consumables materials or towards loss, damage to the owner's equipment, materials, construction plant and machinery, such payments to be made at such time and in such manner as is provided in the contract. It is specially and distinctly understood and agreed between the owner and the contractor that the contractor shall have no right, title or interest in the site made available by the owner for execution of the works or in the building, structure or works executed on the said site by the contractor or in the goods, articles, materials etc. brought on the said site (Unless the same specifically belongs to the contractor) and the contractor shall not have or deemed to have any lien whatsoever charge for unpaid bills nor will be entitled to assume or retain possession or control of the site or structures and the owner shall have an absolute and unfettered right to take full possession of the site and to remove the contractor, his servants, agents and materials belonging to the contractor and lying on the site.

The contractor shall be allowed to enter upon the site for execution of the works only as a licensee simplicitor and shall not have any claim, right, title or interest in the site or the structure erected thereon and the owner shall be entitled to terminate such license at any time without assigning any reason. The materials including sand, gravel, stone, loose earth rock etc. dug up or excavated from the said site shall unless otherwise expressly agreed under this contract, exclusively belong to the owner and the contractor shall have no right to claim over the same and such excavations and materials should be disposed off on account of the owner according to the instructions in writing issued from time to time by the Engineer-in-Charge.

In witness whereof the parties have executed these presents in the day and the year first above written.

Signed & delivered for &
on behalf of Owner

Signed & delivered for &
on behalf of Contractor.

(NATIONAL ALUMINIUM CO.LTD.)

(M/S.....)

PLACE: NALCO SMELTER / CPP DIVISION ANGUL.

PLACE:.

IN THE PRESENCE OF TWO WITNESSES.

NALCO'S WITNESS.

CONTRACTOR'S WITNESS.

01) _____ 01) _____

02) _____ 02) _____

PLACE: NALCO, SMELTER / CPP

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ANNEXURE-C24

COMMERCIAL QUESTIONNAIRE

Bidder's reply/ confirmation as furnished in the Commercial Questionnaire (CO) shall supersede the stipulations mentioned elsewhere in their offer.

SL. NO.	NALCO'S QUERY	BIDDER'S REPLY/ CONFIRMATION
1.0	Confirm that your offer is valid for 04 (Four) months from the actual date of tender opening at online portal.	
2.0	Confirm that Earnest Money Deposit (EMD) as per tender stipulations have been furnished along with bid.	
3.0	Confirm that the following documents are submitted with Part-I:	
a)	All documents as per CHECK LIST.	
b)	Master Index as enclosed with Bidding Document is submitted in unpriced part duly signed and stamped on each page.	
c)	Compliance letter for Addendum/ Amendments as a token of acceptance (Applicable, if issued).	
4.0	Confirm that Price bid has been uploaded in the CPP/GeM portal separately.	
5.0	Schedule of Price	
a)	Price must be filled in the soft copy of the SOR furnished along with the tender document. Please note that the format of the Excel file including columns of Item No., Description, Unit, Quantity, name of file or worksheet etc. are not to be edited by the tenderer.	
b)	Confirm that rate/ price has been quoted for all items of SOR.	
c)	Confirm that deviation/terms & conditions are not mentioned in the price part. In case any terms and condition is mentioned in the price part, the same shall be treated as null and void.	
6.0	Confirm your compliance to critical stipulations of bidding document as mentioned in ITB.	
7.0	Confirm that you have studied complete tender document including technical and commercial part and your offer is in accordance with the requirements of the tender document.	
8.0	Confirm your compliance to total Scope of Work mentioned in the Bidding Document.	
9.0	Confirm your acceptance for 'Scope of Supply' mentioned in the tender document and confirm that all materials shall be supplied as per Standards and Specification.	
10.0	Confirm your acceptance for Time Schedule as mentioned in tender document.	
11.0	Confirm that your quoted price includes all taxes, duties as applicable for this WORK in accordance with the provision of General Conditions of Contract and Special Conditions of Contract.	
12.0	Confirm that your quoted price includes all types of insurance as per the provisions of General Conditions of Contract and Special Conditions of Contract.	
13.0	Confirm that all costs resulting from safe execution of WORK, such as safety induction, use of protective clothing, safety glasses and helmet, safety precaution taken during monsoon, or any other safety measures to be undertaken by the Contractor for execution of work are included in the quoted rates.	

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SL. NO.	NALCO'S QUERY	BIDDER'S REPLY/ CONFIRMATION
14.0	Confirm that adequate numbers of construction equipments, tools, tackles etc. have been proposed which will be sufficient to complete the work as per the time schedule.	
15.0	Confirm that you have proposed adequate project/site organization with qualified supervisory personnel having requisite experience including personnel responsible for safety, planning, stores, QA/QC etc.	
16.0	Confirm that while submitting your price, you have taken consideration of scope of supplies, scope of work and technical requirement mentioned in Bidding Document.	
17.0	Confirm that only exception and deviation indicated in the specific format shall be considered and evaluated. Deviations listed at any other places of the tender documents shall not be considered.	
18.0	Confirm that you have your own QA/QC programme for executing this work.	
19.0	Confirm that Bidder is not involved in any Litigation/ Arbitration/debarring/expelling, otherwise, if involved, please furnish information about the same.	
20.0	Confirm that the Bidder is not under liquidation, court receivership or similar proceedings.	
21.0	Confirm the following:	
a)	The planning schedule, S-curves etc., submitted by the bidder with his Bid, are indicative and shall not be basis for extra compensation in case actual needs are higher.	
b)	Detailed planning schedule developed by CONTRACTOR after contract award may be subject to fluctuations depending upon actual progress of the project and available work front.	
c)	Co-ordination and making available by Contractor of all staff, manpower, construction equipment, tools, cranes, etc. and materials as required for a timely completion of all WORK as per Owner's construction and priority schedule and in accordance with the available work front are included in the quoted rates.	
22.0	Please confirm whether you need Mobilization Advance or not.	
23.0	Please confirm that you have submitted Tender Fee in the Unpriced Part of your Bid in case Bidding Document downloaded from website. In case of non-submission of tender fee as specified, tender shall not be considered for evaluation.	

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

COMPANY SEAL : _____

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NATIONAL ALUMINIUM COMPANY LIMITED

(A Government of India Enterprise)

TENDER & CONTRACT DEPT., SMELTER PLANT / CAPTIVE POWER PLANT

Web site: www.nalcoindia.com

ANNEXURE-C25

CHECKLIST FOR BIDDER.

Following information along with the attested copy/copies of all the supporting documents as applicable, are to be submitted in the envelope of Single part/ two-part bid (Ref cl. No-7.0 of Annexure-A1).

Sl No.	Documents description	For Two Part	For Single Part	
1.	(a) EMD Amount as per NIT specification.	Yes / No	Yes / No	
	(b) Cost of tender document, if downloaded from Internet.	Yes / No	NA	
2.	E.P.F. A/c CODE	Yes / No	Yes / No	
3.	E.S.I. A/c CODE	Yes / No	Yes / No	
4.	PAN No.	Yes / No	Yes / No	
5.	E MAIL ID (Annexure-C4)	Yes / No	Yes / No	
6.	Phone no/ Mobile no (Annexure-C4)	Yes / No	Yes / No	
7.	PAN based GST registration No	Yes / No	Yes / No	
8.	GST No	Yes / No	Yes / No	
9.	Solvency Certificate from a Bank	Yes / No	Yes / No	
10.	Power of Attorney of the signatory / Authorized signatory nominated by the company for the tender, if signed by other than proprietor.	Yes / No	Yes / No	
11.	Proof of ownership/partnership of the firm/company attached.	Yes / No	NA	
12.	Offer is submitted in the original NIT documents	(a) Obtained from T&C Department,	Yes / No	NA
		(b) Downloaded from Internet	Yes / No	NA
13.	Deviation from the NIT terms & conditions in deviation sheet only. (Ref :-Annexure-C3)	Yes / No	Yes / No	
14.	Signed declaration form by authorized signatory as per Annexure-C4	Yes / No	Yes / No	
15.	Undertaking of downloaded tender documents as per Annexure-C5	Yes / No	Yes / No	
16.	Bank mandate for e-payment form as per Annexure-C10	Yes / No	Yes / No	

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Sl No.	Documents description	For Two Part	For Single Part
17.	Annexure-C19 & C20 regarding relatives in NALCO	Yes / No	Yes / No
18.	Annexure-C8 regarding details of commitments and information of the tenderer	Yes / No	NA
19.	Documentary evidence in support of pre-qualifying criteria of the NIT Work Orders listing as per (Annexure-C6) Work Orders listing as per (Annexure-C7)	Yes / No Yes / No	NA
20.	Copies of audited Balance Sheet / Profit & Loss account for the last three Financial Years	Yes / No	NA
21.	Copy of statutory license, if applicable	Yes / No	Yes / No
22.	List of tools & tackles	Yes / No	NA
23.	All the pages of the offer including GCC are signed by the bidder	Yes / No	Yes / No
24.	Supporting documents are attested by Gazetted Officer / Notary Public	Yes / No	Yes / No
25.	Price Bid contains no conditions in any form	Yes / No	Yes / No
26.	Pre Contract Integrity Pact (Annexure-C21)	Yes/No	Yes / No
27.	Original Affidavit towards Criminal Background (Annexure-C22) to be executed in non-judicial stamp paper after floating of Tender .	Yes/No	Yes / No
28.	Anti-Profiteering Declaration Format (Annexure-C30)	Yes/No	Yes / No

NB:- If any of the information is not furnished, the offer of the party shall be liable for rejection and the consideration of the offer is at the discretion of NALCO.

SIGNATURE OF TENDERER WITH SEAL

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ANNEXURE-C26

CHECK LIST FOR SUBMISSION OF OFFER

Bidder is requested to fill this check list and ensure that all details/ documents have been furnished as called for in the tender document along with duly filled in, signed and stamped **checklist with Part-I bid**.

Please tick the box and ensure compliance:

- 1.0 **Bid submission Letter** as per proforma attached in bidding document.
 Submitted.
- 2.0 **Information about Bidder** as per proforma attached in bidding document.
 Submitted.
- 3.0 **EMD** of requisite amount is submitted in the form of DD/BG/BC from any scheduled bank as mentioned in tender document, in separate sealed envelope marked "Earnest Money Deposit".
 Submitted in the form of DD/ BG EMD value: Rs. _____
 BG No. _____ Dated _____ Valid up to _____ Claim period upto _____
 DD No. _____ Dated _____ Drawn on _____ Valid up to _____
 BC No. _____ Dated _____ Drawn on _____ Valid up to _____
- 4.0 **Validity of Offer** is up to _____ **Months** from the date of submission of offer.
 Yes Valid Up to _____.
- 5.0 **Annual Turnover Details** as per proforma including **Audited Balance Sheets including Profit and Loss Account Statement** for the last 3 (Three) years.
 Submitted. Submitted for the years:
 1. _____
 2. _____
 3. _____
- 6.0 **Fresh Solvency Certificate** from your Bankers (Date of issue of this certificate should not be earlier than one year from the date of opening of Techno-commercial Part).
 Submitted. Certificate dated _____
 From (Name of Bank) _____
- 7.0 **Details of Past Experience** in the proforma enclosed in the Bidding Document.
 Submitted.
- 8.0 **Details of Present Commitments** in the proforma enclosed in the proforma enclosed in the Bidding Document.
 Submitted.
- 9.0 **List of minimum equipment** proposed to be deployed for the work in the proforma enclosed in the Bidding Document.
 Submitted. Ref.: _____

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- 10.0 Deployment Schedule of equipment proposed for the work in the proforma enclosed in the Bidding Document.
 Submitted. Ref. _____
- 11.0 Proposed Site Organisation (as per proforma enclosed in the Bidding Document)
- i) Submitted Ref. _____
- ii) Qualification and Experience of Resident Engineer/ Site-in-Charge and other key personnel have been mentioned in the site organization chart.
 Yes Ref. _____
- iii) Number of Key Personnel under different heads have been mentioned in the Site Organisation Chart.
 Yes Ref. _____
- iv) Site Organization Chart includes qualified and experienced Quality Control Engineer, Planning Engineer and Safety Officer.
 Yes Ref. _____
- 12.0 Deployment Schedule of Supervisory Personnel proposed for the work in the proforma enclosed in the Bidding Document.
 Submitted Ref. _____
- 13.0 Power of Attorney in favour of person who has signed the offer in stamp paper of appropriate value.
 Submitted. Ref. _____
- 14.0 Partnership Deed in case of partnership firm and Articles of Association in case of limited company.
 Submitted.
- 15.0 Declaration regarding relationship with client's Director
 Submitted.
- 16.0 Copy of P.F & ESI code, Service Tax registration certificate:
 Submitted.
- 17.0 An Overall Schedule, clearly indicating all important milestone of the construction activities.
 Submitted. Ref. _____
- 18.0 Bid Compliance Statement (confirmation for no deviation stipulated in Bid) in the proforma enclosed.
 Submitted. Ref. _____

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19.0 Exception and Deviation Statement in the proforma enclosed.

Submitted.

20.0 All the documents submitted in requisite number of copies as mentioned in the Bidding Document and are readable/legible.

Submitted. No. of copies submitted: _____

21.0 Original Biding Document along with blank (un-priced) copy of Price Bid/ Schedule of Rates, corrigendum and addendum (if any).

Submitted.

22.0 All pages/ documents are stamped and signed by the authorised signatory of the bidder.

Yes.

SIGNATURE OF BIDDER: _____

NAME OF BIDDER: _____

COMPANY SEAL: _____

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ANNEXURE-C27

APPENDIX FOR DOCUMENTS TO BE SUBMITTED BY BIDDER

Sl. No.	Contents	File Name (To be saved as)	Page Nos.
1	DD / Banker's Cheque /MSME / NSIC / UAM	EMD.pdf	---- to ---
2	i) Work Order Copy with scope of work and BOO	Tech PQC.pdf	---- to ---
	ii) Completion Certificate		---- to ---
	iii) Amendment Copy, if applicable		---- to ---
3	i) Balance Sheet and Profit & Loss statements of last 3 financial years (Audited by C.A)	Fin PQC.pdf	---- to ---
	ii) Bank Solvency of last financial year		---- to ---
4	i) PF	Comm PQC.pdf	---- to ---
	ii) ESI		---- to ---
	iii) PAN		---- to ---
	iv) PAN based GSTIN		---- to ---
	v) Power of Attorney /ownership/Certificate of Incorporation		---- to ---
	vi) Affidavit of No Litigation (Original)		---- to ---
5	i) Declaration of Relatives (Appendix – C19 & C20 of NIT	Forms.pdf	---- to ---
	ii) Details of Present Commitments of the tenderer (ANNEXURE-C8 of NIT)		---- to ---
	iii) Exception / Deviation statement to the tender terms & conditions (ANNEXURE-C3 of NIT)		---- to ---
	iv) Declaration by the bidder (ANNEXURE-C4 of NIT)		---- to ---
	v) Bank Mandate Form for e-payment (Annexure-C10 of NIT)		---- to ---
	vi) SAC Code (Annexure-C18 of NIT)		---- to ---
	vii) Undertaking of downloading of tender document (Annexure-C5 of NIT)		---- to ---
6	Pre-Contract Integrity Pact (Annexure-C21 of NIT)	PCI.pdf	---- to ---

NOTE –

1. The above details must be filled up and submitted, along with the bid document.
2. All the above mentioned documents needs to be submitted along with the offers.
3. The bid submitted must have 6 files as mentioned above and must contain the contents specified against each file.

Page nos. (Ex:- pages --- to ---) must be mentioned against each file.

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ANNEXURE-C28

NO DUE CERTIFICATE

- | | |
|---------------------------------------|--------------|
| 1. Vendor Code: | Vendor Name: |
| 2. Work Order Ref with Date: | |
| 3. Description of Work as per Order : | |
| 4. Reference of User Dept : | |

This is to certify that the contractor do not have any due regarding Material, Tools, Equipment, Consumables, Rent, Electricity, Water Charges, Ground Rent, Hiring Charges, etc. and Compensation for damages if any.

However, dues of contractor under the performance guarantee / defect liability shall continue for the performance guarantee / defect liability period notwithstanding the above certificate/ agreement.

for National Aluminium Co. Ltd.

Date:

Signature.

Name:
 Designation:
 Department:

.....

NO CLAIM CERTIFICATE

- | | |
|--------------------------------------|--------------|
| 1. Vendor Code: | Vendor Name: |
| 2. Work Order Ref with Date: | |
| 3. Description of Work as per Order: | |
| 4. Reference of User Dept: | |
| 5. Final Bill Value Claimed: | |

This is to certify that we do not have any other claims on M/s. National Aluminium Company Limited against the above contract except what is already claimed in the Final Bill subject to processing/passing in Finance as per Contract Conditions and Security Deposit/Performance guarantee.

for National Aluminium Co. Ltd.

for Contractor

Date:

Signature
 Name:
 Designation:
 Department:

Signature
 Name:
 Seal:

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ANNEXURE-C29

WORK COMPLETION CERTIFICATE

1. Name Of the Work:
2. Work Order Reference No. & Date:
3. SAP Purchase Order No.
4. Name of the Contractor & SAP Vendor Code:
5. Contract Period: From To
6. Amended Contract Period: From To
7. Contract Value (Excluding GST) (Rs.):
8. Final Amended Contract Value (Excluding GST) (Rs.):
9. Actual Value of Completed Work (Excluding GST) (Rs.):
10. Date of Actual Commencement of Work:
11. Date of Completion of Work:

Certified that the above work has been completed in all respects as per terms & conditions of the contract and the performance is satisfactory.

(Signature of EIC/MIC)

Name:

Designation:

Dept.:

Date:

(Signature of HOD)

Name:

Designation:

Dept.:

Date:

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ANNEXURE-C30

Format:- (To be submitted with BID)

ANTI-PROFITEERING DECLARATION FORMAT

To whomsoever it may concern.

I, Mr. _____, Proprietor/_____ (other authorized signatories) of M/s. _____, hereby solemnly and sincerely declare that, while giving this quotation to 'Nalco' against Tender No. _____

Dt. _____, me/my firm/my company has abided by all Tax Laws and Rules including but not limited to Section 171 of the Central Goods and Services Tax Act, 2017.

I, hereby solemnly and sincerely further declare that me/my firm/my company will continue to abide by the said laws, including but not limited to Section 171 of the Central Goods and Services Tax Act, 2017, as applicable from time to time during the life of the tender and during execution of any order placed with reference to the said tender.

I further declare that, me/my firm/my company, in furtherance and in compliance to the said section, will make commensurate reduction in the basic prices w.r.t. Input Tax benefits and reduction in Tax charged to 'Nalco' w.r.t. Output Tax benefits in connection with goods and/or services provided.

I further declare that the foregoing is true and correct and the same is a legal obligation and failure to fulfil if could result in penalties under the law.

Date: _____

Place: _____

To be signed by the authorized person under the firm's seal.

TENDER No.:
SMLT/T&C/GeM/OMC-6091/NIT/5401

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ANNEXURE-C31

Format:- (To be submitted at the time of release of Final Due)

ANTI-PROFITEERING DECLARATION FORMAT

To whomsoever it may concern.

I, Mr. _____, Proprietor/_____ (other authorized signatories) of M/s. _____, hereby solemnly and sincerely declare that, while executing the Order No. _____ Dt. _____, me/my firm/my company has abided by all Tax Laws and Rules including but not limited to Section 171 of the Central Goods and Services Tax Act, 2017.

I further declare that, me/my firm/my company, in furtherance and in compliance to the said section, have not made profit out of reduction in Input Tax benefits where ever applicable and reduced Tax charged to 'Nalco' w.r.t. Output Tax benefits in connection with goods and/or services provided.

I further declare that the foregoing is true and correct and the same is a legal obligation and failure to fulfil if could result in penalties under the law.

Date: _____

Place: _____

To be signed by the authorized person under the firm's seal.

TENDER No.:
SMLT/T&C/GeM/OMC-6091/NIT/5401

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GENERAL CONDITIONS OF CONTRACT (GCC)

(Enclosed separately with this Tender)

&

Online Tender Reference copy of Percentage Quoted in [Excess (+) / Less (-)] BOQ to be filled up by the bidder through GeM portal.

(Enclosed separately with this Tender)

Percentage BoQ

ANNEXURE-B4

Tender Inviting Authority: Mr. Somnath Dey, DGM(Mech.), T&C Department, Smelter Plant, NALCO, Angul, Odisha-759145						
Name of Work: One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants						
Contract No: OMC-6091						
Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
The Bill of Quantity & Schedule of Rates (BOQ & SOR) of individual items are available in Annexue-II of NIT. The overall excess/discount percentage quoted by the bidder in this price bid shall be applicable over the Rates & Amounts for each & every items of BOQ & SOR as available at Annexure-II of NIT.						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs.P (Service + Material)	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes (Including GST @ 18%) in Rs. P
1	2	3	4	5	6	7
1	One time Contract for Repair & Maintenance of around 330 nos. A-type & 25 nos. C-type vacant qtrs for shifting of CISF colony residents and TA/TBT occupants for a period of 08 (Eight) Months. The Bill of Quantity & Schedule of Rates are available in Annexure-B4 of NIT. The overall excess/discount percentage quoted by the bidder in this online price bid format shall be applicable over the Rates & Amounts for each & every items of BOQ & SOR as available at Pg-60 to 79 of Annexure-B4 of NIT.	1.00	Total Estimated Amount (100% Job)	1,29,39,758.52	1,29,39,758.52	1,52,68,915.05
Total in Figures					1,29,39,758.52	1,52,68,915.05
Quoted Rate in Figures			Select		0.00	0.00

Note :

- 1) The bidder has to quote in percentage in the blue coloured cells up to two decimal places.
- 2) After filing up the BOQ, the value obtained in the TOTAL AMOUNT INCLUDING GST Shall be quoted as the price for the contract in GeM portal.
- 3) The bidder should check the total amount carefully w.r.t. estimated amount before quoting TOTAL AMOUNT INCLUDING GST in GeM portal. Mismatch of value between Annexure - B4 (BOQ) and the input to GeM may lead to rejection of bid.
- 4) Name of the bidder is to be entered in the Green Cell of the BOQ.
- 5) The bidder have to convert this EXCEL sheet to PDF and upload the same in GeM portal at the Financial breakup location.
- 6) The 100% job will be split among three agencies in the ratio 40 : 30 :30.**