



TENDER DOCUMENT

FOR

POLYAMINE BASED

ALL VOLATILE TREATMENT PROGRAMME

FOR

BOILER FEED WATER

NATIONAL FERTILIZERS LIMITED

TENDER NO.AVT/2024-26

SPECIAL INSTRUCTIONS TO TENDERERS

NATIONAL FERTILIZERS LIMITED (NFL), Naya Nangal, a Govt. of India Undertaking referred to herein as the Owner intends to Line up the contract for **POLYAMINE BASED ALL VOLATILE TREATMENT PROGRAMME FOR BOILER FEED WATER** for its Plant located at Naya Nangal (Punjab) under **Two bid system**. Methodology for submission of proposal has been detailed here under in this document.

1. The procurement shall be made through e-tendering process. The offers in this process are required to be submitted electronically in place of offers in 'hard copy under sealed envelope' as being done conventionally.
2. **Earnest Money Deposit - in the form of RTGS/NEFT/BG(detailed as per NIT Clause No.13).** ~~In case the Earnest money deposit is preferred to be deposited by way of demand draft, then the DD must reach us before the Techno-Commercial Opening (as per tender schedule) though vendor is required to enter the DD no. and other related details on-line.~~ In case vendor fails to submit the Requisite EMD, prior to bid opening (as per tender schedule), the offer is liable to be rejected and may not be opened.
3. The system requirements to participate in the e-tendering are as under:
Pre-Requisites for System using e-Procurement sites:

Site Compatibility	
Browser used	Firefox
Full version	48
Your OS	Windows
Cookies Enabled	Yes
Your Screen Resolution	1366 x 768
Java Enabled	Yes
Java Version	1.8.0_151
JWS	true
Java Deployment Toolkit 8.0.1510.12	11.151.2.12
Java(TM) Platform SE 8 U151	11.151.2.12
Note: The portal is compatible for the following browser version	
IE	10 and above

Firefox	42 to 49
Firefox ESR	52
For Best results the Screen resolution should be set to 1024 x 768 Pre-Requisites for Login	

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://etenders.gov.in/eprocure/app>

Registration

- I. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- II. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- III. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- IV. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/nCode /eMudhra etc.), with their profile.
- V. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- VI. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

Searching For Tender Documents

- I. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- II. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- III. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

Preparation of Bids

- I. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- II. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- III. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- IV. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid*

Submission of Bids

- I. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- II. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- III. Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- IV. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- V. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- vi. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- vii. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- viii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- ix. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- x. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- I. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- II. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk as follows:

0120-4200 462/ 0120-4001 002/ 0120-4001 005/ 0120-6277 787
International Bidders are requested to prefix +91 as country code

Mr. Upender Duggal
Asst. Mgr.
National Fertilizers Limited
Naya Nangal – 140126
Mob : 9463126039
Email: upenderduggal@nfl.co.in

- 4. The tenders will be opened electronically by us from our Nangal office.
- 5. The tenders will be submitted online on the web site <https://etenders.gov.in/eprocure/app>

6. No oral, telephonic, telegraphic tenders or tenders submitted in hard copies/physical form will be entertained.
7. All tenders should be submitted online digitally signed and sealed by using digital certificate.
8. Tenderers are requested to scrutinize the terms and condition of this tender thoroughly along with the General Terms and condition etc. as given in tender documents.
9. No amendment to the tender would be admissible under any circumstances, whatsoever after the closing date and time of receipt of tenders.
10. NFL reserves the right to reject or accept any tender without giving any reason.
11. **SYSTEM FAILURES AND REMEDIAL MEASURES THEREOF/COURSE OF ACTION TO BE FOLLOWED;**
NFL shall make all out efforts to rectify the problem(s) leading to system failure during the live tendering. However in case the system could not be restored within the reasonable time period as deemed fit by NFL, the following remedial measures shall be taken under such an eventuality:

1. Tender is prepared and released but vendors are not able to submit their bids.	The due date of closing/opening shall be extended suitably.
2. Bids have been submitted but the same cannot be opened by NFL.	The due date of opening shall be extended suitably.

12. The activity defined for vendors are Download of Tender document, Bids Preparation and Hash Submission, Re-encryption of Online bid and Uploading of bids.
13. During the Download sequence, the vendors who have been invited will be able to download the main tender document and the supporting documents.
14. During the Bid Preparation and Hash Submission Stage, the bidders who have downloaded the tender document during the previous sequence will be preparing their bids and submitting their bid signed hashed online. Additionally, hashes will be generated for each single document (files) that is committed to be part of the bid. The bids will be prepared and hashes will be generated and signed envelope-wise. The signatures will be done digitally using DCs.
15. During Re-encryption of Online Bid sequence the bidders will re-encrypt their bid data and upload the documents for which hashes have been generated and submitted during the bid preparation and hash submission stage. The bids will be re-encrypted with the public key of the proprietary key pair that has been assigned to this tender.
16. **N.F.L. NANGAL - GSTIN No. 03AAACN0189N2ZD & PAN No. AAACN0189N**

TECHNICAL SECTION

OF

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ALL VOLATILE TREATMENT PROGRAMME

FOR

BOILER FEED WATER

Tender No. PN/RM/2024-26/AVT

PART-A: TECHNICAL TERMS & CONDITIONS OF THE CONTRACT

AS PER ANNEXURE ENCLOSED HERewith

COMMERCIAL SECTION

OF

TENDER DOCUMENT

FOR

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FOR

BOILER FEED WATER

Tender No. PN/RM/2024-26/AVT

PART-B: COMMERCIAL TERMS AND CONDITIONS

- 1 The bids will be opened at NFL Plant, Naya Nangal, electronically, on the date and time specified in the bid document (or any amendment thereof.)
- 2 Rates must be quoted in the 'unit of measurement' as per our NIT, i.e. Kilograms (Kg).
- 3 Offers not submitted as per instructions are liable to be rejected.
- 4 It shall be certified by the tenderer that none of blood relation of the owners/directors is participating in this tender in the name of other firm.
- 5 Tenderer must confirm that none of NFL's ex-employee is employed with them (In case any ex-employee of NFL is employed furnish details separately.)
- 6 Tenderer must confirm that they have not been de- listed /black listed in any unit of NFL.
- 7 Tenderer must confirm that they have provided detailed break up of landed price, i.e. amount of basic rate, packing & forwarding charges, GST, freight etc. have been separately shown in the price bid.
- 8 In case the tenderer is an authorized distributor, he should submit a letter from the principal manufacturer guaranteeing that they will stand by the contract. Back-up letter should be specific for this tender and should be enclosed with the un-priced commercial part of the tender.
- 9 ANY EXCEPTIONS/DEVIATIONS TO THE NIT SHALL BE SPECIFICALLY STATED.
- 10 **POSTPONEMENT OF TENDER OPENING**
Postal delays shall not cause postponement of tender processing dates and tenderers in their own interest shall take all steps that are necessary for them to participate in tender well in time. No responsibility for postal delays shall rest with NFL.

In case, due to some unforeseen circumstances, the date of receiving/opening of the tender happens to be a holiday/ closed day, the tender will be received and opened on the next working day.

NFL reserves the right to postpone the tender opening date and/or time and will intimate all the tenderers well in time, of such postponement along with notice of revised opening date and time.
- 11 **DEVIATION FROM TENDER CONDITIONS**
No deviations from the stipulated terms and conditions are likely to be accepted and bids with any such deviation shall be liable to be rejected without any correspondence, at sole discretion of NFL.
- 12 **EVALUATION OF TENDERS SHALL BE DONE WITH SUITABLE LOADING IN CASE OF DEVIATION AS COMPARED TO NFL'S TERMS AND CONDITIONS AT THE SOLE DISCRETION OF NFL, PROVIDED, NFL AGREES TO ALLOW DEVIATION.**

- 13 All information sought by NFL during tender evaluation shall be provided within the time set out in the communication on the subject. Failure of Tenderer to comply with requirements of NFL within stipulated time shall entitle NFL to proceed with the tenders on the basis of information available.
- 14 The Prices will remain firm till the complete execution of the order. No revision in prices will be allowed except for any increase/ decrease in rates of statutory levies and duties, such as, GST etc.
- 15 In case, any Term or Condition or any deviation as compared to Techno-Commercial Bid or earlier clarification/ confirmation is found in Price-Bid, the same shall be ignored.
- 16 **ACCEPTANCE/ REJECTION OF TENDER**
Notwithstanding anything to the contrary contained herein, NFL reserves the right to accept or reject any Tender and to annul the bidding process and reject any/ all bid(s) at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or of any obligation to inform the affected bidder or bidders of the grounds for NFL's action.
- 17 **VALIDITY OF TENDER**
Tender must be valid for acceptance for 90 days from the opening of Techno Commercial Bid.
- 18 **EARNEST MONEY DEPOSIT (EMD) :**
Tenders can be submitted EMD of Rs. 15000/- (**Rupees Fifteen Thousand Only**) in the form of :

(i) E-transfer in NFL account through RTGS/NEFT.

Our Bank account details are as under: -

Bank Name: **State Bank of India, Naya Nangal**

Account No.: **011070992603 (Cash credit A/c)**

IFS Code : **SBIN0000689**

MICR : **140002304**

or

(ii) Bank Guarantee in the prescribed format from any scheduled Bank excluding Gramin/Co-op Banks. The BG should be valid for a period of minimum 3 months and the party should give an undertaking for extension of the validity of the BG in case the same is desired by NFL. **(Annexure-Bid Security (EMD) Performa)Supplier/Contractor may be instructed specially to inform the UTR No. with Name of supplier in order to have hassle free transaction details.**

(iii) The party shall also arrange confirmation of Bank Guarantee (including all amendments) by their issuing bank through SFMS mode directly to the NFL Banker i.e. ICICI Bank Ltd., K1, Senior Mall, Sector-18, Noida, UP,201301, IFSC Code ICI0000031, as per following details:-

- ❖ IFN 760 COV for issuance of bank guarantee.
- ❖ IFN 767 COV for amendment of bank guarantee.
- ❖ Issuing bank shall mention NFL beneficiary code as "NFLNATIONAL04022015' in filed 7037 COV / IFN 767 COV".

In case EMD/ SD or PBG submitted through NEFT/RTGS, URN No. for the same mention in the offer. Cheque shall not be accepted in any case. No interest shall be payable on Earnest Money Deposit.

- 1.1 **Forfeited of EMD:** Earnest money will be forfeited at the sole discretion of NFL, in case tenderer after opening of tender, either wholly or in part, refuse to accept the Purchase Order or changes any of the conditions of the tender or changes the quoted rates and/or terms and conditions of the tender within validity period. If the successful tenderer does not deposit the security as stipulated in the Purchase Order, EMD will be forfeited without further reference.
- 1.2 Earnest Money deposit of the unsuccessful tenderers will be returned as early as possible after finalization of the tender.
- 1.3 Earnest Money Deposit will not carry any interest.
- 1.4 The tenders submitted without Earnest Money Deposit may be summarily rejected without any further reference.

19 SECURITY DEPOSIT-CUM-PBG (5% of the total basic order value)
SD-CUM-PBG can be submitted in the form of E-transfer in NFL account through RTGS/NEFT.
Our Bank account details are as under: -

Bank Name: **State Bank of India, Naya Nangal**

Account No: **011070992603 (Cash credit A/c)**

IFS Code : **SBIN000689**

MICR : **140002304**

Or

- i) **The Tenderer shall furnish a Bank Guarantee** from any of the scheduled Bank excluding Garmin/Co-op Banks in the format specified by NFL as per (Annexure XII) enclosed against the Security Deposit for the faithful and proper fulfilment of the contract. The BG should be valid for the Delivery Period plus Guarantee/Warranty Period plus 3 months claim period.
- ii) You shall arrange confirmation of Bank Guarantee (including all amendments) by your issuing bank through SFMS mode directly to State Bank of India, Corporate Accounts Group Branch, 4th& 5th Floor, Red Fort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi-110001(Branch Code 17313) (RTGS/IFSC Code- SBIN0017313) Swift Code : SBININBB824.
- iii) The party shall also arrange confirmation of Bank Guarantee (including all amendments) by their issuing bank through SFMS mode directly to the NFL Banker i.e. ICICI Bank Ltd., K1, Senior Mall, Sector-18, Noida, UP,201301, IFSC Code ICI0000031, as per following details:-

- ❖ IFN 760 COV for issuance of bank guarantee.
- ❖ IFN 767 COV for amendment of bank guarantee.
- ❖ Issuing bank shall mention NFL beneficiary code as "NFLNATIONAL04022015' in filed 7037 COV / IFN 767 COV".

iv) The Bank Guarantee should be submitted by your Bank directly to NFL in a sealed cover and not through supplier at following address:

SR.MGR.(Mtls.)
NATIONAL FERTILIZERS LIMITED
NANGAL UNIT-140126
DISTT. ROOPNAGAR
PUNJAB

In case EMD/ SD or PBG submitted through NEFT/RTGS, URN No. for the same mention in the offer. Cheque shall not be accepted in any case. No interest shall be payable on Earnest Money Deposit.

- 1.1 The successful tenderer shall be required to furnish non-interest bearing **Security Deposit-Cum PBG @ 5% of the Total Basic order value after adjusting EMD (if already submitted)** in the form of e-transfer/Bank Guarantee from nationalized/scheduled bank excluding rural & co-operative bank covering delivery period plus 3 months claim period. Bank guarantee must be directly sent by your banker to NFL. URN No. for the same may be mentioned in the offer.
- 1.2 ***The Security Deposit-Cum PBG submitted by you shall be converted into Performance Bank Guarantee which will remain valid till delivery period plus Guarantee/Warranty period plus 3 months claim period. Bank Guarantee must be directly sent by your banker to NFL.***
- 1.3 The **Security Deposit-Cum PBG** will be retained by NFL during the currency of contract or till settlement of all the accounts thereof, whichever is later. In case any dispute or difference not settled within the validity of Bank Guarantee, tenderer will arrange to get the Bank Guarantee extended as asked for by NFL, else NFL, at its sole discretion may call upon the Bank to pay the whole or part of the amount of Bank Guarantee.
- 1.4 The above deposit will be deemed to be security for the faithful performance of the contract and for the purpose of Section 74 of the Indian Contract Act, 1872 and for the extension of that section. In the event of any breach of any terms and conditions of the contract, NFL will have the right to encash the Bank Guarantee/ **Security Deposit-Cum PBG** either the whole or part of value of Bank Guarantee or Security Deposit and tenderer will make good the value of Bank Guarantee/ **Security Deposit-Cum PBG** to the extent of the amount so drawn within 15 days of receipt of intimation from NFL to this effect.
- 1.5 The amount so drawn will not in any way effect any remedy to which NFL may otherwise be entitled or any liability incurred by tenderer under the contract or any law for the time being in force relating thereto or bearing thereupon.
- 1.6 In the event of the forfeiture of whole or part of the **Security Deposit-Cum PBG**, the tenderer will deposit further sum/sums, so as to maintain the full **Security Deposit-Cum PBG** amount.

1.7 The **Security Deposit-Cum PBG** will be refunded after contract has been successfully completed. It will be lawful for NFL, if any difference or dispute is likely to exist, to defer payment of the **Security Deposit-Cum PBG** or any portion thereof which may be due for release until such difference and dispute had been finally settled or adjusted.

1.8 The **Security Deposit-Cum PBG** will not carry any interest.

20 RISK PURCHASE & LIQUIDATED DAMAGES

If the material is not delivered as per specified schedule in the Contract, NFL reserves the right to either:

- (i) Accept the goods, at its sole discretion after imposing the penalty @1/2% (half percent) of the invoice value (Basic Price only) of the delayed quantity for every week and part thereof, for the Period of delay, subject to maximum of 5% of the PO value, (Basic Price); Or,
- (ii) Place another Contract on any other Contractor for their proprietary chemicals for All Volatile Treatment at the risk and cost of the Contractor; Or,
- (iii) Treat the delay as default of Contract and forfeit Security Deposit Cum Performance Guarantee, terminating the Contract forthwith and taking, other action/s against the Contractor, within the provisions of the Contract.

21 SUBLETTING OF CONTRACT

The Successful Tenderer will not sublet or assign the Contract or any part of it without obtaining the written permission of NFL in advance. In the event of the successful Tenderer subletting or assigning the Contract or any part thereof without such permission, NFL shall be entitled to cancel the Contract and to purchase the goods elsewhere and successful Tenderer will be liable to the National Fertilizers Limited for any loss or damages which NFL may sustain in consequence or arising out of such purchases. Even in case subletting is permitted, NFL shall not recognize any Contractual obligation with the person or Contractor to whom subletting is permitted and shall hold the successful Tenderer responsible for satisfactory and due and proper fulfillment of the Contract.

22 FORCE MAJEURE

Neither party shall be considered in default in the performance of their obligations under the Contract, if such performance is prevented or delayed or restricted or interfered with by reasons of war, hostilities, revolution, rebellion, civil commotion, strike, epidemic, accident, fire, flood, earthquake, regulation or ordinance or requirement of any Government or any sub-division thereof, or authority or representative or any such Govt. or any other act whatsoever, whether similar or dissimilar to those enumerated, beyond the reasonable control of the parties here to or because of any act of God. The party so affected, upon giving prompt notice to the other party shall be excused from such performance to the extent of such prevention, delay, restriction or interference for the Period of it persists provided that the party so affected shall use its best efforts to avoid or remove such causes of non-performance if possible and shall continue performance hereunder with utmost efforts on cessation of force majeure events.

The party invoking force majeure will inform the other party of the Period for which the force majeure conditions continued along-with authentic documentary evidence in proof of occurrence of Force Majeure events.

23 INDEMNITY

The Contractor will indemnify and legally protect NFL and/or its employees against all claims, actions, proceedings, demands costs, expenses, causes of action or suits arising out of incidental to and/or consequent upon the services provided by the Contractor under the Contract or due to the failure of the Contractor in performance of his obligations under the Contract.

- 23.1 If NFL is called upon to make any payments as aforesaid due to any act or omission or failing of the Contractor, NFL shall be entitled to recover the said amount from any security or other guarantee available with the NFL under the Contract.
- 23.2 The Contractor will comply with all Central/ State Laws as well as the rules, regulations, by-laws and orders of the local authorities and statutory bodies and all labour laws as may be in force, from time to time. Any failure on their count on the part of the Contractor and the consequence thereof shall be solely on account of the Contractor. Liability, if any, under this head shall be solely borne and paid for by the Contractor.
- 23.3 The Contractor will indemnify NFL with all statutory requirements and laws in performing the Contract. The responsibility for action/safety or his employees while performing the Contract by the Contractor will be solely his.
- 23.4 The Contractor will indemnify NFL against any infringement of trademark or title to goods by him and shall be solely responsible for the goods offered for sale.

24 AWARD OF CONTRACT

Award of Contract will be made at the sole and absolute discretion of National Fertilizers Limited, which shall not be disputed. The terms and conditions as embodied in the Contract shall be final and shall supersede any other terms and conditions that might have been indicated in the tender submitted by the tenderer.

25 ARBITRATION

The contract shall be governed by and construed in accordance with the laws of India.

For Indian Parties:

- (a) "Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be resolved amicably through negotiations by the Parties. A "Notice of Dispute" shall be given by the party seeking resolution of a dispute to other party. If the dispute is not resolved within Thirty (30) days from the notice, the dispute shall be referred to arbitration as per the procedure mentioned herein below:

A written notice shall be given by the contractor invoking arbitration to National Fertilizers Limited through designated Authority.

Where the claim including determination of interest, if any, being claimed upto the date of commencement of arbitration does not exceed Rs. Five Crore, the reference shall be made to a sole arbitrator. The parties shall mutually agree on the name of sole arbitrator. In case of disagreement upon the name of the sole arbitrator, the appointment of Sole Arbitrator shall be done in accordance with the provisions of Arbitration & Conciliation Act, 1996.

Where the claim including determination of interest, if any, being claimed, upto the date of commencement of arbitration exceeds Rs. Five Crore, the reference shall be made to arbitral

tribunal consisting of three arbitrators. Each party shall nominate one arbitrator each within 30 days from the date of receipt of notice of invocation of arbitration and two nominated arbitrators shall appoint the presiding arbitrator within 30 days thereafter. If a Party to the dispute refuses or neglects to nominate an arbitrator on its behalf within the period specified, or the two arbitrators fails to nominate Presiding arbitrator, appointment of Arbitrators(s) shall be done in accordance with the provisions of Arbitration & Conciliation Act, 1996.

The Arbitration proceeding shall be governed by the Arbitration & Conciliation Act 1996 and any further statutory modification or re-enactment thereof and the rules made there under.

It is agreed by and between the parties that in case a reference is made to the Arbitrator for the purpose of resolving the disputes/ differences arising out of the contract by and between the parties hereto the Arbitrator shall not award interest on the awarded amount more than the rate SBI PLR/Base Rate applicable to NFL on date of award of contract.

The seat and venue of arbitration shall be Nangal Unit.

The cost of the proceedings shall be equally borne by the parties, unless otherwise directed by the arbitral tribunal. The decision of the arbitral tribunal shall be final and binding on all parties.”

26 LAWS GOVERNING CONTRACT

Contract will be governed by the Laws of Union of India for the time being in force.

27 SECRECY

Any information delivers or otherwise communicated by NFL to Contractor in connection with the Contract shall be regarded as secret and confidential and shall not without the written consent of NFL be published or disclosed to any third party or made use of by the Contractor except for the purpose of implementing the Contract.

28 CLEAR UNDERSTANDING

When a Tenderer submits his tender in response to this tender document, he will be deemed to have understood fully all requirements, terms and conditions. No request will be entertained on a pretext that the Tenderer did not have a clear idea on any particular point and/or a clause of the tender.

29 JURISDICTION

All actions at law or suits arising out of or in connection with this contract or the subject matter thereof will be instituted in a court situated at Nangal Court in Ropar District of Punjab

30 **DURATION OF CONTRACT**

The Contract shall be placed on Trial basis for an Initial Period of three months from the date of issue of LOI/ Contract. Depending upon the performance of treatment it may be further extended for a Period of twenty one months under written confirmation by NFL. In case treatment is not satisfactory, NFL at its sole discretion may terminate the Contract during and/ after Trial Period of three months.

30.1 There shall be no Trial Period for the Contractors, who have already executed similar job successfully at NFL Nangal Unit, provided the treatment chemicals are same. In totality the Contract Period will be of two years with or without Trial Period (as the case may be).

30.2 In case, Trial Period is allowed to the Contractor; Stabilization Period (part of Trial Period of three months) shall be of 15 days (max.) from the start of Trial Period. However, in case, Trial Period is not allowed to the Contractor, there shall be no Stabilization Period.

31 **STAGGERED SUPPLY OF CHEMICALS**

At the commencement of the Contract, supply shall be made for 'sixty days requirement' of chemicals for treatment. Thereafter, normal schedule of supplies shall be in such a way that the site inventory level does not fall below 'sixty days requirement' on the particular date of every month (starting from the date of commencement of treatment).

32 **TRANSPORTATION**

The responsibility of transportation of Chemicals to NFL Site shall be entirely of the Contractor.

33 Contractor has to ensure that all statutory requirements are fulfilled which is needed for the transportation of Chemicals as per rules.

34 HDPE containers will be Contractors property and empty HDPE containers will be taken back by them on regular basis/ at the end of Contract.

35 **PAYMENT TERMS**

35.1 In case Trial Period is allowed- On successful completion of Trial Period of three months, the payment will be made on actual consumption basis during trial period restricted to 1/8th of the total value of Contract and subject to actual number of days of operation during Trial Period and recovery of Penalties. In case of satisfactory completion of Trial, payment of the balance Period shall be made on actual monthly consumption basis subject to maximum of 1/21th of value of Contract for a balance period of 21months, subject to actual number of days of operation during that month and recovery of Penalties. In case, amount payable during Trial Period/ that month exceeds Trial Period or Monthly limit (i.e. 1/8th of the total value of Contract or 1/21th of balance value of Contractor), the same shall be carried forward and final adjustment/ payment will be made at the end of the second year of the Contract.

35.2 In case Trial Period is not allowed- Same formula, as mentioned above for regular treatment of 21 months, shall be applicable, considering 24 months instead of 21 months. In case, amount payable during that month exceeds monthly limit (i.e. 1/24th of total value of Contract), the same shall be carried forward and final adjustment/ payment will be made at the end of second year of the Contract.

35.3 Total payment shall be made on pro-rata basis of actual number of operational days of BFW System during the Contract Period of one Year. The 'Actual number of operational days of BFW system' shall be counted when BFW system is in line and Contracted chemicals are dosed. The period when plant is under complete shutdown during Annual Turnaround or some Short Shutdown or when preservation chemicals are only dosed shall not be counted as an operational day. On an operational day the 'Contracted chemical quantity for single day of treatment' will be considered irrespective of the normal variation in BFW quantity treated on that day.

36 Quantity to be dozed shall not be frozen on monthly basis and it may vary as per plant requirements. Any excess cost due to excess consumption of chemicals over the guaranteed contract cost shall be borne by the Contractor.

- 37 This will also not restrict the Contractor to keep inventory of chemicals, higher than the monthly average due to plant requirements, for which no extra payment shall be made.
- 38 NFL will not pay any packing charges, since the containers are to be taken back by the Contractor.
- 39 In case Trial Period is allowed- For Trial period, payment as per clause 35.1 shall be released within 30 days of successful completion of Trial Period. Once Trial is successful, monthly payment as per clause 35.1 shall be made within 30 days of particular date of every month, starting from the completion of one month after the successful Trial.
- 40 In case Trial Period is not allowed- Monthly payment as per clause 35.2, shall be made within 30 days of particular date of every month, starting from the completion of one month of regular treatment.
- 41 No payment will be made towards the cost of chemicals to be used for preservation boilers under Shut Down other than contracted chemicals. if the contracted chemicals are used for preservation purpose, the chemical consumption shall be counted in 'Actual Monthly Consumption' of chemicals for payment purposes in accordance with the clause 35.1 or 35.2, as the case may be.

- 42 In case, the Contractor uses Alternative chemicals/ Substitute chemicals or Chemical-Mix i.e. simultaneous use of Alternate and Contracted Chemicals), the Contractor shall be paid for the cost of Alternative chemical/ Substitute chemical/ Contracted chemicals, whichever is lower, calculated as per following formula:

(Rate/s of Alternate Chemical/Contracted chemicals) X (Actual Quantity Dozed/day) X (Days of treatment)

OR

(Rate/s of Contracted Chemical) X (Guaranteed Quantity of Contracted chemicals to be Dozed /day) X (Days of treatment)

The 'Guaranteed quantity of Contracted chemicals' shall be the Contracted chemical quantity for single day of treatment irrespective of normal variation in quantity of BFW treated on that day.

- 43 Leftover chemicals on completion of the Contract Period or termination of the Contract are to be taken back by the Contractor refunding the landed cost of such chemicals to NFL.
- 44 For any other contingencies not specified in the NIT, contingency shall be decided at the time of occurrence by mutual consent in writing by NFL. Unit In-Charge prior to start of contingency treatment shall approve it. Then dozing rate will be decided mutually, in order to maintain steam quality for which payment will be made to Contractor accordingly.

45 TERMINATION

- 45.1 If NFL observes that the Contractor is not able to achieve the steam quality requirement as per Clause 5.0.0 of Technical Section of Tender Document, for 7 days of continuous treatment; the Contract may be terminated, at the sole discretion of NFL. However, steam quality requirement during start-up of Boilers or Stabilization Period of 15 days will not be considered for terminating the Contract.

- 45.2 If at any point of time NFL observes deterioration in the inner surfaces of the various vessels/ machines or abnormal deviation in steam quality as mentioned in Clause 5.0.0 of Technical Section of Tender Document, the Contract may be terminated notwithstanding the various provisions of the Contract, at the sole discretion of NFL.
- 45.3 In case, due to unsatisfactory performance of the contract, termination clause become operative, termination notice of 15 days to 3 months shall be given to the Contactor. The contract shall be terminated after expiry of Notice Period. During Notice Period all terms and conditions in the contract shall also be applicable.
- 46 In case of termination of the Contract, NFL may forfeit SD cum Performance Guarantee equivalent to 10% of the Total Basic Value of the Contract, at the sole discretion of NFL. However, Performance Guarantee may not be forfeited during 'Trial Period', if allowed to the Contractor, by NFL.

47. MSMED Declaration

In case you are registered as MICRO, SMALL or MEDIUM Enterprise under 'The Macro, Small & Medium Enterprise Development Act, 2006 (MSMED Act)' promulgated by Government of India vide Notification dated 16/06/2006, please indicate the relevant category in your Offer enclosing the following documents, if applicable:

- a) A copy of UAM (Udyog Aadhar Memorandum) / Relevant certificate as applicable under MSMED.
- b) Please also indicate whether the MSE owned by SC/ST Entrepreneurs. If yes, attach relevant category certificate issued by authorities concerned.

The above documents should be submitted failing which the bidder shall not be entitled for the benefit under MSMED Act.

However, NFL reserve the right to cancel the order (if any) and blacklist / debar a firm for a period of three years, in case, it is determined that the firm benefitted wrongly from the Public Procurement Policy.

48. CLEAR UNDERSTANDING:

When a tenderer submits his tender in response to this tender document, he will be deemed to have understood fully all requirements, terms and conditions. No request will be entertained on a pretext that the tenderer did not have a clear idea on any particular point and/or a clause of the tender.

- 49 Provisions of Public Procurement (Preference to make in India) order 2017 notified vide order no. P-45021/2/2017 BE-II dated 15th June 2017 of Ministry of Commerce and Industry, Department of Industrial Policy and Promotion (DIPP) shall be applicable.

- 49.01 Bidders seeking benefits under Purchase Preference to Make in India (linked with local content) shall have to comply with the provisions specified under the Public Procurement (Preference to Make in India) order 2017. The salient features of which are as under:

- a) Minimum local content: - The minimum local content shall ordinarily be 50%.
- b) Margin of Purchase Preference: - The margin of purchase preference shall be 20%.

49.02 In case of procurement for a value up to Rs 10 crore, the local supplier at the time of tender, bidding or solicitation shall be required to provide self certification that the item offered meets the minimum local content of 50% and shall give details of the location(s) at which the local value addition is made. In case of procurement for a value in excess of Rs 10 crore, the local supplier shall be required to provide a certificate from Statutory Auditor or Cost Auditor of the Company (in the case of Company) or from practicing Cost Accountant or practicing Chartered Accountant (in respect of supplier's other than Company) giving the percentage of local content.

49.03 A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for Purchase Preference under this Order for procurement by any other procuring entity for the duration of the debarment. A self certificate to the effect that the bidder has not been debarred by any procuring entity from violation of this order should be enclosed along with techno-commercial bid.

Bidder shall be required to submit Self-Certification Form- Make In India (Local Content) on their Letter Head as per Annexure-Y enclosed alongwith offer.

50.00 In case of participation of MSEs and Make in India (local content) Vendor against the same tender, MSE Vendor will be given preference to match with L-1 bidder as per Public Procurement Policy. MSE Vendor will be evaluated with 15% purchase preference and local content Vendor will be evaluated with 20% purchase preference.

51.00 NFL reserves the right to relax the norms on prior experience & turnover for startups (recognized by DIPP)/Micro & Small Enterprises (MSEs) in Public Procurement subject to their meeting of quality and technical specifications. To avail such relaxation, party shall have to submit the relevant certificate issued by concerned authority.

52.00 In case a bidder is eligible to seek benefit under Purchase PP-LC (Purchase Preference-linked with local content) policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against one of the two only i.e. either PP-LC or MSE policy. The option once exercised cannot be modified subsequently.

52.01 Purchase preference benefits shall be extended to the bidder based on the declared option subject to the bidder meeting the requirements contained in that purchase preference policy.

52.02 In case a MSE bidder opts for purchase preference based on PP-LC, he shall not be entitled to claim purchase preference benefits available to MSE Bidders under PPP-2012. However the

exemption from furnishing Bidding Document fee and Bid security/EMD shall continue to be available to MSE Bidders.

53. Mode of Payment:

Electronic Fund Transfer (EFT)/ RTGS/NEFT only. Tenderer/Party is requested to provide their 11 digit Core Banking Account No., enabling NFL to arrange the transfer of due payment in their account directly through our SBI Branch situated in Naya Nangal complex. Any Bank Charges for this facility of direct credit by State Bank of India, Naya Nangal to their bank account will be borne by the party/ tenderer.

54 Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 as per office IOM no. 6/18/2019-PPD dated 23rd July 2020 & 8th Feb, 2021 (Enclosed) shall be applicable:

Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with Competent Authority.

Bidder shall be required to submit certification regarding compliance with this order on their Letter Head as per **Annexure-Z** enclosed alongwith offer.

55. Special Terms & Conditions

Vendor should submit the relevant documents as per Special Terms & Conditions. Price bid of only those vendors will be opened who will meet the Special Terms & Conditions. (SPECIAL TERMS & CONDITIONS AS PER ANNEXURE ENCLOSED HEREWITH)

Upender Duggal
AM (Mtls.)



TECHNICAL SECTION

PART-A: TECHNICAL TERMS & CONDITIONS OF THE CONTRACT

OF

TENDER DOCUMENT

FOR

POLYAMINE BASED

ALL VOLATILE TREATMENT PROGRAMME

FOR

BOILER FEED WATER

WY

PART-A: TECHNICAL TERMS & CONDITIONS OF THE CONTRACT

1.0.0 GENERAL

The Chemical Treatment Program Supplier should design a treatment system using Polyamine based AVT chemicals compatible with Phosphate (Tri Sodium Phosphate dodecahydrate as per IS 573: 1992 revised up to date). The AVT chemicals shall be free of Morphine, Cyclohexamine, Hydrazine Hydrate, Caustic and other chemicals used in conventional treatment for 0.02 ppm of silica in the BFW exit Deaerator. All Volatile treatment Chemicals (AVT) are continuously dosed at suction of BFW pumps in Ammonia Plant, steam drum (141-D) and into the steam drums of service boilers of Steam Generation plant. In addition to above, phosphate based dosing system is being used in Ammonia Plant to maintain phosphate concentration in steam drum(141-D) in the range of 5-10ppm of orthophosphate(as PO₄). Phosphate based dosing is also being used in new HRSG Boiler. Presently, the pH of the BFW is being maintained by dosing ammonia and existing practice of dosing ammonia for pH adjustment shall be continued, if so required. The changeover from existing treatment should be done without interruption in Plant Operation. The treatment shall be able to perform during the adverse water quality received occasionally during the rainy season. Contractor to design AVT Treatment compatible with dosing of phosphate in new steam generating equipments installed in revamped ammonia plant.

2.0.0 SCOPE OF THE PROGRAM

2.1.0 To design a suitable Polyamine based All Volatile treatment program (compatible with dosing of phosphate) to treat about 300 MT/hr (may vary depending upon plant conditions) of BFW measured at BFW pump discharge side for use as Boiler Feed Water in various Service Boilers and Waste Heat Boilers (WHB's). Ammonia plant is using NG as feed stock. For Steam Generation Plant (SGP) & Heat Recovery Steam Generator Plant (HRSG), the quantity of @ 130 MT/hr of BFW shall be considered while designing the package and about 170 MT/hr of BFW for WHB's in Ammonia Plant.

2.2.0 The Chemical Treatment Program Supplier shall provide AVT Chemicals and render comprehensive technical assistance during the entire Period of the Contract.

2.3.0 Presently proprietary AVT chemicals of M/S Helamin Impex are being dosed at three points namely at suction of BFW pumps in Ammonia Plant, steam drum(141-D) and into the steam drums of service boilers of Steam Generation Plant. The pH of the BFW is being maintained by dosing ammonia and existing practice of dosing ammonia for pH adjustment shall be continued, if so required.

2.4.0 The Chemical treatment programme supplier shall supply all the AVT chemicals except ammonia. In case the Contractor finds it necessary, during the ongoing operations of the Contract that some alternative AVT chemicals are required to be used in the interest of achieving better results, Contractor will have the option to use such alternative AVT chemicals by mutual consent in writing, prior to use of such chemicals. Contractor must mention name, anticipated dosing & cost of such alternative AVT chemicals and only such chemicals will be allowed. However, main AVT chemicals (contracted chemicals) shall only be considered for the purpose of calculating the running cost and for evaluation of Price Bid.

3.0.0 OPERATING PARAMETERS AND DESCRIPTION OF THE SYSTEM

3.1.0 Service Boilers:

	Coal Fired (3 NO's VU-40 Type, BHEL Make)	
	MCR	NCR
Maximum continuous output of each Boiler, TPH	182	154
Generated Evaporated Steam of each boiler, TPH	117	94
External Import Saturated steam, TPH	65	60
Super-Heated Steam Pr. at Battery Limit, Kg/cm ²	91	91
Super-Heated Steam outlet temperature, °C operating /max	510/525	510/525
Import Saturated Steam Pressure (From Ammonia Plant at Battery limit), Kg/cm ² a	103	105

3.2.0 Secondary Reformer Waste Heat Boiler (101-C) (Shell & Tube Type WHB)

	Tube Side	Shell Side
Fluid	BW/Steam	Sec. Reformer Effluent (in/out)
Fluid in/out Temperatures °C:	313.1/313.1	905.8 / 371.1
Working Pressure Kg/cm ² a	105	46.4
Normal Fluid Flow Kg/hr	111856 (Boiler Water Flow)	159580

3.3.0 HT Shift Effluent Steam generator (103-C) (Shell & Tube Type WHB)

	Tube Side	Shell Side
Fluid	HTS Effluent (in/out)	BW/Steam
Fluid in/out Temperatures °C:	424.9/330	313.1
Working Pressure Kg/cm2a	45.71	105.00
Fluid Flow Kg/hr	159580	26808

3.4.0 Waste Heat Boiler (E-1801)-Synthesis Section (1 No.Shell & Tube Type Boiler):

	Shell	Tube
Fluid	BFW/Steam	Syn Gas
Fluid in/out Temperatures °C:	277/315	453/--
Working Pressure Kg/cm2	105.0	195.0
Fluid Flow Kg/hr	41000 (BFW Make Up Flow)	178589

3.5.0 (LTS effluent LP steam Generator (131- C1) (1 No. Shell & Tube Type Boiler):

	Shell	Tube
Fluid	BFW/Steam	LT Shift Effluent Gas
Fluid in/out Temperatures °C:	104/146	176/153
Working Pressure Kg/cm2a	3.5	44.0
Fluid Flow Kg/hr	11793 (BFW Make Up Flow)	159580

3.6.0 Heat recovery and steam Generator (HRSG Boiler)

	HRSG Boiler	
	MCR	NCR
HRSG Steam drum steam generation, TPH	100	65
External Import Saturated steam, TPH	45	30
Super-Heated Steam Pr. at Battery Limit, Kg/cm2	91.8	91.5
Super-Heated Steam outlet temperature, °C operating	515	515
Import Saturated Steam Pressure (From Ammonia Plant at Battery limit), Kg/cm2 a	95.8	95.8

3.7.0 Steam Circuit:

- 3.7.1 Three (3) No. Service Boilers cater to the steam requirement of the expansion group of plants. All three coal fired boilers each having maximum steam generation capacity of 117 TPH along with capacity to superheat 65 TPH of additional saturated steam, which is sourced from the waste heat boilers in the Ammonia Plant.
- 3.7.2 HRSG Boiler has a maximum Steam Generation capacity of 100 TPH and additional capacity to superheat 45 TPH of saturated steam, which is also sourced from the waste heat boilers in the Ammonia Plant.
- 3.7.3 Under normal operating condition maximum one coal fire boiler & one HRSG boiler shall remain in operation and generating about 130 MT/hr saturated steam and superheating additional about 65 MT/hr of saturated steam source from waste heat boilers of ammonia plant. About 115 MT/hr saturated steam at about 105 ata pressure shall be generated in Reformed Gas & HTS Effluent Steam Generator (waste heat boilers) out of which 90 MT/hr shall be superheated in primary reformer waste heat recovery Section.

3.8.0 Deaerator:

- 3.8.1 The DM Plant supplies Polished Water at the rate of about 285 MT/hr (inclusive of approximately 120MT/hr of return turbine condensate and 41 MT/hr of stripped process condensate) to the deaerator. The stripped process condensate after mixing with **turbine condensate shall have a methanol content of 10 ppm**. In addition to DM water supply, about 3.5 MT/hr of steam condensate and about 11.5 MT/hr of LP steam are also fed to Deaerator.

3.9.0 Chemical Dosing:

- 3.9.1 The Polish Water and Steam Condensate @ 300 MT/Hr from Deaerator are being supplied to various Service Boilers, HRSG Boiler and WHB's after treatment. BFW pumps draw suction from Deaerator. The All Volatile treatment Chemicals are continuously dosed at three points namely at suction of BFW pumps in Ammonia Plant, steam drum(141-D) and into the steam drums of service boilers of Steam Generation Plant (SGP). Ammonia is also being dosed along with AVT chemicals in BFW pumps suction. The dosing tanks are not equipped with stirrer. The Contractor is free to use the existing dosing facilities. In case Contractor feels that existing facilities are not adequate then the Contractor shall arrange these along with spares/standby on returnable basis without any cost implication to NFL. It is desirable to have continuous dosing of chemicals by metering pumps for good control.
- 3.9.2 For Front end of Ammonia Plant, TSP based dosing system is being used to maintain phosphate concentration in steam drum(141-D) in the range of 5-10ppm of orthophosphate(as PO_4) in line with congruent phosphate-pH treatment for a boiler operating with steam drum pressure of 105kg/cm²(A). The phosphate dosing facility comprising of agitator, two pumps and all interconnected piping to facilitate dosing in steam drum 141-D are already installed. The Steam drum with phosphate laden

boiler water (141-D) is connected to natural circulation boilers 101-C (Secondary Reformer WHB) and 103-C (HT Shift Effluent Steam Generator). The proprietary AVT chemical dosed BFW shall be supplied from Deaerator (F-2301) to 131-C1 and 141-D through BFW Pumps. There is no phosphate dosing provision for 131-C-1 (LTS effluent LP steam Generator).

TSP based dosing system will be used in HRSG steam drum to achieve desired steam quality. The phosphate dosing facility comprising of agitator, two pumps and all interconnected piping to facilitate dosing in HRSG steam drum is installed.

3.9.3 The phosphate procurement and dosing shall be carried out by NFL. However, correct dosing rate of AVT chemical shall be guided by the party. Such dosing rate should be compatible with 5-10ppm phosphate in 141-D blow down. The monitoring of system parameters shall be in contractor scope for effective functioning of combo system of phosphate and AVT chemicals. The quality parameters for each boiler are mentioned at Point 4.0.0 (Steam and Condensate System Analysis)

3.9.4 The phosphate levels in integrated Steam and condensate system shall be analyzed by NFL laboratory; same shall be acceptable to party. The party shall advice regarding correct dosing rate of chemicals and TSP for effective functioning of combo system.

4.0.0 STEAM AND CONDENSATE SYSTEM (ANALYSIS)

The following Steam and condensate system quality parameters shall be maintained for steam and condensate network with aid of combo treatment utilizing AVT chemicals and TSP.

4.1.0 Polished water:

pH	Conductivity, μ mhos/cm	Silica, ppm	Iron, ppm
6.4-6.8 unit	0.7 (Max)	<0.012	<0.01

4.2.0 BFW (Ex De-aerator):

pH	Conductivity μ mhos/cm	Silica, ppm	Iron, ppm
9-9.5unit	20 (Max)	<0.010	<0.01

Treatment package to be designed considering silica in BFW up to 0.02 ppm.

4.3.0 Steam:

pH	Silica, ppm	Conductivity μ mhos/cm	Iron, ppm
9-9.5unit	< 0.012	25 (Max)	<0.01

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4.4.0 Condensate system:

pH	Silica, ppm	Conductivity μ mhos/cm	Iron, ppm
9-9.5 unit	< 0.008	25 (Max)	<0.01

4.5.0 Blow Down (Service Boilers):

pH	Silica, ppm	Conductivity μ mhos/cm	Iron, ppm
9-10 unit	0.8 (max)	40 (Max)	0.02-0.05 (Max)

4.6.0 Blow Down from 141-D (Boiler Drum for Reformed Gas & HTS Converter Exit)

pH	Conductivity	Fe	Cl -	PO4	SiO2	Na
9.5 – 9.8 units	25 mhos	0.02-0.04(Max) ppm	<2.5 ppm	6-10 ppm	<0.8 ppm	<10ppm

4.7.0 Blow Down from HRSG Boiler

pH	Conductivity	Fe	Cl -	PO4	SiO2	Na
9.5 – 9.8 units	25 mhos	0.02-0.04(Max) ppm	<2.5 ppm	6-10 ppm	<0.8 ppm	<10ppm

4.8.0 Quality of 131-C1 Blow down

pH	~ 10 units
SiO2	< 1 ppm

4.9.0 Steam Purity from 141-D

Na	< 100 ppb
SiO2	< 20 ppb

4.10.0 Blow Down (WHB- Synthesis):

PH	Silica, ppm	Conductivity μ mhos/cm	Iron, ppm
9-9.5	0.2 (max)	15 (Max)	0.02-0.03 (Max)

5.0.0 Steam Quality Requirement:

Iron ppm	Silica ppm
0.020 max.(Analysis will be carried out up to third decimal point)	0.012 max.(Analysis will be carried out up to third decimal point)

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5.0.1 The following samples shall be analyzed daily by NFL for quality check:

- 1) 3 nos. of sample (1 each from in operation coal fired/gas fire boilers super-heater exit ,one sample from primary reformer super-heater exit & one sample from HRSG Steam drum exit)

6.0.0 Chemical Treatment Program Supplier's SCOPE

6.1.0 Following information will be provided by Chemical Treatment Program Supplier:

- 6.1.1 Quality of blow down indicating Silica, Iron, is to be specified. NFL will monitor and control blow down from the system and the blow down rate from service boilers, HRSG boiler & waste heat boilers will be restricted in order to control Silica at max. Limit of 0.8 ppm for Service boilers, HRSG boiler & 141-D and 0.2 ppm (max) for Synthesis Section WHB. However the Contractor should design the treatment program in such a way that the blow down quality parameters should be better than parameters as defined in clause 4.5.0, 4.6.0, 4.7.0, 4.8.0, 4.9.0 & 4.10.0 with blow down quantity not more than 1.5% of the Steam production rate for service as well as waste heat boilers.
- 6.1.2 Quantity of contracted chemicals to be dosed @ Kg./day for treating 24x 300 MTPD of BFW so as to meet 'steam quality requirement' as per clause 5.0.0 of Technical section of tender documents.
- 6.1.3 Quantity of chemicals required for initial changeover, normal operation contingencies and preservation/start-up of Service boilers and WHBs.
- 6.1.4 The Contractor will provide the Technical /Trade names of all the chemicals including the alternative chemicals.
- 6.1.5 The Chemical Treatment Program Supplier shall supply the detailed procedure for chemical dosing and monitoring of parameters within one week of issuance of LOI/PO.
- 6.2.0 **Tenderer shall certify following with respect to supplied treatment package:**
 - 6.2.1 The treatment changeover will be without interrupting the plant operation.
 - 6.2.2 There shall not be any deterioration in the Efficiency/Wheel Chamber Pressure of the turbines due to treatment and should not indicate deposits/erosion on inspection.
 - 6.2.3 The chemicals supplied should be stable in steam and condensate system operating environment up to 530 degree Celsius and 150 bar pressure.

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- 6.2.4 AVT chemicals & phosphate combination should not have any adverse effect on HT CO Shift Catalyst (containing iron, copper & chromium), LT CO Shift Catalyst & Sulphur Guard (containing copper & zinc), Primary & secondary reformer catalyst (containing nickel & its support) Methanator Catalyst (containing nickel & its support), Molecular Sieves, Purifier unit, refractory material of Primary & Secondary Reformer, material of construction (MOC) of equipment/heat Exchangers tubes of carbon steel/alloy steel/ admiralty brass etc. and on ion exchange resins (DM Plant).
- 6.2.5 Chemicals to be used inclusive of alternate/substitute chemicals are environment friendly and are not banned in any country. Chemicals shall be supplied in new HDPE containers. The containers must be properly sealed and also shall be labelled properly with brand name, batch no, expiry date etc. Each batch of chemicals should have test certificate that all the chemicals are biodegradable and environment friendly and do not fall under banned category. The Contractor will supply the MSDS (material safety data sheet). The Contractor shall take back the chemicals that shall be left over after Contract is closed.
- 6.2.6 You shall certify that chemicals dosed during the Contracted Period shall not leave any harmful residues in the steam and condensate network.
- 6.2.7 You shall have to specify active ingredient/ ingredients of treatment chemical & their minimum Concentration for acceptance of supplied material.
- 6.3.0 The Chemical Treatment Program Supplier shall provide all Technical assistance and submit monthly performance reports. The daily/weekly/monthly analysis of our lab shall be sent to you through e-mail.
- 6.4.0 Treatment Program should be designed such that residual amine of 0.2 ppm shall be maintained in the blow down water of SGP in-Service Boilers, & Ammonia Synthesis WHB boiler, 141-D & HRSG boiler blow down(along with 5-10 ppm of phosphate). You shall supply free of cost the Reagent for analysing residual amine along with certified procedure to analyse the residual amine content. The frequency of assaying residual amine content will be done once/day for all in-service SGP boilers, HRSG boiler and Waste heat boilers in Ammonia plant.
- 6.5.0 Tenderer shall ensure Boiler Preservation (WET/ DRY) during Shut Down of any of the Service and WHB's. The Contractor shall submit the detailed procedure for preservation of boilers during shut down for following cases:
- Shut Down of Period less than seven days
 - From seven days to three months
 - More than three months
- 6.5.1 You shall submit the detailed procedure within one week of issuance of LOI/ PO. The Contractor shall indicate the name and quantity of chemical(s) to be added for Service Boilers, HRSG boiler and WHB's Boiler Preservation. However, NFL may decide to keep any of the Service or WHB under Hot standby/ Wet condition/ Dry

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condition as per plant requirement/ operational philosophy, the Contractor shall ensure Boiler Preservation accordingly. All arrangements for dosing & cost of AVT chemicals for boiler preservation purpose shall be in Contractor's scope.

6.6.0 The quality of return condensate shall be suitable for its direct recycle back to Deaerator. However it is in purview of NFL to send the return condensate directly to the Deaerator or to treat condensate first in Cation and mixed bed exchangers before sending to Deaerator.

7.0.0 MOBILISATION PERIOD

You shall have to start treatment within 21 days from the date of issue of LOI/ PO.

8.0.0 ALTERNATIVE CHEMICALS FOR ALL VOLATILE TREATMENT

The Contractor may sometimes find it necessary to change one or two chemical(s) during the treatment based on his experience regarding efficiency of chemical(s) in use. Since, the Contractor after carrying out the treatment shall be in a better position to know regarding effectiveness of treatment and desire to use some alternative chemical(s), permission for use of alternative chemical(s) can be considered in the interest of achieving better results.

9.0.0 PENALTIES

9.1.0 The Contractor shall ensure Steam Quality as per Clause 5.0.0 of Technical Section of Tender Document, failing which penalties shall be levied as per following clauses:

9.1.1 91 ata superheated steam samples as per clause 5.0.0 (Part-A- Technical Terms & Conditions of Tender Documents) will be assayed for steam quality parameters. If silica content on daily average basis of 4 nos. samples exceeds the value given in clause 5.0.0(Part A- Technical Terms & Conditions of Tender Documents) than the penalties will be levied at the rate based on formula given below:

Penalty/Day (in Rs.) = 250000 x (Average Silica in steam in ppm) – 3000 (Subject to Maximum of Rs. 2000/-day).

Average Silica in ppm	0.012	0.02
Penalty's/Day	0	2000/-

9.2.0 In case the iron content (on the basis of superheated steam from in service boiler) exceeds the limit specified in clause 5.0.0 of technical section of Tender Document for 24 hours in steam i.e. iron content exceeds the limit for two consecutive days, penalty shall be @ Rs2000/-day.



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- 9.2.1 No penalties shall be levied during Stabilization Period, if the Contractor is allowed for Stabilization Period.
- 9.3.0 Penalties shall be recovered out of Trial Period payment/ Monthly payment being released to the Contractor.
- 9.4.0 The results of NFL laboratory Analysis shall be final for all purposes. However, in case NFL observes that the deviation in steam quality with respect to parameters mentioned in clause 5.0.0 of the Technical Section of NIT is due to reasons not attributable to contractor, NFL at its sole discretion may decide not to impose the penalty.
- 9.5.0 The sum total of all the penalties mentioned above on daily basis shall not exceed beyond three hundred fiftieth part of total landed cost of treatment, (inclusive of Trial Period of three months, if allowed).

10.0.0 SERVICES OF CONTRACTOR'S ENGINEER

- 10.1.0 Tenderer's Application Engineer shall supervise the treatment during initial commissioning of dosing facility, changeover and Stabilization of treatment package and monitor the performance for 3-5 days. Regular monthly reports shall be submitted by you on the basis of **the daily/weekly/monthly analysis of our lab sent to you through e-mail**. Your specialist/representative shall be available on call basis throughout the duration of the contract.
- 10.1.1 However, operation of dosing system shall be done by N.F.L.
- 10.2.0 Tenderer shall be solely responsible for any liability of their Engineer posted at our plant for above services.
- 10.3.0 The accommodation to your Engineer shall be provided subject to availability and will be chargeable at commercial rates.
- 10.4.0 Maintenance of your own equipments supplied to NFL on loan basis required for Treatment shall be done by you and at the end of the Contract, you shall take them back. The above will be at your risk and cost.

11.0.0 Additional Requirement of AVT Chemicals (Not covered under above AVT Program)

- 11.0.1 There are low pressure steam waste heat boilers in Nitric Acid Plant. We intend to use your chemicals quoted for above detailed AVT Program, for our Nitric Acid Plant also. The tentative requirement is 660 Kg. of each chemical. These will be procured separately against separate Purchase Orders. However you will keep the rates of these chemicals firm for this additional quantity for a period of Two years. *(Separate Purchase Order will be issued for this quantity.)*
- 11.0.2 NFL shall do the dosing/ treatment and vendor shall not be responsible for any deviation/ change in desired parameters.

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**ANNEXURE-A
 SPECIAL TERM & CONDITION**

Sr.No	TERM	Documents Required
1.	Bidder shall have at least two years of successful operational experience for the particular chemical offered for dosing during the last ten years ending last day of previous month in which NIT has been issued, in refinery/fertilizers Unit.	Bidder to submit Performance Certificate along with copy of atleast one PO/Work Order for supply of AVT chemicals.
2.	AVT Chemicals should not have any adverse effect on CO- shift catalysts (Containing iron, Copper, Zinc and Chromium) Primary and Secondary reformer catalysts (containing nickel and its support material), Methanator catalyst (containing nickel and its support material), Molecular Sieve, refractory material of secondary reformer, material of construction of equipment/ heat exchangers tube of carbon steel/alloy steel/admiralty brasses etc. and ion exchange resins(DM Plant).	Bidder to certify.
3.	There should not be any deterioration in the efficiency /wheel chamber pressure of turbines due to treatment of offered chemicals and should not indicate erosion/deposit on inspection.	Bidder to certify.
4.	The offered chemicals should be stable at the temperature mentioned in technical and other details.	Bidder to certify.
5.	The average annual financial turnover of the bidder during the last three financial years i.e. 2020-21, 2021-22 and 2022-23 should not be less than Rs.2.784 Lakhs.	Bidder shall submit copies of Audited Profit & Loss Account and Balance Sheet for the last three financial years i.e. 2020-21, 2021-22 and 2022-23. In case, audited balance sheet / profit & loss account Statement not available, turnover certificate duly certified by Chartered Accountant with UDIN as documentary evidence in support thereof.

Handwritten signature

TECHNO-COMMERCIAL BID TEMPLATE

Item: Chemicals for AVT Treatment

Sr. No.	Description	NFL Requirement as per NIT	Vendors Comment (Agreed / If not Agreed, Name, Qty Please Comment)
1 (a)	Item	Name of quoted Chemical	
	Quantity	Dozing rate per day	
		Total required for 365 days of plant operation in Kg.	
1 (b)	Item	Name of quoted Chemical	
	Quantity	Dozing rate per day	
		Total required for 365 days of plant operation in Kg.	
1 (c)	Item	Name of quoted Chemical	
	Quantity	Dozing rate per day	
		Total required for 365 days of plant operation in Kg.	
1 (d)	Item	Name of quoted Chemical	
	Quantity	Dozing rate per day	
		Total required for 365 days of plant operation in Kg.	
Note:	Tender Type	Two Part Bid	
	Special Terms & Conditions	<p>Vendor should submit the relevant documents as per Special Terms & Conditions. Price bid of only those vendors will be opened who will meet the Special Terms & Conditions.</p> <p>Special Terms & Conditions Annexure attached in Tender Documents.</p>	

	Packing	Each Chemical should be packed in container having 30 Kg (Net Weight) bearing manufacturing and expiry date.	
	Test Certificate	You shall submit the Test Certificate of the quoted Chemicals.	
2	SD cum Performance Guarantee	5% of the Total Basic Value of Contract Refer Clause No. 19 of Commercial Section	
3	Earnest Money Deposit	Rs. 15,000/- only Refer Clause No. 18 of Commercial Section.	
4	Offer Validity	90 Days from the date of opening of Technical Bid.	
5	Duration of Contract	The Contract shall be placed on Trial basis for an Initial Period of three months from the date of issue of LOI/ Contract. Depending upon the performance of treatment it may be further extended for a Period of 21 months under written confirmation by NFL. In case treatment is not satisfactory, NFL at its sole discretion may terminate the Contract during and/ after Trial Period of three months. However, there shall be no Trial Period for the Contractors, who have already executed similar job successfully at NFL Nangal Unit, provided the treatment chemicals are same. In totality the Contract Period will be of two year with or without Trial Period.	
6	Payment Terms	As per Clause No. 35 in Commercial Part of this Tender	
7	Firm Prices	Quoted prices, included for the additional quantity for Nitric Acid Plant , will remain firm during the total period of the contract. However variation, if any, due to statuaries levies will be allowed.	
8	GST	The rate (%) of GST quoted & considered in Total Price to be mentioned by Vendor	
9	Penalties	As per Clause No. 9 of Technical Part of this Tender	
10	Black-listing/ Delisting	Vendor to confirm that they have not been delisted/ black-listed in any Unit of NFL.	
11	Relationship	<ul style="list-style-type: none"> • A) It shall be certified by the tenderer that None of NFL Employee is related to Owner / Director of Firm. • It shall be certified by the tenderer that None of Ex-Employee of NFL is employed with vendor Firm. • It shall be certified by the tenderer that none of blood relation of the owners/directors is participating in this tender in the name of other firm. 	

12	Any Other Comment / Information /Remarks	No Deviation to the terms & conditions of NIT is allowed. The offer with any condition/deviations is liable to be rejected at Sole option of NFL. However Tenderer may offer comment, if any.	
13	Acceptance of NIT Terms & Conditions	Vendor will confirm their acceptance to the Terms and Conditions of the NIT without any deviation.	
14	MSME-SAMADHAAN & "TReDS"	All MSE Vendors registered with CPSEs are required to be registered on "TReDS" platform (www.rxil.in) and "MSME-SAMADHAAN" portal of M/o. MSME. as per Department of Public Enterprises office memorandum No. DPE/7(4)/2017-Fin. Dated 17.10.2018.	
15	Delivery Period	Vendor shall quote/mention Minimum Delivery Period specifically in Weeks/ Months. Please do not comment 'Agreed' against this column.	
16	Vendor Contact details	Vendor may furnish E-Mail Id, Telephone / Mobile No. etc. along with complete Name & Address details of the firm for Clarifications / Placement of Order.	
17	MSMED Registration	Whether registered under MSMED Act, 2006. If YES, state the category i.e. Micro/ Small/ Medium Enterprises. Also confirm if the MSMEs owned by SC/ST Entrepreneur and if so, attach relevant certificate issued by authorities concerned	
18	Make in India	Make in India as per CI No. 49-52	
19	Mode of Payments	Electronic Fund Transfer (EFT)/ RTGS/NEFT only. Tenderer/Party is requested to provide their 11 digit Core Banking Account No., enabling NFL to arrange the transfer of due payment in their account directly through our SBI Branch situated in Naya Nangal complex. Any Bank Charges for this facility of direct credit by State Bank of India, Naya Nangal to their bank account will be borne by the party/ tenderer.	
20	RESTRICTION CERTIFICATION	Bidder shall be required to submit certification regarding compliance with this order on their Letter Head as per Annexure-Z enclosed alongwith offer	

BID SECURITY (EMD) FORM

DRAFT OF BANK GUARANTEE FOR BID SECURITY DEPOSIT/EMD

IN CONSIDERATION OF NATIONAL FERTILIZERS LIMITED (NFL), HAVING ITS REGISTERED OFFICE AT SCOPE COMPLEX, CORE-III, 7 INSTITUTIONAL AREA, LODHI ROAD, NEW DELHI-110003 (HEREINAFTER CALLED NFL WHICH EXPRESSION SHALL UNLESS REPUGNANT TO THE SUBJECT OR CONTEXT INCLUDES ITS SUCCESSORS AND ASSIGNS) HAVING AGREED TO EXEMPT _____ (HEREINAFTER CALLED THE, THE SAID TENDERER(S)' WHICH EXPRESSION SHALL UNLESS REPUGNANT TO THE SUBJECT OR CONTEXT INCLUDES HIS SUCCESSORS AND ASSIGNS) FROM THE DEMAND UNDER THE TERMS AND CONDITIONS OF TENDER NO _____ FOR _____ HEREINAFTER CALLED "THE SAID TENDERER' OF SUCH BID SECURITY DEPOSIT FOR THE DUE FULFILMENT BY THE SAID TENDERER(S) OF THE TERMS AND CONDITIONS CONTAINED IN THE SAID TENDER _____ FOR _____ ON PRODUCTION OF BANK GUARANTEE FOR RS. _____ (RUPEES _____ ONLY).

1. WE _____ BANK HEREINAFTER REFERRED TO AS 'THE BANK' DO HEREBY UNDERTAKE TO PAY TO NFL AN AMOUNT NOT EXCEEDING RS. _____ (RUPEES _____ ONLY) AGAINST ANY LOSS OR DAMAGE CAUSED TO OR SUFFERED BY 'NFL' REASON OF ANY BREACH BY THE SAID TENDERER(S) OF ANY OF THE TERMS AND CONDITIONS CONTAINED IN THE SAID TENDER (THE DECISION OF THE COMPANY AS TO ANY SUCH BREACH HAVING BEEN COMMITTED AND LOSS SUFFERED SHALL BE BINDING ON US.
2. WE _____ BANK DO HEREBY UNDERTAKE TO PAY THE AMOUNTS DUE AND PAYABLE UNDER THIS GUARANTEE WITHOUT ANY DEMUR MERELY OR A DEMAND FROM 'NFL' STATING THAT THE AMOUNT CLAIMED IS DUE BY WAY OF LOSS OR DAMAGE CAUSED TO OR WOULD CAUSE TO OR SUFFERED BY 'NFL' BY REASON OF ANY BREACH BY THE SAID TENDERER(S) OF ANY OF THE TERMS OR CONDITIONS CONTAINED IN THE SAID TENDER OR BY REASON OF THE SAID TENDERER'S FAILURE TO KEEP THE TENDER OPEN. ANY SUCH DEMAND MADE ON THE BANK 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 _____ ONLY).

3. WE _____ BANK FURTHER AGREE THAT THE GUARANTEE HEREIN CONTAINED SHALL REMAIN IN FULL FORCE AND EFFECT DURING THE PERIOD THAT WOULD BE TAKEN FOR THE FINALISATION 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 AND/ OR TILL ALL THE DUES OF NFL UNDER/OR BY VIRTUE OF THE SAID TENDER HAVE BEEN FULLY PAID AND ITS CLAIMS SATISFIED OR DISCHARGED OR TILL A DULY AUTHORISED OFFICER OF NFL CERTIFIED 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. UNLESS A DEMAND OR CLAIM UNDER THIS GUARANTEE IS MADE ON US IN WRITING ON OR BEFORE THE _____ TO INCLUDE 3 MONTHS CLAIM OVER AND ABOVE THE PERIOD MENTIONED IN THE PARAGRAPH FOR THE VALIDITY OF THE BANK GUARANTEE IN THE TENDER WE SHALL BE DISCHARGED FROM ALL LIABILITY UNDER THIS GUARANTEE THEREAFTER.

4. WE _____ BANK, LASTLY UNDERTAKE NOT TO REVOKE THIS GUARANTEE DURING ITS CURRENCY EXCEPT WITH THE PREVIOUS CONSENT OF 'NFL' IN WRITING.

DATED _____ DAY OF _____ 200

CORPORATE SEAL

FOR BANK.

SECURITY DEPOSIT-CUM-PERFORMANCE BANK GUARANTEE FORMAT

(To be prepared on Stamp paper issued in the name of Bank)

This BANK GUARANTEE No. _____ made this day of _____ between _____ a bank incorporated and having its registered office at _____ (hereinafter called BANK) which expression shall unless repugnant to the context or contrary to the meaning thereof include its successors and assigns on the one part and NATIONAL FERTILIZERS LIMITED, a Company registered in India under Companies Act, 1956 and having its registered office at Core - III, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi - 110 003, India to the context or contrary to the meaning thereof include its successors and assigns on the other part.

WHEREAS in pursuance to the agreement dated _____ (hereinafter called CONTRACT) entered into between National Fertilizers Limited (hereinafter called OWNER and _____ a Company incorporated in _____ (hereinafter called CONTRACTOR) which expression shall unless repugnant to the context or contrary to the meaning thereof include its successors and assigns, for supply of _____ as envisaged in the Contract, Contractor has to submit a SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee for Rs. _____.

CONTRACTOR accordingly agrees to furnish SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee as hereinafter contained towards fulfillment of all of its obligations under the contract.

NOW THIS DEED WITNESSES AS FOLLOWS:

1. In pursuance of the Contract, the Bank hereby guarantees as a direct responsibility to OWNER that the BANK is holding the amount of Rs. _____ at Owner's disposal and hereby promises and shall be bound to pay to OWNER, forthwith at Owner's written notice stating that the contractor has failed to fulfill its obligations under the contract for reasons for which contractor is liable and without any protest or demur and without recourse to contractor and without asking for any reasons as to whether the amount if lawfully asked for by Owner or not, the entire amount or the portion thereof as mentioned by Owner in the notice.

The decision of the Owner as to whether the terms and conditions of this SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee have been observed or not shall be final and binding on the BANK. In any case, however the Bank's responsibility under this SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee is limited to Rs. _____.

2. This SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee shall be valid for an initial period of _____ months from the date of this Bank Guarantee No. _____ dated _____ given by the Bank to Owner become effective. Upon issuance of Commissioning / erection / completion certificate according to terms of contract on expiry of _____ months after the issuance of the above mentioned certificate of commissioning / erection / completion certificate, the SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee shall become null and void.

3. This SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee shall be in addition to and shall not affect or be affected by any other security now or hereafter held by Owner on account of money hereby intended to secure and Owner at its discretion and without any further consent from the Bank, and without affecting its rights against the Bank, may compound with, give time or other indulgence to or make any other arrangement with Contractor and nothing done or omitted to be done by Owner in pursuance of any authority or permission contained in this guarantee, shall effect discharge of the liability of the Bank.

4. UNLESS PREVIOUSLY CANCELLED BY THE OWNER, this SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee will remain in force initially upto _____ months from the effective date of Bank Guarantee No. _____ dated _____ given by the Bank to the Owner and subject to provisions of paragraph 2 above will stand automatically cancelled on the expiry of the said period. Unless demand or claim under this Bank Guarantee is made on Bank in writing within three months from the date of expiry of this Bank Guarantee, all the rights of Owner against the Bank shall be forfeited and Bank shall be relieved and discharged from all the liabilities hereunder.

5. Any notice by way of request, demand or otherwise hereunder may be sent by post to the Bank, addressed as aforesaid, and if sent by post, it shall be deemed to have been given at the time when it would be delivered in due course of post, and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate, signed by an officer of the owners, to the effect that the envelope was so posted, shall be conclusive.

6. The SECURITY DEPOSIT-CUM-PERFORMANCE Bank Guarantee is to be returned to the Bank after its expiry in terms of Paragraph 4 above.

7. The Bank declares that it has the power to issue this guarantee and the undersigned have full power to do so.

Dated _____ this _____ day of _____.

(Indicate the name of the Bank with stamp)

Self-Certification Form: Make In India (Local Content)
(On Company's Letter Head)

Tender Ref. No.:

To

M/s National Fertilizers Limited, Nangal

Sub: Self Certification as per clause 9(a) of Revised Public Procurement (Preference to Make in India Order, 2017 of DPIIT dated:16.09.2020

Sir,

I.....(authorized signatory) for M/s.....a 'Class I Local Supplier'/ 'Class II Local Supplier 'at the time of tender, bidding or solicitation hereby confirm that the item meets the Local Content requirement for Class I Local Supplier' /'ClassII Local Supplier' (**Tick appropriate option & cut the other one**) and the Local Content percentage is.....

I also certify that the contractor M/s..... has not been debarred by any procuring entity from violation of this order.

The address is as below, where the local content/ value addition is made:

[Factory Address]

For M/s.....

Authorized Signatory

(with company seal & Name)

Model Clause Certificate: Public Procurement No. 1
(On Company's Letter Head)

Tender Ref. No.:

To

M/s National Fertilizers Limited, Nangal

Sub: Model Clause Certificate as per Annexure-III (Tenders) of Restrictions under rule 144 (xi) of the General financial Rules (GFRs) 2017, dated: 23.07.2020

Sir,

I.....(authorized signatory) for M/s..... have read the clause regarding restrictions on procurement from a contractor of a country which shares a land border with India. We certify that this contractor

M/s.....**[Vendor Name & address]** is not from such a country or, if from such a country **[Tick appropriate option & cut the other one]**, has been registered with the competent authority.

We hereby certify that we fulfil all requirements in this regard and is eligible to be considered **[attach evidence of valid registration certificate with competent authority]**.

For M/s.....

Authorized Signatory

(with company seal & Name)

Price Bid Template

Sr. No.	Name of Quoted Chemical	Qty. [In Kg.]	Per Unit Basic Rate (In `) (1)	Per Unit P & F Charges [if any](%) (2)	Per Unit P & F Charges [if any] (In `) (3)	Per Unit GST (In %) (3)	Per Unit GST (In `) (4)	Per Unit Freight upto Nangal (In %) (4)	Per Unit Freight upto Nangal (In `) (5)	Per Unit GST on Freight [if any] (In %) (5)	Per Unit GST on Freight [if any] (In `) (5)	Per Unit Total Landed Rate per No. In ` (1+2+3+4+5)
1												
2												
3												
4												

Note:

The above quotation has been prepared after taking into account all the terms and conditions of Tender Document Downloaded by us.