



రఘుగంధం ఫర్టిలైజర్స్ అండ్ కెమికల్స్ లిమిటెడ్

Ramagundam Fertilizers & Chemicals Limited

(A Joint venture company of NFL, EIL & FCIL)

**Site Office: Fertilizer City,
Ramagundam-505210,
Dist- Peddapalli, Telangana**

E-TENDER

BIDS ARE INVITED

FOR

"Annual rate contract for Operation & Maintenance of 2x240KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township Ramagundam-2025 for 24 months".

Tender No: RFCL /SITE-Tender/Misc./TS-STP/ O&M/2025/01

e-Tender Event ID : RFCL-2025-146

June-2025

Sam

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NOTE: The bidders shall satisfy themselves before submitting that no page or document listed above is missing from the tender Issued to him / them.

Signature



Ramagundam Fertilizers and Chemicals Ltd.

रामागुण्डम फर्टिलाइजर्स एण्ड केमिकल्स लिमिटेड

(A Joint Venture Company of NFL, EIL, FCIL, IITAS, GAIL & Govt. of Telangana)

Site office: Fertilizers Plant Ramagundam – 505210, Distt: Peddapally, Telangana

Telephone: +91 8728 257488 E mail: rfcl.ramagundam@rfcl.co.in

CIN No. U24100DL2015PLC276753

Tender No.: RFCL /SITE-Tender/Misc./TS-STP/ O&M/2025/01

Date: 30.06.2025

INSTRUCTIONS TO TENDERERS FOR E-TENDERING

1. Mode of Tendering:

Ramagundam Fertilizers and Chemicals Ltd. (A Joint Venture of NFL, EIL, FCIL, IITAS, GAIL & Govt. of Telangana) has decided to award "Annual rate contract for Operation & Maintenance of 2x240KLD MBR (Membrane Bioreactor) based Sewage Treatment Plant (STP) at RFCL Township Ramagundam-2025 for 24 months" through e-tendering. The NTT will be posted on website <https://www.tenderwizard.in/RFCL>, from where the registered vendors will be able to download the tender documents for participation in the tender and submit their bids online. The tender submission, tender closing and opening will be done electronically and online. The NTT shall also be posted on company's homepage i.e., www.rfcl.co.in.

RFCL has appointed M/s. Antares Systems Limited, Bangalore as service provider for carrying out e-Procurement. Also, as per IT ACT 2000, use of digital signature certificate shall be mandatory for participating in e-tendering process.

It is presumed that accordingly, you can submit your bid and participate in this tender as per the requirements of the system. However, in case of any help/clarification, you may contact any one of the following:

a) RAMAGUNDAM FERTILIZERS AND CHEMICALS LTD

Mr. D. Satyanarayana, AGM (TS) RFCL, Fertilizers City, Ramagundam – 505210 Mob No. 9990974500 E mail: d.satyanarayana@rfcl.co.in	Mr. B. Syam Kumar, Senior Manager (TS) RFCL, Fertilizers City, Ramagundam -- 505210 Mob No. 7702654687 E mail: svam.bandari@rfcl.co.in
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b) M/s. Antares Systems Limited

1	Approval of Profile & DSC Verification	Help Desk	-91-8045811365, +91-8800591743	twregdelhi@etenderwizard.com dsdelhi@etenderwizard.com
2	e-Tender Submission	Help Desk	+91 8045811365, +91 8045982100, +919870393814, +91 8800378607	saurabh.k@etenderwizard.com
3	e-Auction related Queries	Help Desk		rajeshkumar1023@etenderwizard.com
4	Office Hours: Monday to Friday - 09:00AM to 06:00PM (IST)			

[Handwritten signature]

2. (a) Pre-Requisites for System using e-Procurement sites:

- I. Bidders are strongly advised to refer Minimum System Requirement document uploaded on <https://www.tenderwizard.in/RFCL> under download section prior registration and participating in e-Tenders invited by RFCL.
- II. For Quick Bidder Manual, you can download "Bidder Manual" from <https://www.tenderwizard.in/RFCL> website **OR** contact us.

(b) Pre-Requisites for DSC Registration:

- The Vendor becomes a valid Vendor only after the registration of the DSC
- Vendors need to possess a valid DSC for participating in e-Tendering (class III DSC)
- Vendors need to procure DSC 24 hrs prior to Registration on <https://www.tenderwizard.in/RFCL>.
- It can be procured from any of the Certifying Authority registered under CCA India eg Sify, nCode, eMudra etc
- DSC can also be procured from the e-tendering service provider i.e. M/s Antares System Limited
- Respective DSC Drivers needs to be installed into the system.
- DSC needs to be physically inserted into the system.
- DSC should appear in the Browser.
- Vendor should map the DSC with their Log-ID immediately after registration, Email Verification.

(c) Pre-Requisites for Login Credentials:

For registration on the e-tender site <https://www.tenderwizard.in/RFCL>, one can be guided by the "Instructions to Vendors" available under the **user manual (download)** section of the homepage of the website. As the first step, bidder shall have to click the "Register" link and fill in the requisite information in the "Bidder Registration Form". Once you complete this process correctly, you shall get a system generated password and an email for verification. Thereafter, login into the portal using your credentials. When you log in for the first time, system will ask you to map your Digital Signature Certificate. Digital Signature Certificate Class 3 Signing + Encryption is mandatory to attach at the time of Registration and to log-in. **Bidders should ensure that DSC is in the name of registered firm and person only**

3. All the vendors participating in the online e-procurement have to abide by the process involved in the entire workflow of the e-procurement.
4. As a pre-requisite for participation in the tender, vendors are required to obtain a valid Digital Certificate of Class III (having both signing and encryption certificates) as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCIA), Controller of Certifying Authorities (CCA). The cost of obtaining the digital certificate shall be borne by the vendor.
5. Corrigendum/amendment, if any, shall be notified on the site <https://www.tenderwizard.in/RFCL>. In case any corrigendum/amendment is issued after the submission of the bid, then such vendors who have submitted their bids, shall be intimated about the corrigendum/amendment by a system-generated email. It shall be assumed that the information contained therein has been taken into account by the vendor. They have the choice of making changes in their bid before the due date and time.
6. Vendors are required to complete the entire process online on or before the due date/time of closing of the tender
7. Directions for submitting online offers, electronically, against e-procurement tenders directly through internet;
 - (i) Vendors are advised to log on to the website (<https://www.tenderwizard.in/RFCL>) and arrange to register themselves at the earliest
 - (ii) The system time (IST) that will be displayed on e-Procurement web page shall be the time considered

for determining the expiry of due date and time of the tender and no other time shall be taken into cognizance.

- (iii) Vendors are advised in their own interest to ensure that their bids are submitted in Tenderwizard e-Tender system well before the closing date and time of bid.
 - (iv) If the vendor intends to change/revise the bid already submitted, they shall have to change/revise their bid already submitted within the due date and time. There is no need to withdraw the bid to change/revise their bid. If any vendor withdraw their bid in any case, they will not be able to participate/submit/revise their bid in respective tender.
 - (v) After submission of tender vendors can update/ revise their bid any number of times within the due date and time for respective tender.
 - (vi) Once the entire process of submission of online bid is complete, they will get an auto mail from the system stating you have successfully submitted your bid in the following tender with tender details.
 - (vii) Bids / Offers shall not be permitted in e-procurement system after the due date / time of tender. Hence, no bid can be submitted after the due date and time of submission has elapsed.
 - (viii) No manual bids/offers along with electronic bids/offers shall be permitted except those specifically indicated.
8. No responsibility will be taken by RFCL and/or the e-procurement service provider (i.e. M/s. Antares Systems Limited) for any delay due to connectivity and availability of website. They shall not have any liability to vendors for any interruption or delay in access to the site irrespective of the cause. It is advisable that vendors who are not well conversant with e-tendering procedures, start filling up the tenders much before the due date / time so that there is sufficient time available with him/her to acquaint with all the steps and seek help if they so require. Even for those who are conversant with this type of e-tendering, it is suggested to complete all the activities ahead of time. It should be noted that the individual bid becomes viewable only after the opening of the bid on/after the due date and time. Please be reassured that your bid will be viewable only to you and nobody else till the due date/ time of the tender opening. The non-availability of viewing before due date and time is true for e-tendering service provider as well as RFCL officials.
9. RFCL and/or the e-procurement service provider shall not be responsible for any direct or indirect loss or damages and or consequential damages, arising out of the bidding process including but not limited to systems problems, inability to use the system, loss of electronic information etc. In case of any clarification pertaining to e-procurement process, the vendor may contact the following agencies / personnel:
10. RFCL is not responsible for any mistake made by the vendor at the time of bidding process. In case any vendor submits an invalid bid due to any reason including typing mistake / human error, such invalid bid will be disqualified, and such vendor shall not be allowed to further participate in that tender. The remaining process shall be completed considering the other valid bids.
11. For submitting price bid through e-Auction, the successful Pre-Qualified Vendors will have to use a Class III Digital Signature Certificate issued by any India CA approved by CCA of India as per IT Act 2000.
12. It is mandatory for the vendors to use the Digital Signature Certificate in all their bidding Process. It is the entire responsibility of the vendors to protect their own login id and Password and keep their digital certificate safe so that is not misused by any other person.
13. **Tender Schedule:**
- The notice of issue of enquiry and detailed schedule for downloading the NIT documents, submission of bids, tender closing, tender opening, and subsequent clarification/amendment in schedule etc. shall be available on the above-mentioned website against this tender.

Tender Schedule

<i>Sr. No.</i>	<i>Tender Stage</i>	<i>Date & Time</i>
1.	Start Tender Document Download	30.06.2025 at 17:00 hrs
2.	Pre-Bid Meeting	05.07.2025 at 10:00 hrs
3.	End Tender Document Download	14.07.2025 at 17:00 hrs
4.	Due/ last date of submission Bids	14.07.2025 at 17:00hrs
5.	Techno-commercial Bids Opening	14.07.2025 at 17:15 hrs
6.	Price Bid Opening	To be intimated

Note: After expiry of date & time for a particular activity as mentioned above, that particular activity cannot be done unless the schedule for the same is extended/ amended. Similarly, no activity can be done before start date & time specified for that particular activity unless the schedule for the same is preponed/amended.

14. The activity defined for vendors are Download of Tender document, Bids Preparation, Uploading of bids and Reverse Auction. Matching of Prices will be done manually. During the Download sequence, the vendors who have been invited will be able to download the main tender document and the supporting documents.

15. **Tender Opening:**

The tenders will be opened electronically by us from our RFCL Site Office in the presence of authorized representatives of Vendors who wish to attend the bid opening. The submission of bids may however be done by vendors from their office or from place of their choice. However, bids can't be submitted after the bid submission due date & time as per the schedule.

16. RFCL takes no responsibility for delay, loss or non-receipt of EMD sent by post/courier. The bids not accompanied with the requisite Earnest Money may not be opened.
17. RFCL reserves the right to reject or accept any tender without giving any reason

18. **SYSTEM FAILURES AND REMEDIAL MEASURES THEREOF/ COURSE OF ACTION TO BE FOLLOWED**

RFCL 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 RFCL, 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 RFCL.	The due date of opening shall be extended suitably.
3.	Bids including price bid have been opened and reverse auctioning could not start.	Under such eventuality, the reverse auction event shall be rescheduled, and the new schedule shall be informed to all the bidders who have participated in the tender & submitted their bids online.

19. **Name & Address of Contact person:**

Mr. D. Satyanarayana,
Assistant General Manager (TS),
Ramagundam Fertilizers and Chemicals Ltd,
Fertilizers City – 505210.
Ramagundam (Mandal), Peddapalli (District),
Telangana state, India.

20. **GST Nos.**

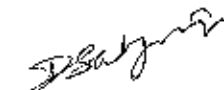
Unit	GST NO.
Ramagundam, Telangana	36AA1ICR2335P1ZY

21. In the event of any contradiction between General Terms & Conditions and Special Terms enclosed with this NIT, the later shall prevail.
22. The rates should be quoted as per price bid given in the enquiry only. Quotation should be valid for a minimum period of **120 days** from the date of opening of the tender (Technical bid). The rates should be quoted both in figures and in words.
23. Your GST Registration No. and Permanent Account No., allotted by the concerned Department should be mentioned in the quotation positively.
24. The offers submitted by MSE, shall be considered in Accordance with Public Procurement Policy for MSEs of March 2012. The parties claiming benefits Under MSEs policy must enclose requisite valid Registration Certificate as per said policy along with their offer. Please also indicate whether the MSEs owned by SC/ST Entrepreneurs. If yes, please attach relevant certificate issued by authorities concerned. However, RFCL reserve the right to cancel the order (if any) and blacklist/debar a firm in case it is determined that the firm benefitted wrongly from the Public Procurement Policy.

Note: Since this is a service contract, hence bidders registered under National Small-scale industries/MSE/Start-ups are exempted from submission of FMD. Submission of EMD is not mandatory for National Small-scale industries/MSE/Start-ups registered bidders.

Thanking You

For & On Behalf of Ramagundam Fertilizers and Chemicals Limited



D. Satyanarayana
Assistant General Manager (TS),

GAM SATYANARAYANA
General Manager (Technical Services)
Ramagundam Fertilizers and Chemicals Limited
Fertilizers City - 505210 Dist. Peddapalli (T.S)



Ramagundam Fertilizers and Chemicals Ltd.
रामागुंडम फर्टिलाइजर्स एंड केमिकल्स लिमिटेड

(A Joint Venture Company of NFL, EIL & FCL)

Site office: Fertilizers Plant Ramagundam – 505210, Distt: Peddapally, Telengana
Telephone: +91 8728 257488 E mail: rfcl.ramagundam@rfcl.co.in

CIN No. U24100DL2015PLC276753

Tender No: RFCL /SITE-Tender/Misc./TS-STP/ O&M/2025/01

Date: 30.06.2025

NOTICE INVITING TENDER

To,

Sub: Annual rate contract for Operation & Maintenance of 2x240KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township Ramagundam-2025 for 24 months.

Dear Sirs,

Sealed Bids are invited for the work as detailed below:

1. **Name of Work** "Annual rate contract for Operation & Maintenance of 2x240KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township Ramagundam-2025 for 24 months."
2. **Earnest Money Deposit and Tender Cost** **Tender Cost/Tender fee: Rs. 1000/- (Incl. GST)**
Tender fee is non-refundable
Earnest Money: ₹1,00,000 (Rupees One Lakh Only)
as per payment modes as stipulated as per clause no. 10 of Annexure-XI. Bids received without Tender Fee & EMD shall be outrightly rejected.
Note: This is a Service contract hence, Bidders registered under National Small-Scale Industries/MSME/start-ups are exempted from submission of E.M.D & Tender Fee
3. **Contract Validity** **24(Twenty-four) months** from the date of notification for start of work by Engineer-In-Charge.
4. **Validity of the Tender** **120 days** from the Date of Opening of Tender.
5. **Date/Time of Pre-Bid Meeting & Site Visit** **05.07.2025 10:00 AM** at office of AGM (TS), RFCL, Ramagundam.
6. All request for interpretation, clarification & queries in connection with tender shall be addressed in writing to Issuing Authority i. e. AGM. (TS), RFCL Site, Ramagundam at least 7 (Seven) days prior to the closing date of the tender.
7. The rate should be quoted in the Units given in the Schedule of Rates.
8. Ramagundam Fertilizers & Chemicals Ltd., Ramagundam reserves the right to reject any or all Bids without assigning any reasons whatsoever and it also does not bind itself to accept the Lowest Tender.

9. **Procedure for Submission of Tender:**

The Tender shall be submitted in Three Parts as under:

9.1 **Step No. 1/ Envelope No. 1:-**

Will be '**Tender Fee & EMD**' and shall contain Tender Fee & EMD or MSME as per Clause No. 2 of the above.

9.2 **Step No. 2/ Envelope No. 2:-**

- Will be '**Techno Commercial bid (unpriced)**' shall contain NIT duly signed, documents & all other declarations required as per Tender.
- Documents as stated in **Annexure-VII** for meeting the eligibility & evaluation criteria.
- Duly Filled Performa's of Techno Commercial Bid.
- Unpriced SOR Performa mentioning "quoted" in all pages with signature and stamp.

9.3 **Step No. 3/ Envelope No. 3:-**

Will be '**Price Bid/Schedule of Rates**' and shall contain the item wise rates only as per Schedule of Rates Performa.

All the procedure of filling the tender will be as on E Tender basis only.

9.4 **RFCL's Site bank details:**

Tender fee/EMD can be deposited in RFCL's account through RTGS/NEFT & details of the transaction with UTR No. to be submitted along with technical bid for verification.

RFCL's site bank Details for RTGS/NEFT are as follows:

- | | | |
|---------------------|---|---------------------------------------------------|
| a) Beneficiary Name | : | M/S RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED. |
| b) Name of bank | : | STATE BANK OF INDIA |
| c) Branch | : | FERTILIZER CITY, RAMAGUNDAM (61777) |
| d) Account Number | : | 36727029257 |
| e) IFSC No. | : | SBIN0061777 |

Alternatively, the bidder can submit the Tender Fee/EMD in the form of Crossed Demand Draft favouring Ramagundam Fertilizers and Chemicals Ltd. and issued by any scheduled/nationalized bank payable at Ramagundam. EMD can also be submitted in the form of Bank Guarantee Format of EMD-BG as per Annexure-XVII. The charges, if any, for online payment or for DD or for BG for submission of Tender fee/EMD will be borne by bidder. In case of submission of Tender Fee by DD & EMD by DD or in the form of BG, it should be ensured by the tenderer that the scan copy of the DD /BG is uploaded with E -Tender portal & original DD or Original BG should be received by RFCL within **3 working days** from opening day of techno-commercial bids for verification of the details of DD/BG given online by the tenderer.

10. **Opening of Tender:**

The Tender shall be opened as under E tender process:

Step No. 1: The envelope containing Tender Fee & EMD or MSME/NSIC will be opened first, on the scheduled date of opening of tender, Party those who failed to submit/upload the details of Tender Fee & EMD or MSME/NSIC will be rejected for further tender opening.

Step No. 2: "**Techno Commercial Bid (Unpriced)**" shall then be opened of only those parties who have submitted the EMD & Tender cost/ MSME/NSIC.

Step No. 3: '**Price Bid/Schedule of Rates**' shall be opened after meeting the eligibility criteria of **Techno-Commercial Bid(unpriced)** and whose bids determined to be technically and commercially responsive. The date of opening of Price Bid/SOR will be intimated to technically selected tenderers separately.

11. No condition or deviation should be mentioned by Bidder in Price Bid. Offers where the party has mentioned any condition or deviation in Price Bid shall be out rightly rejected
12. This letter shall form part of the contract document and shall be signed and returned along with the tender documents.
13. Every communication by tenderers shall be made in the English Language. All other information such as documents and drawings supplied by the Bidder will also be in English Language as will be any further information supplied by RFCL.
14. Bids containing erasures and alterations of the tender documents are liable to be rejected unless these are authenticated by the persons signing the tender documents.
15. "Bidders may ensure that tender documents/offer have been signed by appropriate/authorized representative for the Company. Withdrawal of offer/non-acceptance of orders placed based on offers submitted by bidders on their letter head will not be allowed on the grounds that offer was not signed by authorized person." in such case EMD shall be forfeited
16. One person will be allowed to represent only one company during discussion/negotiation with RFCL. If same person is representing different companies with authorization letter from more than one company, such person will be allowed to represent only the first company called for negotiation.
17. All pages shall be initialled at the lower right-hand corner and signed wherever required in the tender papers by the tenderers or by a person holding power of attorney authorizing him to sign on behalf of the tenderer before submission of tender. No eraser or overwriting is permissible

Thanking you,

Yours faithfully,

for M/s. Ramagundam Fertilizers & Chemicals Ltd.


(D. Satyanarayana)

Assistant General Manager (TS)

E mail: d.satyanarayana@rfcl.co.in

Mob No. 9990974500

Encl. Tender Documents (Annexure-I to XXIX)

DURGAM SATYANARAYAN

Asst. General Manager (Technical Service)

Ramagundam Fertilizers and Chemicals Limit.

Ramagundam-505210, Dist. Peddapalli (T)

DECLARATION FORM-I

(To be submitted in Envelope No. II)

Ref. No.: RFCL /SITE-Tender/Misc./TS-STP/O&M/2025/01

Dated- 30-06-2025

To,

AGM(TS)

Ramagundam fertilizers & Chemicals Limited

Fertilizer City, Ramagundam

District: Peddapalli (Telangana)

Pin Code- 505 210

Subject: Tender for "Annual rate contract for Operation & Maintenance of 2x240KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township Ramagundam-2025 for 24 months

I/Wehave read the conditions of tender attached hereto and agree to abide by such conditions. I/We offer to do the job of "....." work at the rates quoted in the attached Schedule of Rates and in accordance with the specifications, standards and instructions in writing of the Engineer-in-charge of M/s. Ramagundam Fertilizers and Chemicals Limited and hereby bind myself/ourselves to complete the work schedule and progress of work.

I/We further agree to abide by the conditions of contract and to carry out all work within the specified time in accordance with specifications of materials and workmanship and instructions referred to in the Notice Inviting Tenders.

I / We agree to accept payment by ECS / EFT from your Bank. Details of my/our Bank A/c No. are as under:

Bank A/c No. :

Type Account (Current A/c or Saving A/c) :

Name of the Bank :

Address of the Bank & Branch :

Branch Code:.....

IFSC Code :

In case of acceptance of the tender by Ramagundam Fertilizers & Chemicals Limited, I/We bind myself/ourselves to execute the contract as per the conditions mentioned in the tender documents failing which, I/We shall have no objection or claim to the forfeiture of the Earnest Money deposited with Ramagundam Fertilizers & Chemicals Limited, RAMAGUNDAM

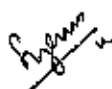
Thanking you

Yours faithfully

For M/s

(Signature of Contractor/Tenderer with
SEAL)

Address:



DECLARATION FORM-II

(To be kept in Envelope No. II)

The following declaration to be signed by Tenderer / Contractor and to be submitted along with required documents which would be duly self-certified:

Sr. No.	DESCRIPTION			
1	If a Tenderer has relation(s) whether by blood or otherwise with any of employee(s) of RFCL (Owner), the Tenderer must disclose the relation at the time of submission of Tender. RFCL shall reserve the right to reject the Tender or rescind the Contract, if such information is found incorrect.	YES / NO (If Yes, give the following details)		
2	<u>P.F. Registration No.</u> of the firm / company to be indicated along with <u>Documentary proof</u> thereof.	Name & Design. of the Employee	Place of Posting	Relation with the Employee
3	<u>PAN No.</u> (Permanent Account Number) of the firm / company issued by Income Tax Deptt. along with <u>Documentary Proof</u> thereof.			
4	<u>GST Registration No.</u> of the firm / company issued by GST authorities along with <u>Documentary Proof</u> thereof.			
5	<u>ESI Registration No.</u> issued by ESI Authorities along with <u>documentary proof</u> thereof.			
6	<u>MSME Registration</u> If the firm is registered as Micro/Small/Medium Enterprises as per MSMED Act, 2006, the same may be confirmed by the tenderer and submit a photocopy (Self certified) of the registration certificate of relevant services, in support thereof. Otherwise it will be construed that the firm is not registered as per MSMED Act, 2006.	Yes / No (If Yes, a Self-certified copy of registration certificate to be submitted) Mention the category i.e. Micro/Small/Medium		
7	Type of Firm to be specified (Proprietor / Partnership / Limited Co. etc.)			
8	Name of the Firm			
9	Address of the Firm			
10	Contact Details: a) Name of the Person: b) Mobile number / Landline Number c) Email	Contact Details: a) b) c)		
11	Power of Attorney/authorization for submission of tender document, as applicable Submitted	Yes / No		
12	Tender cost amount, DD Number and Date			
13	EMD amount, DD/UTR Number and Date			

Note: Please attach separate sheets for the details, wherever necessary.



Signature of the Contractor/ Tenderer with SEAL

Place: _____

Dated: _____

DECLARATION FORM-III

(To be kept in Envelope No. II)

To,

AGM(TS)
 Ramagundam fertilizers & Chemicals Limited
 Fertilizer City, Ramagundam
 District: Peddapalli (Telangana)
 Pin Code- 505 210

Subject:

Tender No.- RFCL /SITE-Tender/Misc./TS-STP/O&M/2025/01

Dated- 30-06-2025

Name of the contract: Annual Rate Contract for operation and Maintenance of the 2*240 KLD
 MBR (Membrane Bio- Reactor) based sewage Treatment Plant at RFCL Township Site for a
 period of 24 months.

Dear Sir,

1 UNDERTAKING

- a) I/We hereby confirm that Commercial Bid i.e. Price Bid is strictly as per Schedule of Quantities (Description/ Unit/Quantity of Items), Terms & Conditions and is also Un-conditional, including rebates offered. I/We shall have no objection for rejection of the offer, if found conditional.
- b) All the pages of NIT and GTC issued to us have been signed for its validity in token of its acceptance by us.
- c) It is confirmed that all the columns in the Price Bid, submitted in the Envelope-III, have been duly filled.
- d) I/We agree to evaluation of price bids and loading of GST under the terms of the NIT.

2 ACCEPTANCE OF TENDER CONDITIONS

I/We have personally read and gone through the scope of work, General Terms and Conditions of Contract (G.T.C.) and Special Terms and Conditions of NIT for the subject work, and I/we accept all the terms & conditions as mentioned in the G.T.C & NIT without any reservation and shall abide by the same.

FOR DOWNLOADING THE TENDER DOCUMENT FROM WEBSITE

- 3** With reference to your NIT No. _____ dated _____ and _____ the tender documents displayed on your web site, we hereby submit our tender for the subject work.

Since we have not purchased the tender document from your office and the tender documents have been down-loaded by us from RFCL website, we are hereby enclosing a demand draft

No. _____ dated _____ of _____ (Bank)

amounting to Rs. _____

(Rupees _____ only), in favour of RFCL, payable at

_____ towards the cost of tender documents.

- 4 Labour License(if applicable)
The contractor shall obtain Labour License, wherever applicable, from the appropriate Licensing Authorities i.e. Central/State Government under the Contract Labour (R&A) Act, 1970 & Contract Labour (R&A) Central Rules, 1971 and submit a copy of the same to RFCL, ----- before start of execution of contract work. Accordingly, we hereby give undertaking that: "As per provisions made under the Central Labour (R&A) Act 1970 & Contract Labour (R&A) Central Rules, 1971, we would obtain Labour License for the aforesaid job of _____ from the appropriate Licensing Authorities i.e. Central/State Government, as applicable from time to time, and submit a copy of the same to RFCL, before start of execution of contract work".
- 5 I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us. It is further certified that I/We will not get myself/ourselves registered under more than one name
- 6 I/We understand that in case of any information submitted by me/us is found to be false, forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender Earnest Money Deposit besides banning of business as per rules of RFCL
- 7 I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action provided in the contract including banning of business as per rules of RFCL.

Thanking you Yours

faithfully

For & on behalf of Tenderer/Contractor

Signature of the Contractor/ Tenderer with SEAL

Place: _____

Dated: _____

Sign

E-Banking Mandate Form**PRINT ON LETTER HEAD OF THE CUSTOMER/VENDOR.**

Ref No _____

Date: _____

E-BANKING MANDATE FORM

SL NO	PARTICULARS	DETAILS TO BE FILLED HERE
1	Vendor/Customer Name	M/s _____
2	Vendor/Customer Code	Optional _____
3	Vendor/Customer Address	
4	Vendor/Customer e-mail id	
5	Particulars of Bank Account	
	i) Name of the Bank	
	ii) Name of the Branch	
	iii) Branch Code	
	iv) Address	
	v) Telephone No.	
	vi) Type of Account	
	vii) Account No	
	viii) RTGS/IFSC number of the Bank	
	ix) 9 Digit MICR Code	

I/We hereby authorize Ramagundam Fertilizers and Chemicals Limited (RFCL) to release any amount due to me/us in the bank account as mentioned above. I/we hereby declare that the particulars given above are correct and complete. If the transactions are delayed or lost because of incomplete or incorrect information, we would not hold RFCL responsible for that.

SEAL & SIGNATURE of the Vendor/Customer

We certify that M/s _____ has an account no. _____ with us and we confirm that the details given above are correct as per our record.

Bank Stamp:

Date:



Signature of authorized officer of the Bank

REGISTRATION OF GST NUMBER

Requirement of GST Number:

The bidders are required to obtain the valid GST No., if applicable, as per laid down provisions under GST Act and submit a copy thereof as documentary evidence. Further in case the registration is not applicable under GST Act the same may be confirmed and following undertaking may be given by bidder

UNDERTAKING

Whether Registration certificate obtained: *Yes/No (tick whichever is applicable)*

- a. In case Yes, copy of valid certificate enclosed.
- b. In case No, it is confirmed that registration under GST Act is not applicable.
- c. In case registration under GST Act becomes applicable during the currency of contract, same shall be obtained and copy of valid GST No. shall be submitted to the RFCL.

(Signature & stamp of bidder)

(To be kept in Envelope No. II)

(An Affidavit in original on Non-judicial Stamp Paper of appropriate value attested by Notary)

AFFIDAVIT

With reference to NIT No.-RFCL/SITE-Tender/Misc./TS-STP/O&M/2025/01 Dated- 30-06-2025 of Ramagundam Fertilizers and Chemicals Limited, for the work of "Annual Rate Contract for Operation & Maintenance of 2 x 240 KLD MBR (Membrane Bio- Reactor) based sewage treatment plant (STP) at RFCL Township, Ramagundam-2025 for a period of 24 months."

I,.....S/o..... R/o.....
do hereby solemnly affirm and declare as Proprietor / Partner / Authorized signatory of the firm on behalf of M/s.....as under:

- i. That my / our firm / sister concern/their associates etc., has not been blacklisted, debarred, de-listed or put on holiday by any Institutional Agency / Government Department / Public Sector Undertaking for participating in the Tender in last 3 years
- ii. No other Firm / Sister Concerns / Associates belonging to the same group are participating / submitting the Tender for this job
- iii. That information furnished by me / us in respect of the above tender is true and correct and nothing has been concealed. In case any of the information is found to be false and /or incorrect at any stage, RFCL shall be at liberty to take the necessary action as deemed fit.

Dated: _____

DEPONENT

VERIFICATION

It is certified that the above contents / facts are correct and true to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

Place _____

Date: _____

My

ELIGIBILITY CRITERIA

Sl. No.	Conditions	Documents required (To be submitted along with Technical bid)
1.	<p>Bidder should be Contractor/agency having executed at least 1(one) similar work of Operation and/or Maintenance of MBR (Membrane Bio-Reactor) or MBRR (Moving Bed Bio Film Reactor) based Sewage Treatment Plants (STP) for Central Govt. Departments/State Govt. Departments/Public &/or Private Sector Factories/Projects/Operational-Establishments/Office Complexes/Hotels/Hospitals/Warehouses/Townships/Residential Apartments etc.in any one year, during the last 7 years.</p> <p>"Similar" means Operation and/or Maintenance of MBR based Sewage Treatment Plants (STP).</p> <p>Note: "The last 7 years shall be counted from last date of the preceding month in which tender has been issued."</p>	<p>i) Bidder must submit the copy of valid industrial license issued by Statutory authority for being a manufacturer along with ISO certificate/ GST Registration certificate / Udyog Aadhar / certificate issued by statutory authority/NSIC certificate or equivalent certificate.</p> <p>ii) In case the manufacturer wants to quote through their authorized dealer/distributor, or their authorized dealer wants to quote separately then authorization certificate from the manufacturer is required in addition to (i) above. The Authorization certificate should be issued for specific tender/enquiry.</p> <p>iii) Authorization letter from the company on behalf of the person signing the document be provided with technical bid.</p> <p>iv) For Proprietorship firm - Name of the proprietor to be mentioned. Affidavit of proprietorship in original duly notarized (latest).</p> <p>v) For Partnership firms - Affidavit in originals duly notarized, confirming the current status of the firm along with names of the partners. Copy of partnership deed duly notarized (latest) to be submitted.</p> <p>vi) For Transport unions/Co-operative societies/Registered societies- Copy of Registration certificate/ Copy of Resolution of members/Authority letter to participate in the tender.</p>
2.	<p>Bidder should have successfully completed similar work(s) as defined above in any one year during immediate last 7 years as mentioned below:</p> <p>One work having not less than ₹37.11 lakhs/- (excl. GST)</p> <p>or</p> <p>Two works each having value not less than ₹23.20 lakhs/- (excl. GST)</p> <p>or</p> <p>Three works each having value of not less than ₹18.56 lakhs/- (excl. GST)</p>	<p>Copy of Work Completion Certificate along with copy of Work Order from the organization where the work is executed is to be enclosed mentioning the completed value of each single work executed and performance certificate issued by the client.</p>
3.	<p>The Average Annual turnover of the bidder in last three financial years shall not be less than ₹13.92 lakhs/-</p> <p>Note:</p> <ul style="list-style-type: none"> In case financial year closing date is within 6 months of date of issue of enquiry and audited annual report of preceding financial year is not available, bidder has the option to submit the financial details of the three previous years immediately prior to the last financial year. Otherwise, it is compulsory to submit the financial details of the immediate three preceding financial years. (Example, in case, audited annual report of immediately preceding financial year (year ending 31st March) is not available and where enquiry issue date is up to 31st September, the financial details of the three previous years immediately prior to the last financial year may be submitted. However, 	<p>Bidder shall submit financial standing through Audited* Balance Sheet/ Profit & Loss Account for the last three financial years. (FY 24-25, 23-24, & 22-23)</p> <p>* Where audited accounts are not mandatory as per law, bidder can submit financial standing duly certified by practicing Chartered Accountants (not being an employee or a director or not having any interest in the bidder's company).</p>

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	<p>in case the enquiry issue date is after 31st December, it is compulsory to submit the financial details of the immediate three preceding financial years only.</p> <ul style="list-style-type: none"> In case bidder is having subsidiaries but only a single consolidated annual report is prepared as per prevailing law of land and audited which includes the financial details of their subsidiaries, consolidated audited annual report shall be considered for establishing the financial criteria subject to statutory auditor /chartered accountant of the bidder certifying that separate annual report of Bidder (without the financial data of subsidiaries) is not prepared and audited. Further, in case a bidder is a subsidiary company and separate annual report of the Bidder is not published, but only a consolidated annual report of the parent company is available, consolidated annual report shall be considered for establishing the financial criteria subject to statutory auditor of Parent Company /Chartered accountant of the Bidder certifying that separate annual report of the Bidder is not prepared and audited. 	
4.	<p>The net worth of the bidders should be positive for the financial year 2023-24 ending March 2024.</p> <p>*Networth = Paid up share capital + Reserves Out of Profit (including Security Premium) – Accumulated losses – Deferred Expenditure – Mis. Expenditure not written off.</p>	<p>A Copy of Audited* Balance Sheet should be submitted in support of your claim.</p> <p>* Where audited accounts are not mandatory as per law, bidder can submit financial standing duly certified by practicing Chartered Accountants (not being an employee or a director or not having any interest in the bidder's company).</p>
5.	<p>Bidder should have minimum working capital of ₹4.64 lakhs as per Audited Financial result of Financial Year 2023-24</p> <p>*Working capital should be current assets minus current liabilities.</p>	<p>Copy of audited balance sheet for the financial year 2023-24 ending 31st March 2024 should be submitted.</p> <p>Or</p> <p>Appropriate document issued either from any Indian scheduled Bank (except co-operative bank and Gramin Bank) for availability of unutilized fund-based line of credit for at least of ₹4.64 lakhs as on preceding month in which tender has been issued.</p>
6.	<p>I. Bidder must not be blacklisted by any government, department/public sector undertaking/co-operative Unit.</p> <p>II. Bidder must not be delisted / on Negative List by any government department/public sector undertaking/co-operative Unit in the last two years, as on date of participating in the tender.</p> <p>III. Bidder must not be on the Holiday list of R/CL.</p>	<p>Self-certification(s) for each should be submitted on Party's letterhead for the same.</p>

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Note:

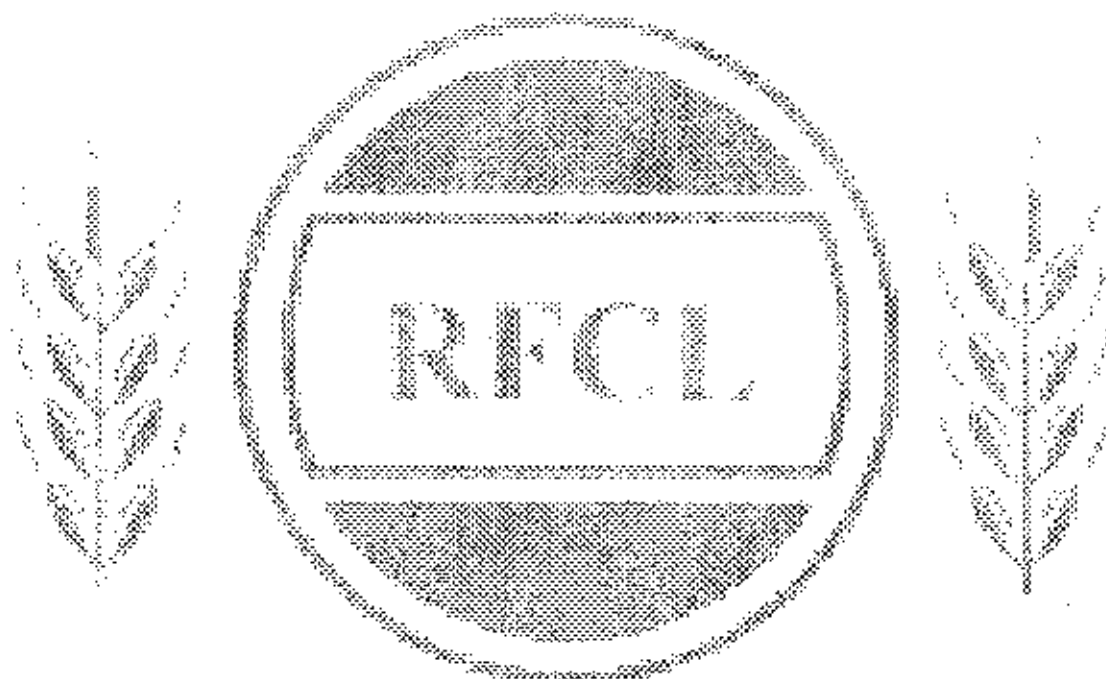
- 1) In case of newly formed partnership firm, the credentials of individual partners from previous propriety firm(s) or dissolved previous partnership firm(s) or split previous partnership firm(s), shall be considered only to the extent of their share in previous entity on the date of dissolution / split and their share in newly formed partnership firm. For example, a partner A had 30% share in previous entity and his share in present partnership firm is 20%. In the present tender under consideration, the credentials of partner A will be considered to the extent of 0.3×0.2 * value of the work done in the previous entity. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No. (s) in case of dissolution of partnership firm(s) etc.
- 2) In case of existing partnership firm, if any one or more partners quit the partnership firm, the credentials of remaining partnership firm shall be reworked out i.e., the quitting partner(s) shall take away his credentials to the extent of his share on the date of quitting the partnership firm (e.g. in a partnership firm of partners A, B & C having share 30%, 30% & 40% respectively and credentials of Rs 10 crore; in case partner C quits the firm, the credentials of this partnership firm shall remain as Rs 6 crore). For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No.(s) in case of dissolution of partnership firm(s) etc.
- 3) In case of existing partnership firm if any other partner(s) joins the firm, the credentials of partnership firm shall get enhanced to the extent of credentials of newly added partner(s). on the same principles as mentioned in item 1 above. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deeds, dissolution/splitting deeds and proof of surrender of PAN No. (s) in case of dissolution of partnership firm etc.
- 4) Any partner in a partnership firm cannot use or claim his credentials in any other firm without leaving the partnership firm i.e., in a partnership firm of A&B partners; A or B partner cannot use credentials of partnership firm of A&B partners in any other partnership firm or propriety firm without leaving partnership firm of A&B partners.
- 5) In case a partner in a partnership firm is replaced due to succession as per succession law, the proportion of credentials of the previous partner will be passed on to the successor.
- 6) If the percentage share among partners of a partnership firm is changed, but the partners remain the same, the credentials of the firm before such modification in the share will continue to be considered for the firm as it is without any change in their value. Further, in case a partner of partnership firm retires without taking away any credentials from the firm, the credentials of partnership firm shall remain the same as it is without any change in their value.
- 7) In a partnership firm "AB" of A&B partners, in case A also works as propriety firm "P" or partner in some other partnership firm "AX", credentials of A in propriety firm "P" or in other partnership firm "AX" earned after the date of becoming a partner of the firm AB shall not be added in partnership firm AB.
- 8) In case company A is merged with company B, then company B would get the credentials of company A also.
- 9) Completed Similar works means award of WO and completion of same in stipulated period.
- 10) If any bidder submits work order + completion certificate for similar work is more than one-year, Annualized value (proportionately calculated for one year) of completed work shall be considered for eligibility.

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- 11) If any party submitted agreements copy instead of PO/Work order, every agreement must include provisions for scope of work, tentative SOR quantities & amount, time schedule, price schedule, payment terms, penalties leviable on the party, Scope of work, defect liability period etc. *(Without the above provisions the agreement shall be treated as unsuitable for eligibility).*
- 12) The work description mentioned in the PO/Agreement or PO/Agreement number must be the same as that mentioned in the completion certificate. Otherwise, both will be treated as different and will not be considered suitable for eligibility.
- 13) The completion certificate having approximate/average work completion value will be treated unsuitable for eligibility.

Signature of the Tenderer / Contractor with Seal

Signature



मानव संसाधन विकास विभाग, दिल्ली

EVALUATION CRITERIA

1. The contract shall be awarded on Composite L – 1 basis. However, in case, it is found that L-1 tenderer has quoted non-workable rates for one / more items due to which they become L-1, RFCL reserves the right to reject such tender. This condition shall be applicable on next lowest tender (s) also.
2. If the tenderer does not quote rate of any item, it may be noted that for evaluation purposes the same shall be taken based on the highest rate quoted by the other tenderers. However, order shall be placed for the same item based on the lowest rate quoted by the other tenderers. In that case, the party shall have to execute that item(s), failing which action shall be taken as per terms & conditions of the contract.
3. Tenderer are required to quote their rates of the respective item of work as per the "UNIT" of Item mentioned in the Schedule of Quantities. If it is found that the contractor has quoted his rates against a particular item(s) by changing the "UNIT", such quoted rates of the contractor with the changed "UNIT" shall be ignored and treated as UNQUOTED RATE against that particular Item(s) and the tender shall be evaluated as Para 2 above.
4. The revised bids on due date of opening of the tenders, as per NIT, shall not be entertained. Where for any reason the due date and / or time of opening the tender is extended, intimation regarding revised tender opening date and time shall be given / displayed on the website. In case any of the parties, who have submitted offer earlier, submits revised offer, within extended period, their revised offer only will be considered for opening. However, where techno-commercial negotiations are conducted with all the bidders to clarify the deviations vis-à-vis tender specifications/ requirements, which lead to changes in terms / conditions and / or technical specifications, the bidders shall be given a fair chance to revise their price bids accordingly.

However, revision in prices, if any, may be through Add-on/reduction on account of change in terms/conditions and/ or technical specifications w.r.t original price bid submitted by all the eligible before opening of original price bid. While evaluating the offer, the impact of add-on/reduction on the original price bid should be considered and no fresh revised price bid should be sought from bidders against the same tender.
5. If tenderer offers rebate unilaterally after due date and time of submission of tender/bids, it is not to be taken into account for evaluation purpose. But if that bidder/tenderer emerges as a lowest evaluated bidder/tenderer, the rebate so offered is to be taken into account for placement of order.
6. The rates should be quoted in words and figures. If some discrepancies are found between the rates given in the words and figures or the amount shown in the tender, the following procedure shall be followed: -
 - a) When there is difference between the rates in figures and words, the rates which correspond to the amount worked out by the tenderer shall be taken as correct.
 - b) When the rates quoted by the tenderer in figures and words, tallies but the amount is incorrect, the rate quoted by the tenderer shall be taken as correct.
 - c) When it is not possible to ascertain the correct rate in the manner prescribed above, the rate as quoted in words shall be adopted.



DEFINITIONS OF TERMS

In the contract documents herein defined where the context so admits, the following words and expression will have the meanings assigned to them respectively:

1. "The OWNER or RFCL" means the Ramagundam Fertilizers and Chemicals Limited, in corporate in India, having its registered office at Scope Complex, 7 Institutional Area, Lodhi Road New Delhi - 110003 India.

"Bid" (including the term 'tender', 'offer', 'quotation' or 'proposal' in certain contexts) means an offer to supply goods, services or execution of works made in accordance with the terms and conditions set out in a document inviting such offers.

"The Bidder" (including the terms "tenderer", "consultant" or "service provider") in certain context means any eligible person, firm or company, including a consortium (that is association of several persons, or firms or companies) participating in the procurement process with a procuring entity.

"Notice Inviting Tenders (NIT)" (including the term 'invitation to bid' or 'request for proposals' in certain contexts) means a document and any amendment thereto published or notified by the procuring entity, which informs the potential bidders that it intends to procure goods, services and/or works.

2. The "ENGINEER-IN-CHARGE" shall mean the person designated as such by RFCL and shall include those who are expressly authorized by him to act for and on his behalf for operation of this contract.
3. The "WORK" shall mean the works to be executed in accordance with the contract or part thereof as the case may be and shall include all extra, additional, altered or substituted works as required for purpose of the contract.
4. "CONSTRUCTION EQUIPMENT" means all appliances and equipment of whatsoever nature for the use in or for the execution, completion operation or maintenance of the work unless intended to form part of permanent work.
5. "SITE" means the areas in which the work is to be performed by the Contractor and shall include a part or portion of the site on which the permanent work is proposed to be constructed.
6. The "TENDER DOCUMENTS" shall consist of Short Tender Notice, General Instructions to the Tender, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, Time Schedule Tender Form, Performa or Agreement Form Schedule of Rates, and Addendum/Addenda to Tender Documents.
7. "THE CONTRACTOR" means any person or persons or firm or company whose Tender has been accepted by RFCL with the concurrence of the Owner, and the legal personal representatives,

Signature

successors and permitted assigns of such person, persons firm or company. Contractor includes "Service Provider or Consultant" also.

8. The "CONTRACT" shall mean the Agreement between RFCL and the Contractor for the execution of the works including therein all contract documents.
9. The "SPECIFICATIONS" shall mean the various technical specifications attached and referred to in the Tender documents. It shall also include the latest addition of relevant Indian Standard Specifications published before entering into contract.
10. "The DRAWINGS" shall include Maps, Plans and Tracings OR Prints thereof with any modifications approved, in writing by the Engineer-in-charge and such other drawings as may, from time to time, be furnished or approved in writing by the Engineer-in-charge.
11. The "CONTRACT DOCUMENTS" shall consist of Agreement, Tender documents as defined in Clause 6, 7 & 8 above, Acceptance of Tender and further amendments.
12. The "ALTERATION ORDER" means an order given in writing by the Engineer-in-charge to affect additions to or deletion from and alterations in the works.
13. The "COMPLETION CERTIFICATE" shall mean the Certificate to be issued by the Engineer-in-charge when the works have been completed to his satisfaction.
14. The "FINAL CERTIFICATE" in relation to a work means the Certificate issued by the Owner after the period of liability is over.
15. The "PERIOD OF LIABILITY" in relation to work means the specified period from the date of issue of Completion Certificate upto the date of issue of Final Certificate during which the Contractor stand responsible for rectifying all defects that may appear in the works.
16. "ZERO DATE" shall mean the date of issue of LETTER OF INTENT (LOI) or issue of WORK ORDER, whichever is earlier or as mentioned in work order.
17. "GTC/GTCC" means General Terms & Conditions of Contract. "STC" shall mean Special Terms and Conditions of the contract.
18. Technical Terms and Conditions & Special Terms and conditions are succeeding to GTC. In case of any discrepancy or inconsistency between technical terms and conditions, special terms and conditions and general terms and conditions, the following order of preference shall be followed:
 - a) Scope of Work / Technical Terms and Conditions
 - b) Special Terms and Conditions
 - c) General Terms and Conditions (GTC/GTCC)
19. "Bid security" (including the term 'Earnest Money Deposit'(EMD), in certain contexts) means a security from a bidder securing obligations resulting from a prospective contract award with the intention to avoid: the withdrawal or modification of an offer within the validity of the bid, after the deadline for submission of such documents; failure to sign the contract or failure to provide the required security for the performance of the contract after an offer has been accepted; or failure to comply with any other condition precedent to signing the contract specified in the solicitation documents
20. "Class-1 local supplier" means a supplier or service provider, whose goods, services or works offered for procurement, meet the minimum local content as prescribed for 'Class-I local supplier' under the Public Procurement (Preference to Make in India), Order 20171.
21. "Class-II local supplier" means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-II local supplier' but less

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than that prescribed for 'Class-I local supplier' under the Public Procurement (Preference to Make in India), Order 20172;

22. "Competent Authority" means the officer (s) who have been delegated the financial powers to approve the decision.
23. "e-Procurement" means the use of information and communication technology (specially the internet) by the procuring entity in conducting its procurement processes with bidders for the acquisition of goods (supplies), works and services with the aim of open, non-discriminatory and efficient procurement through transparent procedures;
24. "Enlistment" means including the name of the contractor in the list of after verification of credentials.
25. "Goods" includes all articles, material, commodity, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, industrial plant, vehicles, aircrafts, ships, medicines, railway rolling stock, assemblies, sub-assemblies, accessories, a group of machineries comprising an integrated production process or such other categories of goods or intangible products like software, technology transfer, licenses, patents or other intellectual properties purchased or otherwise acquired for the use of Government but excludes books, publications, periodicals, etc., for a library. The term 'goods' also includes works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
26. "Invitation to (pre-)qualify" means a document including any amendment thereto published by the procuring entity inviting offers for pre-qualification from prospective bidders;
27. "Invitation to Enlist" means a document including any amendment thereto published by the procuring entity inviting offers for bidder enlistment from prospective bidders;
28. "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 percent³.
29. "Non-Local supplier" means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than that prescribed for 'Class-II local supplier' under the Public Procurement (Preference to Make in India), Order 20174.
30. "Pre-qualification (bidding) procedure" means the procedure set out to identify, prior to inviting bids or along with tender, the bidders that are qualified to participate in the procurement;
31. "Pre-qualification document" means the document including any amendment thereto issued by a procuring entity, which sets out the terms and conditions of the pre-qualification bidding and includes the invitation to pre-qualify;
32. "(Public) Procurement Guidelines" means guidelines applicable to Public Procurement, consisting of under relevant context a set of- i) Statutory Provisions (The Constitution of India; Indian Contract Act, 1872; Sales of Goods Act, 1930; and other laws as relevant to the context); ii) Rules & Regulations (General Financial Rules, 2017; Delegation of Financial Power Rules and any other regulation so declared by the Government); iii) Manuals of Policies and Procedures for Procurement (of Goods;

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Works; Consultancy/ other services or any for other category) promulgated by the Ministry of Finance and iv) Procuring

Entity's Documents relevant to the context (Codes, Manuals and Standard/ Model Bidding Documents);

33. "Procurement process" means the process of procurement extending from the assessment of need; issue of invitation to pre-qualify or to enlist or to bid, as the case may be; the award of the procurement contract; execution of contract till closure of the contract;
34. "Procuring Entity" (including Procuring Authority or Employer) means any Ministry or Department of the Central Government or a unit thereof or its attached or subordinate office to which powers of procurement have been delegated;
35. "Prospective bidder" means anyone likely or desirous to be a bidder;
36. "Reverse auction" (or the term 'Electronic reverse auction' in certain contexts) means an online real-time purchasing technique utilized by the procuring entity to select the successful bid, which involves presentation by bidders of successively more favorable bids during a scheduled period of time and automatic evaluation of bids;
37. "service" is defined by exception as any subject matter of procurement other than goods or works, except those incidental or consequential to the service, and includes physical, maintenance, professional, intellectual, training, consultancy and advisory services or any other service classified or declared as such by a procuring entity but does not include appointment of an individual made under any law, rules, regulations or order issued in this behalf. It includes 'Consultancy Services' and 'Other (Non-consultancy) Services'.
38. "Subject matter of procurement" means any item of procurement whether in the form of goods, services or works or a combination thereof;
39. "Works" refer to any activity, sufficient in itself to fulfill an economic or technical function, involving construction, fabrication, repair, overhaul, renovation, decoration, installation, erection, excavation, dredging, and so on, which make use of a combination of one or more of engineering design, architectural design, material and technology, labour, machinery and equipment. Supply of some materials or certain services may be incidental or consequential to and part of such works. The term "Works" includes (i) civil works for the purposes of roads, railway, airports, shipping-ports, bridges, buildings, irrigation systems, water supply, sewerage facilities, dams, tunnels and earthworks; and so on, and (ii) mechanical and electrical works involving fabrication, installation, erection, repair and maintenance of a mechanical or electrical nature relating to machinery and plants.

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SCOPE OF WORK & ASSOCIATED TERMS AND CONDITIONS

Scope of work includes but not limited to the following: -

1. Deployment of qualified & experienced **Operators & Reliever (s) with all requisite tools & tackles**, in three shifts for running of Township STP plant for 24 hrs in all days of the week.
Note:- Qualification for operators & Reliever: Minimum ITI (Fitter, Electrical, Mechanical) with 2 years Exp in process industry such as STP, ETP etc. in operation department etc.
2. Deployment of Six operators in three Shifts (2 operators in each shift) for running of STP Plant for 24 hrs and one reliever will be available to provide weekly off and leave to the operator as and when required.
3. Deployment of **Supervisor** in General Shift for monitoring the day-to-day maintenance activities in STP.

Note:- The contractor will have to keep one experienced site supervisor with having minimum 2 year of experience (in case of Diploma) or minimum 5 years' experience (in case ITI) in process industry. The Supervisor so deployed may be empowered with proper power of attorney / Authority letter to act on behalf of the Contractor's firm for all works and bill related matters taking instructions from Engineer-In-Charge. Preference will be given for diploma/ITI in Mechanical engineer/Mechanical Technician. The said supervisor must be able to communicate in either Hindi or English in addition to Telugu. In case of his absence from duties under normal circumstances for more than 3 working days in a month, penalty shall be levied @ ₹1000 per working day from due payments of the Contractor, till resumption of duties by the Supervisor. In case of absence due to medical reasons, Contractor shall inform the same to Engineer-In-Charge and shall endeavour to deploy replacement Supervisor temporarily, within 10 days. Upon failure to deploy replacement within 10 days, penalty shall be levied @ ₹1500 per working day from due payments of the Contractor, till re-deployment of the Supervisor. In case, no Engineer/Supervisor is present at site for more than 10 continuous working days, same shall be treated as non-performance at the Contractor's end. The quoted rates shall be deemed to include the above provisions.

4. Deployment of Manpower shall be with complete statutory compliances like Minimum Wages, PF, ESI, Leave, Bonus & Holiday payments.
5. Supply of PPE to operator as required.
6. Detailed Plant Health report shall be submitted once in a month. The plant health report shall be submitted in a format which shall be approved by RFCL Engineer-In-Charge.
7. Assurance for consistent Quality and Quantity of the treated water.
8. Water sample collection and analysis Reports of STP – inlet & outlet samples once in a month, in total –2 nos samples/Month. The parameters as tabulated below shall be indicated in the report along with applicable limits prescribed by CPCB and reports to be submitted to Engineer in Charge on or before 10th of the following month.

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TEST RESULTS

S. No	Parameters	Units	Test Method
1.	pH at 25°C	--	IS: 3025 part 11 1983, RA-2022
2.	Color	CU	IS: 3025 Part 4 1983, RA-2022
3.	Odor	--	IS: 3025 Part 5 1983
4.	Turbidity	NTU	IS: 3033 Part 10 1984, RA-2017
5.	Total Hardness as CaCO ₃	mg/L	IS: 3025 Part 21 2009, RA-2019
6.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991, RA-2019
7.	Total Dissolved Solids (at 180°C)	mg/L	IS: 3025 Part 16 1984, RA-2017
8.	Total Suspended Solids (at 103°C)	mg/L	IS: 3025 Part 17 1984, RA-2022
9.	Chemical Oxygen Demand (COD)	mg/L	IS: 3025 Part 58 2006, RA-2017
10.	Biological Oxygen Demand (3 days at 17°C)	mg/L	IS: 3025 Part 44 1993, RA-2019
11.	Sulphates as SO ₄	mg/L	APHA 23 rd Ed 2017 - 4500 SO ₄ E
12.	Residual Free Chlorine	mg/L	IS: 3025 Part 26 1986, RA-2023
13.	Ammonical Nitrogen	mg/L	IS: 3025 Part 34 1988, RA-2019
14.	Total Alkalinity as CaCO ₃	mg/L	IS: 3025 Part 23 1986, RA-2019
15.	Oil & Grease	mg/L	IS: 3025 Part 39 1989, RA-2021

MICROBIOLOGICAL ANALYSIS

S. No	Parameters	Units	Test Method
1.	Coli form Bacteria	MPN/100mL	APHA 23 rd ED 2017 9221 B
2.	E Coli Bacteria	MPN/100mL	APHA 23 rd ED 2017 9221 B

In addition to above, following parameters are to be analysed:

- 1) Dissolved Phosphates
- 2) MLSS

The samples shall be tested in NABL accredited laboratories only and monthly reports shall be submitted to the Engineer-In-Charge by first week of the succeeding month for review and records. The outlet water parameters achieved in the report, shall be considered as indicator of plant health.

9. The following shall be the broad scope for Operation & Maintenance of the STP:
 - A) **Manning of Township STP & intermediate pumping station at a distance of nearly 2km from Township STP**, as per the supplier's norms & good industry practice in three shifts by deploying experienced manpower along with supervisor with desired PPEs. The deployment of manpower shall be with all statutory compliances with respect to Minimum Wages, PF, ESI, Leave, Bonus, Holiday Payments etc.
 - B) Pumps operation as per O&M manual Annexure XXIX.
 - C) Bar screen cleaning.
 - D) Supply & safe keeping of consumables & inventory/stock management as per requirement in consultation with the Engineer-In-Charge for smooth operation of STP.
 - E) Dosing of chemicals/consumables etc. as per requirement and instruction of Engineer-In-Charge
 - F) Cleaning of suction and delivery line of pumps as required.
 - G) Cleaning of foot valve of pumps as and when required.
 - H) Maintenance cleaning of all pumps and motors as and when required.
 - I) Log sheets/Log Book will be maintained as per requirement/instruction of Engineer-In-Charge
 - J) Greasing of motor/pump bearings.
 - K) Gear Oil replacement and servicing.
 - L) Air filters cleaning of blowers.
 - M) Foot valve, Suction and delivery line cleaning, Diaphragm cleaning for dosing pumps.
 - N) Water sample collection from collection tank, treated water tank followed by submission of lab test reports after testing at NABL accredited labs (1 sample each from Inlet & Outlet every month). Parameters to be tested as per Sr. No. 8 above.
 - O) Submission of Plant Health Status Report on Monthly basis.
 - P) Chemical cleaning of MBR Module as per requirement & instruction of Engineer-In-Charge (Minimum Frequency- Twice per Annum)

- Q) Sludge disposal as per requirement and instruction of RFCL Engineer-In-Charge to dump yard designated by RFCL (within 3 km range) including deployment of tractor-trolley with required manpower for loading/unloading etc.
- R) Cleaning of all process tanks & sumps/pits etc. and clearing chocking, if any.
- S) Cleaning of the Treated Water Sump shall be carried out once in every quarter
- T) Supply and Replacement of bearings including of work/repair /maintenance and consumable shall be guaranteed for 6 months from the date of hand over of pump etc. for operation of plant.
- U) General Area Housekeeping of the STP Premises.
- V) Plant visit shall be Carried out by the representative from contractor on quarterly basis.
10. All required Chemicals / consumables like NaOCl, HCL, Urea, Dap, MLSS development chemicals, LBC, Gear oil, grease, poly, alum, V Belts, bearings, & pipes etc., will be supplied as per rates quoted at Price Schedule-II, Annexure-XXV The payment shall be made on actual quantum of material used based on-site consumption measurement or trend. **Hence, any and all consumables shall be strictly supplied upon approval/prior intimation to the Engineer-In-Charge.**
11. RFCL Plant is categorized as a hazardous factory and issuance of Safety work permits is mandatory for doing any job inside the plant process area. The contractor shall ensure that, until safety work permit is issued by RFCL (wherever applicable), work will not be carried out.
12. The Contractor shall arrange necessary documents of their manpower and ensure compliance of formalities for making Gate passes to work in RFCL's premises as per RFCL Plant Gate Security norms, which include **mandatory ESI registration, medical fitness check-up & Police Verification of workmen** to be deployed. The workmen, Operator, supervisors, Engineers are allowed to come in the working area only with proper gate passes. RFCL will issue necessary gate passes to such persons for whom the request will have to be made by the contractor. RFCL will not be responsible for late entry of the persons through the gate due to the absence of gate passes. The quoted rates shall be deemed to be inclusive of all these considerations.
13. All consumable, non-consumable materials to be brought inside STP shall be entered with proper gate passes.
14. Ensuring availability of calibrated measuring instruments/tools as and when required for measurement & inspection purpose like Measuring tapes, Auto-Level etc. shall be in the scope of Contractor.
15. The contractor shall provide pertinent PPE (Personal Protective Equipment) like Safety Helmets, Safety Shoes, Safety Goggles, Face Shields, Dust Masks, Hand Gloves, Gum Boots, Ear muffs etc. based on nature/location of works being carried out by workmen deployed by him. The contractor shall ensure strict compliance of Safety norms laid down by RFCL or as intimated from time to time, during the tenure of the Contract. However, all workmen shall be mandatorily provided with **minimum 1 No. Safety Helmet (Yellow Colour), 1 Pair of Safety Shoes per year & 1 Pair of Industrial Safety Hand Gloves per month**, which they shall wear invariably while working inside the Plant. The helmet shall bear the initials/logo of the Contractor's firm and Blood Group of the person wearing the same. **The quoted rates shall be deemed to be inclusive of these provisions. In case, Contractor fails to comply with above Safety norms, flat penalty @ ₹ 500 per incident of violation shall be levied from due payments of the Contractor.**
16. The watch and ward of all consumables, Contractor's as well as Free Issue Materials, if any shall be in the scope of the Contractor, at no extra cost to RFCL.
17. To & fro Local Travelling as may be required, Lodging and Boarding of their staff and workers from work site to their place of stay, shall be in the scope of the Contractor. Accommodation to company official in RFCL Premises may be provided, on chargeable basis, subject to availability.
18. The contractor shall make suitable arrangement and quote their rate accordingly so that the labour will be given weekly off, holiday and other statutory benefits like annual leave & retrenchment benefits. The quoted rates shall be deemed to be inclusive of all these considerations.
19. The contractor shall maintain records and comply to all applicable statutory provisions with respect to wage payment, PF, ESI labour license etc. (if required) and any other documents as may be required as per relevant statutes.
20. No minor, sick, old or medically unfit labour will be deployed for the work.

Signature

21. The contractor shall abide by all statutory rules and regulations of local authority, State and Central Govt. as the case may be with regard to statutory benefits and non-statutory benefits prevailing at RFCL-Ramagundam as applicable, at his own cost.
22. The contractor shall have to comply with the provision of payment of wages Act, 1936 minimum wages Act, 1948, contract labour (regulation and abolition) Act, 1970 with latest modification thereof or any other related law and rules made time to time. No extra claim shall be entertained by RFCL on this account.
23. RFCL has right to terminate the contract at any time during the contract period In case performance is not found satisfactory and work not carried as per instruction of Engineer-In-Charge.
24. The price shall be firm and no variation/escalation in price shall be allowed on any account till execution of the complete work.
25. The Quoted rates/prices shall include all the cost of materials, labours, taxes duties/levies except GST and other minor incidental expenses to complete the work as per the SOR Item.
26. The Chemicals shall be supplied in good quality containers/packaging. Vendor shall take back all the used containers/packaging and all the obligations under Plastic Waste Management (PWM-2016) (as amended from time to time) shall be complies by the vendor.

II. RFCL'S SCOPE:

- 1) Temporary LT power supply Single/3 phase, 50 Hz, 240 Volt/ 415 volt with TPN at a single point, free of cost subject to availability.
- 2) To provide necessary work permits and isolations as and where required.
- 3) RFCL shall provide Water Supply at Single point near working areas subject to availability. However, Flexible Pipe Hose of required length & Connectors, Clamps etc. shall have to be arranged by the Contractor at his own cost.
- 4) Crane with lifting tools & tackles shall be provided Free of Cost, upon request subject to availability for lifting & shifting any plant equipment for maintenance, on Free Issue basis.
- 5) Any Civil/Mechanical/Electrical/Instrument works/modification in the system except works involved in replacement of bearings.
- 6) Any equipment repair/replacement.
- 7) All Electrical control panel and PLC Spares, OEM visits & necessary repairs & replacement.
- 8) Control panel/ cabling servicing and replacing.
- 9) Rotary equipment's spares, OEM visits & necessary repairs/replacement.
- 10) Liaising and coordination with statutory body like local PCB etc.
- 11) Calibration of instruments.
- 12) Any sundry modifications/repairs/replacements not covered under Contractors' scope shall be under RFCL Scope.

III. TIME SCHEDULE:

1. Mobilization with Men and Equipment shall be done within 04(Four) days of start date of work mentioned in LOA.

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SPECIAL TERMS & CONDITIONS OF CONTRACT

1. RFCL does not guarantee any quantum of consumables to be consumed.
2. The agency will work in such a manner, which will not disturb the office environment. Certain jobs shall be carried out at the convenience of RFCL, which can only be executed after office hours and/or on holidays. To carry out these works, agency shall deploy workers at such convenient timings only. Nothing extra shall be payable on account of odd hours of working and/or waiting time for availability of site for work.
3. Contractor shall not employ in connection with the work, any person who has not completed Eighteen (18) years of age.
4. If there are varying or conflicting provisions made in any one document forming part of the contract, the decision of Engineer in charge shall be final and binding on the contractor.
5. The Contractor shall submit the Computerized Running Account Bills as per the RFCL approved format.
6. As per the Factory act, Medical Examination of all the Contract Employees have to be carried out yearly as per the prescribed format (Annexure XXVIII) and the cost incurred for conduction medical examinations is to be borne by the Contractor.

7. **PENALTY CLAUSE FOR INADEQUATE MANNING FOR OPERATION OF STP: -**

The Contractor shall ensure 24x7 continuous manning through Operators (in 3 Shifts) & Supervisor (in General Shift) for smooth operation of STP. In the event of any shortfall in manpower deployment is observed, RFCL at its sole discretion may temporarily replenish such shortfall by deploying its own manpower, at the cost of contractor and deduct applicable administrative charges as per contractual provisions.

8. **SPECIFICATIONS & QUANTUM FOR CONSUMABLES**

The technical specification & quantity of chemicals/consumables to be supplied shall be got approved by RFCL Engineer-In-Charge, in the beginning of each month. If required by Engineer-In-Charge, samples of the consumables may have to be presented for approval, at no extra cost to RFCL.

9. In Clause no. 1.2.0 of GTCC partly modified as service air shall not be provided by RFCL.

10. **GTCC Clause no. 1.8.0 (a), 1.8.0(b) and 1.8.0(c) is replaced with following:**

Tenderers must submit Earnest Money Deposit of Rs. 1,00,000/- (Rupees One lakh Only) & Tender fee of Rs.1000/- (Rupees One thousand). The tenderers will have the option to submit the Tender Fee and EMD either in the form of a Crossed Demand Draft favouring Ramagundam Fertilizers and Chemicals Ltd. and issued by any scheduled/nationalized bank payable at Ramagundam or through online payment modes like RTGS/NEFT etc or can submit the EMD in the form of Bank Guarantee Format of EMD-BG as per Annexure-XVII. The charges, if any, for online payment or for DD or for BG will be borne by bidder. In case of submission of Tender Fee by DD & EMD by DD or in the form of BG, it should be ensured by the tenderer that the scan copy of the DD /BG is uploaded with E -Tender portal & original DD or Original BG should be received by RFCL within 3 working days from opening day of techno-commercial bids for verification of the details of DD/BG given online by the tenderer.

The details of the transaction with UTR No to be submitted along with technical bid for verification. RFCL's Bank details for RTGS/NEFT are as follows:

Beneficiary Name : Ramagundam Fertilizers and Chemicals Limited
Bank name : State Bank of India
Branch Name : RFCL BRANCH (61777)
Bank A/c no. : 36727029257
IFSC Code : SBIN0061777

Earnest Money Deposit will not bear any interest.



Bids received without earnest money deposit & Tender fee shall be summarily rejected. Bidders registered under National Small-Scale Industries/MSME/start-ups are exempted from submission of E.M.D & Tender Fee

Note: Tenderer may submit copy of such DD/RTGS/NEFT/BG details immediately to d.satyanarayana@rfcl.co.in and syam.bandari@rfcl.co.in.

11. **GTCC Clause 1.9.0(vi) stands modified as below: -**

Bidder's bid should be workable. In case after Price Bid evaluation & analysis it is found that, bids have been submitted with non-workable rates i.e. abnormally low or high rates, such offers may be rejected.

12. **GTCC clause no. 1.22.0 (a) is modified as:**

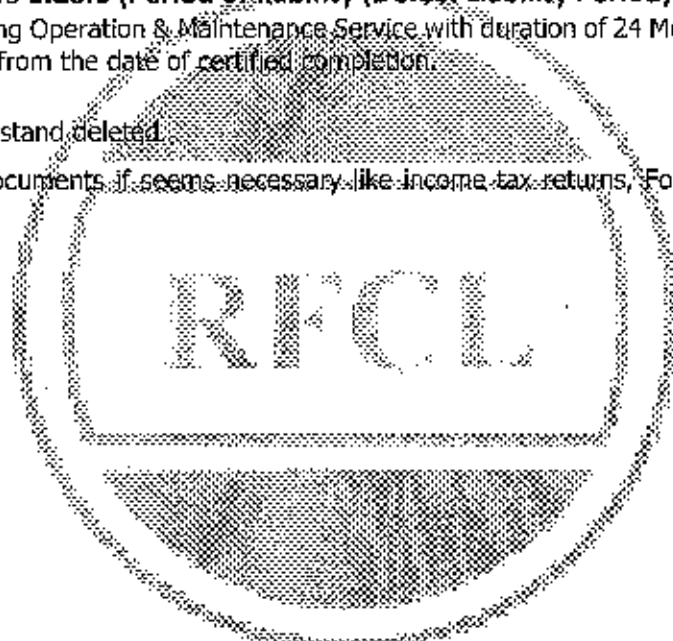
The contract shall remain valid for a period as specified in NIT reckoned from the date of its award (i.e., period of contract is 24 Months from the date of its award). Contractor shall Mobilize at site within 4 (Four) days of notification for actual date of start of contract. However, if the necessity arises Contractor may have to mobilize at site within 2 days of instruction given by RFCL in writing.

13. **Replace GTCC clause no 1.28.0 (Period of liability (Defect Liability Period) with the following clauses**
The subject work involving Operation & Maintenance Service with duration of 24 Months, period of Defect Liability Period shall be 1 Month from the date of certified completion.

14. **GTCC Clause no. 1.34.0 stand deleted.**

15. **RFCL may ask any documents if seems necessary like income tax returns, Form 26AS etc. while evaluating tender.**

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संयुक्त निदेशावली एवं अतिरिक्त विवरण

General Terms and Conditions of Contract

- 1.1.0 The execution of the work may entail working in all the site and weather condition and no extra rate will be considered on this account. The Contractor may have to carry out the jobs to work round the clock as per our requirement to be decided by Engineer in-charge and the Contractor should take this aspect into consideration for formulating his rates and quotation. No extra claim/overtime will be paid on this account.
- 1.2.0 Electricity, Water and Service Air will be provided free of cost at one point as per requirement of the job subject to availability.
- All lifting tools & tackles are to be got tested, wherever applicable, under the Competent Person engaged by State Government from time to time and the certificates duly verified by Competent Authority are to be submitted to the Department before taking up the job.
- 1.3.0 **Accommodation and Land for Contractor's Godown/Workshop:**
- 1.3.1 Suitable accommodation will be provided for the Contractor or his authorized representative on chargeable basis, if available.
- 1.3.2 RFCL may allocate land for putting temporary Godown/ workshop for making storage, work site by the Contractor, free of cost.
- 1.3.2.1 The CONTRACTOR shall at his own cost construct temporary structures as required by them for their office, fabrication shop and construction stores only in the area allocated to them on the project site by the RFCL or his authorised representative and provide suitable water supply and sanitary arrangement and get the same approved by the ENGINEER-IN-CHARGE. No unauthorised buildings, constructions or structures should be put up by the CONTRACTOR anywhere on the project site.
- 1.3.2.2 On completion of the works undertaken by the CONTRACTOR, he shall remove all temporary works erected by him and have the SITE cleaned as directed by ENGINEER-IN-CHARGE.
- 1.3.2.3 If the CONTRACTOR shall fail to comply with these requirements, the ENGINEER-IN-CHARGE may at the expenses of the CONTRACTOR remove such surplus, and rubbish materials and dispose of the same as he deems fit and get the site cleared as aforesaid; and CONTRACTOR shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such surplus materials disposed of as aforesaid.
- 1.3.2.4 RFCL reserves the right to ask the CONTRACTOR any time during the pendency of the CONTRACT to vacate the land by giving 7 days' notice on security reasons or on national interest or otherwise.
- 1.3.2.5 No person except for authorised watchman shall be allowed to stay in the plant area/CONTRACTOR's area after completion of the day's job without prior written permission from ENGINEER-IN-CHARGE.
- 1.3.2.6 **Land for Residential Accommodation:** No Land shall be made available for residential accommodation for staff and labour of CONTRACTOR.
- 1.4.0 The Contractor shall have to make his own arrangements for all Tools & Tackles, Skilled and Unskilled labours etc. required for the job. The work is subject to inspection at all time by the Engineers-in-



charge and the Contractor shall have to carry out the work to the entire satisfaction of the Engineer-in-charge.

- 1.5.0 **Sub-Contracting:** Sub-Contracting of the job will not be allowed without prior written permission of the owner (RFCL).
- 1.6.0 **Statutory deduction** on account of Income Tax and GST TDS on works contract shall be made at the rates applicable at the time of release of payment to the bidder.
- 1.7.0 The rates quoted will be firm for the currency of the contract period and will not be subjected to escalation irrespective of any increase what so ever. The rates quoted for materials, if any, are F.O.R. RFCL Site, Ramagundam and are inclusive of all taxes. No taxes will be paid extra(excluding GST). However, the escalation pertaining to labour deployment component will be allowed as per clause 1.30.0

1.8.0 Earnest Money Deposit:

- a) The Tenderer should make a deposit of Earnest Money and Tender Fees as prescribed in NIT/Tender by an A/C Payees Demand Draft (Separate for both) drawn on any Scheduled Bank except Rural or Co-Operative Bank in favour of "Ramagundam Fertilizers and Chemicals Limited," payable at Ramagundam. The Earnest Money and Tender Fees shall not be accepted in any other form except specified.
- b) The Earnest Money and Tender Fees should accompany the Tender in separate Envelope without which tender may not be opened and it may be considered as rejected at the sole discretion of RFCL. However, Bidders firm registered, Prior to bid submission due date, with NSIC/MSE (Micro & small) vendors are exempted from submission of Tender fee and EMD subject to submission of documentary evidence that the bidder is a Micro or Small Enterprises registered with District Industries Centers or Khadi and Village Industries or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises or Udyog Aadhaar Memorandum.
- c) In case tenderers are required to collect tenders from RFCL Office, the tender sets may be given upon the submission of the tender fee in prescribed mode/form as above. In case parties download the tenders from the website, tendered are required to submit the respective tender fee along with EMD.
- d) Earnest Money Deposit will be refunded to all unsuccessful bidders after award of Contract/Placement of Order against the tender to Successful bidder. Earnest Money Deposit will be refunded to all Technically unsuitable bidders within 30 days after expiry of tender validity period or placement of order against tender whichever is earlier. No Interest shall be payable by RFCL for amount deposited as Earnest Money.
- e) Earnest Money is liable to be forfeited if tenderer:
- Withdraws or modifies offer in full or part during the validity period
 - Failure of the bidder to honor their offer.
 - Does not accept Purchase / Work Order if placed by RFCL
 - Does not Confirm of acceptance of order within the stipulated time after placement of order.
 - Inability to perform satisfactorily after receipt of order in case of successful bidder.

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vi. If documents submitted along with the bid are found false, fabricated etc.

1.9.0 The following tenders will be liable to summary rejection:

- i. Tenders submitted by Tenderer who resort to canvassing.
- ii. Tenders, which do not fulfil any of the conditions, laid down in the Tender Documents or are incomplete, in any respect.
- iii. Tenders, which contain uncalled for remarks or any alternative additional conditions.
- iv. The company reserve the right to accept the lowest or any other Tender in part or in full or award parallel contracts or reject all OR any of the Tender without assigning any reasons thereof.
- v. Tenders received late / delayed.
- vi. Bidder's bid should be workable and price bids quoting "Nil" consideration or "Negative" or "Zero" or its derivatives as contractor's service charge/ profit margin will be rejected summarily.
- vii. Bids having less than current minimum wages as specified by Govt of India/Telangana State Govt. whichever is higher and not fulfilling the related statutory requirements as per applicable labour laws/other laws from time to time.
- viii. Tenders not accompanying the Earnest Money and Tender fee of prescribed value and prescribed mode/form.
- ix. Ring tendering/Cartel formation

1.10.0 If the Tenderer has relations whether by blood or otherwise with any of the employees (including employees on deputation) of the RFCL, the tenderer must disclose the relation in the Form of Declaration attached, at the time of submission of tender failing which RFCL shall reserve the right to reject the tender or rescind the Contract.

1.11.0 The Contractor shall at all times indemnify RFCL against any claim which may be made under the ESI Act 1948, regulation/ scheme or any statutory modifications thereof or otherwise for or in respect of any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the Contractor or not.

1.12.0 In every case in which by virtue of provision of ESI Act 1948 or any other Law for the time being in force, RFCL is obliged to pay compensation to a Workmen employed by the Contractor for the execution of the work, RFCL will recover the amount of the compensation so paid from the Contractor's bill, Security Deposit, Bank Guarantees.

a) The Contractor will be solely responsible for any liability for his workers in respect of any accident, injury etc. arising out of and in the course of Contractor's employment. For this purpose, he shall obtain ESI Registration Number from Appropriate Authorities and deposit both Employer's as well as employees share of ESI contribution each month with ESI Authorities and also make necessary compliance of the provisions of the ESI Act, its regulations and scheme. The Contractor shall be responsible for recovery of employees share of ESI contribution from the concerned Contract Labour and RFCL will not bear any liability whatsoever on this account. Further, the Contractor also indemnifies RFCL against any damages/interest that may be imposed by ESI Authorities on account of non-payment/delayed payments towards ESI.

b) The Contractor shall ensure that contribution on account of ESI is deposited by due date of month and he will be required to furnish photocopy of ESI challan every month by 21st of the month following the month to which it relates. For this purpose, every month the Contractor shall submit to RFCL a copy of wages sheet as a proof of wages paid to the staff, treasury challan regarding depositing of ESI amount etc. for perusal of officer in charge and will also submit

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quarterly/periodically statements of ESI etc. as required under various labour laws in respect of staff engaged in execution of jobs. He will also submit half yearly return of ESI.

c) Insurance Cover for Workmen:

All workers whose salary is more than Rs 21,000/- per month need not to be covered by ESI. However, contractor to take insurance policy to cover the risk towards temporary disablement and permanent disablement for the workmen.

The contractor shall obtain adequate Insurance Policy in respect of his workmen to be engaged for the work compulsorily towards compensations as admissible under the Workmen's Compensation Act 1923, and Rules framed there under upon death/disablement of a worker. Photocopy of this Insurance policy is required to be submitted by the Contractor to RFCL immediately after the issue of LOA but before the start of the work. Payment against the work done will not be released to the Contractor until and unless photocopy of the Insurance policy is submitted to the RFCL.

CONTRACTOR shall at his cost and expense take out insurance policy from a suitable insurance company acceptable to owner and maintain for the entire period until ACCEPTANCE OF WORKS or until such time thereafter as the CONTRACTOR may consider appropriate the following insurances.

- i. **Workmen's Compensation Insurance (WCI):** This insurance shall confirm to and satisfy all the requirements of the applicable laws and regulations of the country, state territory or province having jurisdiction over the CONTRACTOR's employees engaged in the WORKS.
- ii. **Employer's Liability Insurance (ELI):** The insurance shall cover the liability of the CONTRACTOR as employer for compensation beyond the coverage of the Workmen's Compensation Insurance for bodily injury to or loss of life the CONTRACTOR's employees while engaged in the WORKS.
- iii. **Third Party Liability Insurance (TPL):** This insurance shall cover legal liability for bodily injury to loss of life of and/or damage to and loss of properties of the third person party arising out of the performance by the CONTRACTOR of the works.
- iv. **Automobile Liability Insurance (ALI):** This insurance shall cover all the CONTRACTOR's liabilities in connection with use by the CONTRACTOR for the WORKS of any mobile equipment and automobile and when used which are owned, non-owned hired and otherwise placed under the CONTRACTOR's administration and control, or bodily injury to loss of life of and/or property damage of any person or party.
- v. **Other Insurance:** Other insurance which shall be necessary or which the CONTRACTOR deems necessary for proper performance of the WORKS

Inclusion of such insurance requirements in such contracts as aforementioned however, shall not release the CONTRACTOR from any of his responsibilities and liabilities under the CONTRACT.

1.13.0 Wages shall be paid by the Contractor to the workman directly into their bank accounts through Electronic Fund Transfer without the intervention of any Jamadars or The kedars and contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by Jamadars from the wages of workman.

1.14.0 The Contractor may employ such employees/ labours as he may think fit and the employees so employed shall be employees of Contractor for all purposes whatsoever and shall not be deemed to be in the employment of RFCL for any purpose whatsoever. The Contractor shall abide by all rules, laws and regulations that may be in force from time to time regarding the employment or conditions

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of service of the employees. If under any circumstances whatsoever, RFCL is held responsible in any manner whatsoever for the default or omission on the part of the Contractor in abiding by the aforesaid rules, regulations and laws or held liable or responsible to the employees of the Contractor in respect of any matter whatsoever and called upon to make payments on that account, RFCL shall be reimbursed by the Contractor for the same as also any other expenses costs and charges incurred by RFCL in any proceeding or litigation arising out of any claim, demand or act on the part of the employees of the Contractor, RFCL shall be entitled to claim, demand or compensation from the Contractor in that event. RFCL shall also be entitled to recover the aforesaid amount from the Contractor from any amounts that may become due and payable to Contractor.

1.15.0 In case of any difference of any of the terms and conditions either in the meaning or understanding or contradictory terms or conditions at different places/portions in this document, the stricter terms favoring RFCL will apply. Interested tenderer after studying the tender documents carefully, may obtain necessary clarifications, if any in writing before tendering, submitting of tender implies that the Tenderer has obtained all the clarifications required. No claim on ground for want of knowledge in any respect will be entertained. No claim for extra charge consequent upon any misunderstanding or otherwise will be allowed.

1.16.0 The Contractor shall be liable to RFCL for any omission or commission on his part or on the part of his employees thereby causing any loss, damage or inconvenience to RFCL.

1.17.0 The Contractor shall make his own arrangement for removal of old as well as unused material, including packing materials and empty cases free of cost from work site to the place indicated by the Engineer-in-charge after completion of work and nothing extra will be paid.

1.18.0 The decision of Engineer-in-charge in regard to all matters relating to the Tender and for determine the category of work with reference to material of an item not mentioned in scope of work shall be final.

1.19.0 If the Contractor gives an undertaking (along with Technical bid) citing that the PF Code will be obtained before start of work and failure to do so, then RFCL shall have the right to terminate the Contract without any compensation or payment.

1.20.0 Quantum of Job:

The estimated quantity and value of work has been given on the basis of technical assessment and indicates the approximate quantities. The Contractor shall have to execute any or all the jobs depending upon the requirement of the RFCL. However, RFCL will not give any guarantee for minimum billing or minimum quantum of work to be executed against the contract. The rates shall remain firm for the increased or decreased quantities. Payment shall be made on the basis of actual quantities executed.

1.21.0 **Rights of Owner (RFCL):** If the Contractor is unable to execute the work and any loss is incurred by the Contractor in this respect, it will be to the Contractor's account. The Company may also terminate the contract after giving 15 (Fifteen) days' notice, if in its opinion, the work under the contract is not being done to its satisfaction.

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A unilateral stoppage of work by the Contractor shall be considered a breach of the CONTRACT and the OWNER reserves its right to take necessary and suitable action as it may deem fit, to adequately protect his/its interest at the risk and cost of the contractor. Any aforesaid action shall be without prejudice to any other action rights and remedies etc. that may also be available

In the above events, RFCL shall have right to get the job done by any other agency/ own resources at the risk and cost of the Contractor till the expiry of period of the contract and recover the cost plus 25% to the Contractor.

1.22.0 Validity and Extension of Contract:

- a. **Validity of Contract:** The contract shall remain valid for a period as specified in NIT reckoned from the date of its award. The job can, therefore, be got done any time during the tenure of the contract. In such case, normally, a notice of 7 days would be given for starting the job but the Contractor should be able to mobilize within 24 hours, if the necessity so arises.
- b. **Extension of Contract:** The extension of contract can be given on the same rates, terms & conditions for a period of three months as per mutual consent. Further extension may be given only in exceptional circumstances based on justification and merit of the case.

1.23.0 FORCE MAJEURE:

The terms and conditions agreed upon under the contract shall be subject to Force Majeure. Neither the Contractor nor RFCL shall be considered in default in the performance of their obligation contained therein, if such performance is prevented or delayed or restricted or interfered with by reason of War, Hostilities, Revolutions, Civil Commotion, Strike, Epidemics, Accidents, Fires Flood, Earthquake, regulation or ordinance or requirement of any Government or any sub-division thereof, or authority or representative of any such Govt. and/or due to technical snag/reasons or any other Act whatsoever, whether similar or dissimilar to those enumerated beyond the reasonable control of the parties/bidders hereto 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 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 the utmost diligence whenever such causes are removed. Should one or both parties be prevented from fulfilling their contractual obligations by a state of Force Majeure lasting continuously for a period of one week, the two parties to the contract shall meet and decide about the future course of action for implementation of the contract.

1.24.0 Deleted.

1.25.0 RFCL shall have power to make any alteration in, omission from, addition to, or substitutions for original Specifications and instructions which may be considered necessary, during the progress of work and Contractor shall have to carry out the work in accordance with any instruction which may be given to him in writing duly signed by Engineer-in-charge. Such alteration, omission, additions, substitutions, shall not invalidate the contract and any altered, additional or substituted work which the Contractor may be directed to do in the manner above specified as a part of the work, shall be carried out by the Contractor on the same condition in all respects on which he has agreed to do the main work.

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1.26.0 If the rate for the additional altered or substituted work are specified in the contract for the work, the Contractor is bound to carry out the additional, altered or substituted work at the same rate as per specifications in the rate contract for that work.

- a) In the event the extra or substituted items of the work does not fall in category as above, the cost will be calculated on the basis of actual labour and consumable materials utilized for the job. The quoted rates will be inclusive of overhead and profit. The quantum of labour and consumable material used will be assessed by the Engineer-in-charge, whose decision in this respect will be final and binding upon the Contractor. The Contractor will be required to obtain prior approval of RFCL for rates payable to him for such extra items.
- b) In case, the Contractor fails to do the extra and/or substituted work. RFCL will have the option to get the work done through another agency at the Contractors' risk and cost as per clause no. 1.21.0 of General Terms and Conditions.

1.27.0 Security Deposit:

- a. The Security Deposit together with EMD/Initial Security Deposit shall be 05% of the contract value.
- b. In case of work awarded, Initial Security Deposit (ISD) shall be 2.5 % of the Contract Value which is required to be deposited within 15 days of the issue of the letter of acceptance by the successful tenderer. EMD can be adjusted against Initial Security Deposit. The balance amount of Security Deposit (S.D.) @ 2.5% of the bill value shall be deducted from each Running Bill of the Contractor so as to make the total recovery of Security Deposit @ 05% of the Contract / Work Order Value.
- c. Alternatively, Successful bidder can furnish Performance Bank Guarantee (PBG)/ Bank Guarantee (BG), in lieu of ISD & SD, from any Nationalized / Scheduled Bank except Rural and Co-operative bank equivalent to the 05% of the contract value valid up to the expiry of Defect Liability period + three months claim period within 10 days of the issue of the letter of acceptance (As per proforma attached at Annexure XVI).
- d. In case work is split between two or more parties, SD shall be submitted based on the value of split order.
- e. No interest shall be paid on security deposit. EMD shall be considered as part of SD.
- f. RFCL is entitled without being bound to do so, to adjust the whole or any portion of the security deposit towards the recovery of any amount due to RFCL from the successful tenderer/Contractor.
- g. Security deposit or such portion thereof that has not been adjusted towards recovery of amount due from the successful tenderer/Contractor shall be returned to contractor after obtaining 'No objection certification' from executive department after expiry of 'Defect Liability Period' on demand within 30 days.
- h. If the Contractor submits security deposit in the form of Bank Guarantee (BG) as above, EMD shall be refunded along with first RA Bill payment.
- i. Security deposit shall be forfeited in case the vendor fails to execute the order.

1.28.0 Period of liability (Defect Liability Period) :

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The Contractor shall guarantee for the work done for a period of 3 months from the date of issue of Completion Certificate. Any damage or defect may arise or lie undiscovered at the time of completion certificate, in the workmanship shall be rectified or replaced by the Contractor to the satisfaction of RFCL. In default, the Engineer-in-charge may cause the same to be made good by other Contractor and deduct expenses (of which the certificate of Engineer-in-charge shall be final) from any sums that may be there or at any time thereafter become due to the Contractor from his Security Deposit.

1.29.0 PROCEDURE FOR MEASUREMENT/BILLING OF WORKS IN PROGRESS:

a. Measurement and Billing:

All measurement shall be in Metric System. All the works shall be measured jointly by Representatives of Engineer In charge and. Contractor. Contractor shall prepare measurements on prescribed proforma and get it verified from Sectional Heads and Area In charges of the Executive Department at RFCL before raising the bill.

The Contractor will submit a bill in approved proforma in triplicate to the Engineer In-Charge of the work giving abstract and detailed measurements for the various items executed during a month before expiry of the 1st week of the succeeding month along with the copy of the following documents and all other documents to comply with the statutory requirement.

- i. Self-attested copy of the challan and ECR with respect to PF deposit relating to previous month.
- ii. Self-attested copy of ESI challan relating to previous month and its payment receipt.
- iii. Self-attested copy of the wage sheet.
- iv. Self-attested copy of the proof for transfer of salary to the workers bank account through online transfer (EFT only).
- v. Self-attested copy of GST Deposit relating to previous month.
- vi. Any other document if required as per NIT.

b. Running Account Payments:

All running account payments shall be considered as advance payment against the final bill payment and not as payments for work actually done.

c. Completion Certificate/Final Bill:

The Engineer In-charge shall normally issue to the Contractor the completion certificate within one month after receiving an application thereof from the Contractor after verifying from the completion documents and satisfying himself that the work has been completed in all respects in accordance with the instructions, specifications of contract documents. The Contractor after obtaining the completion certificate is eligible to present the final bill for the work executed by him. The final bill shall be prepared in the prescribed proforma with reference to the total work covered by the contract. Such bill to be drawn up applying the applicable rates specified in the schedule of rates to the relative measured quantities. The final bill shall also include all additional claims of the Contractor and considered as conclusive.

The final bill, complete in all respects, shall be submitted by the Contractor within 30 days of the completion of work. No further claim shall be allowed by RFCL after Final bill. The following documents shall be submitted to comply with statutory requirements apart from the documents to be submitted with the RA bills:

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- i. Undertaking against the compliance of the labour laws in the prescribed format
- ii. No claim certificate in the format approved by RFCL
- iii. Copy of the Form 19 (or) Form 13 of employees send to PF office if required.
- iv. Material reconciliation statement for all materials issued by RFCL to the contractor whether on free-issue basis or chargeable basis if any.
- v. No dues certification for facilities provided by RFCL to the contractor.
- vi. Certificate of clearing of temporary establishments of the contractor at site.
- vii. Indemnity certificate towards all Labour payments and statutory payments, indemnifying RFCL/Consultant in this regard.

In case final bill is not submitted within 30 days, as specified above, the Engineer-in-Charge shall be at liberty to carry out their own measurement/recording of work done and may make payment or recover balances based on such measurement/recording which shall be binding on the contractor.

d. Final Certificate:

Within 15 days of Contractor's application made after the expiry of the period of defect liability provided in clause 1.28.D here of satisfaction of all liabilities of the Contractor in respect there of the Engineer In-charge that the Contractor has performed the obligations in respect of the defect liability period and until issue of such final certificate, the contractor shall be deemed not to have performed such liabilities, notwithstanding issue of completion certificate or payment of the final bill by RFCL.

1.30.0 Terms of Payment:

a. Payment of monthly running account bill complete in all respect shall be made after making necessary recoveries as per contract within 30 days of receipt of bill. Payment of final bill shall be released within 60 days after receipt of bill completed in all respect. Payment of 10 % security deposit/deducted shall be released after completion of defect liability period on demand within 30 days.

b. All payments shall be made to Contractor through Electronic Funds Transfer (NEFT/RTGS Process) as per information furnished by the Contractor in prescribed e-banking mandate form. Any change in the particulars shall be immediately informed to RFCL.

c. Escalation in Rates:

- i. The escalation/de-escalation in wages, if any, will be reimbursed for the component for the statutory part of the payment like, minimum wages (Basic+VDA), PF, ESI, Bonus, Leave Payment etc., however no escalation/de-escalation will be paid on the contract profit margin.
- ii. Escalation/de-escalation is applicable only in the case of Complete/Pure Manpower supply contracts. For all other contracts, prices/rates quoted shall remain firm and fixed till the completion of work/Final certificate as per tender and shall not be subject to escalation. However, if any Contract labour component identifiable in the Contract, RFCL may pay the differential Minimum wages only to the extent of labour component if claimed by the

Contractor, in case Minimum Wages are increased subject to submission of supporting documentary evidence.

- iii. The escalation/de-escalation in wages, if any will be reimbursed as per following:
Formula= Billed amount *Wt. avg. factor*(% of labour component)

Note: Billed amount is an amount excluding GST and Contractors Profit Margin

For example- Calculation of increase in Minimum Wages Impact as given below:

S.No.	Category	Old Rate (Rs./day)	New rate(Rs./d ay)	Difference (Rs./day)	Proportion factor (Rs.)	Manpower deployed (No's)	Wt.avg difference (Rs./day)
1	A	B	C	D=C-B	E=D/B	F	G=E*F
2	Skilled	*522	*527	5	0.0096	5	0.0479
3	Semi- skilled	*433	*437	4	0.0092	2	0.0185
4	Un-skilled	*370	*373	3	0.0081	11	0.0892
5			Total		0.0269	18	0.1556
	Wt.avg factor (G5/F5)						0.0086

* The above figures mentioned at **B & C** are indicative and actual figures may change depending upon the minimum wage notifications from GOI/Telangana State Govt. whichever is higher (Minimum of wages of either Telangana state govt or GOI whichever is higher shall be considered at the time of Price bid opening or as referred in the NIT and the same shall be continued till the currency of the Contract)

d. Tax Liability:

- The rates to be quoted by the bidder should be inclusive of all duties, taxes, levies, entry tax etc. but excluding GST. The GST will be reimbursed to the contractor against Tax invoice subject to submission of documentary evidence.
- No variation on account of taxes and duties, statutory or otherwise, shall be payable by RFCL to Contractor/Vendor except for GST. However, any statutory variation for GST shall be payable up to date of completion against documentary evidence except for period for which is completion is delayed due to delay by Contractor. Any reduction/deletion in Taxes / duties / cess / levies / fees shall be passed on to RFCL.
- Addition of new taxes imposed by the State Governments/Central Government after submission of tender documents and during contractual period shall be to RFCL's account.
- Statutory deductions on account of any law for time being in force shall be made at the rates applicable at the time of release of payment to the bidder.

e. Raising of Invoice/Bill:

Contractor shall issue the tax invoice in accordance with GST Law within stipulated time i.e. 30 days of rendering the service.

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If Contractor is a registered taxable person, a tax invoice is issued based on the rules regarding details required in a tax invoice, following are the mandatory fields in an invoice.

- i. Invoice number and date
- ii. Customer name
- iii. Shipping and billing address
- iv. Customer and taxpayer GSTIN
- v. Place of supply
- vi. HSN code/ Accounting code of services
- vii. Taxable value and discounts
- viii. Rate and amount of Taxes i.e. CGST/SGST/IGST
- ix. Item details i.e. description, unit price, quantity

In the event that the Contractor fails to provide the invoice in the form and manner prescribed under GST act, RFCL shall not be liable to make any payment against such invoices.

f. Debit notes and credit notes:

All revisions, rectifications, modification, settlement of taxable value or tax charged may have to be carried out through debit notes and credit notes as early as possible. Further, Credit note shall be issued not later than September month following the end of the financial year in which supply was made or date of filing of the relevant annual return, whichever is earlier. If Contractor fails to issue debit/ credit note as the case may be RFCL may withhold the payment till rectification of such differences.

g. Uploading of Taxable Invoices:

Uploading of taxable invoice and credit/ debit notes shall be done by the Contractor strictly within the period prescribed in GST act. In the event that the input tax credit of GST charged by Contractor is denied by the tax authorities to RFCL for the reason whatsoever, then RFCL shall be entitled to recover such amount from the Contractor by way of adjustment from the next invoice / security deposit. RFCL shall also be entitled to recover interest and penalty, in case it is imposed by the tax authorities on RFCL.

h. Income Tax Permanent Account Number (I-Tax PAN): The Tenderer shall mention the Permanent Account Number allotted by the Income Tax Authorities in his Tender.

1.31.0 Preservation of Free Issue Material:

All materials issued to the Contractor by RFCL shall be preserved against deterioration and storage while under Contractor's custody. Any damage / losses suffered on account of non-compliance with the requirement stipulated herein shall be considered as losses suffered due to wilful negligence on the part of the Contractor and he shall be liable to compensate RFCL for the losses suffered at penal rates to be determined by the Engineer In-Charge with reference to the rates charged for the purpose of recovery and shall be final and binding on the Contractor.

1.32.0 Scrap Allowance (For Free Issue Material only):

Contractor will plan the work in such a way that the wastage to be minimum Following scrap allowance will be allowed. Beyond the allowance, the wastage will be chargeable to the contractor on RFCL rate +25% + All Taxes will be charged extra.:

S No	PARTICULARS	SALVAGEABLE
A	STRUCTURE	2.5 %
B	PIPE	3.0 %

1.33.0 Issue of material from RFCL:

Any issue of materials from RFCL stores not covered in RFCL obligation will be issued and charged on RFCL issue rate +25% + All Taxes will be charged extra. The issue of such material will be sole discretion of RFCL.

1.34.0 Issue of Gas Cylinder:

Contractor has to make his arrangement for Oxygen and Acetylene Gas. However, the Oxygen and Acetylene gas can be issued on chargeable basis in exigencies subject to the availability constituting following components.

- a) Invoice price of gas.
- b) Rent for each Cylinder per day.
- c) Department charges.
- d) Cost of collection and return of empty Cylinder.

1.35.0 Material Transportation:

The Contractor shall make his own arrangement for Transportation of the material from stores to site of work and to the place of erection etc. at his own cost for making temporary stores/work sites, RFCL may indicate an area at its own discretion for putting up of a temporary hut/shed.

1.36.0 Price Reduction Schedule:

It shall be obligation on the Contractor to adhere strictly to the time schedule as stipulated in Letter of Acceptance/Work order. In the event of work is not completed according to the time schedule, then, unless such failure is due to Force Majeure as defined in Clause 1.23.0 here above or due to RFCL's defaults, then the total contract price shall be reduced by 1 % (One Percent) of the total value of work for every day of delay or part thereof, subject to a ceiling of 10 % of the total value of work, by way of reduction in price for delay and not as penalty. The invoice raised shall take into account the above price reduction, if applicable and payment shall be released for reduced value only. If the Contractor does not raise invoice for reduced value, then the Contractor shall issue a credit note equivalent to the price reduction amount." The decision of Engineer-in-Charge with regard to applicability of Price Reduction Schedule shall be final and binding on the Contractor.

1.37.0 Engineer-In-Charge:

The Engineer-In-Charge shall have general supervision and direction of the work. He has authority to stop the work whenever such a stoppage may be necessary to ensure the proper execution of the contract. He shall also have authority to reject all work, direct the application of forces to any portion of the work as, in his judgment, is required and order force increased or diminished and to decide disputes which arise in the execution of the work. The Officer-In-Charge reserves the right to suspend the work or the part thereof at any time and no claim whatsoever on this account will be entertained. In case of any dispute the Contractor may appeal to the Officer-In-Charge whose decision shall be final and binding.

1.38.0 Jurisdiction:

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For any disputes regarding this contract, the exclusive Jurisdiction shall lie in courts situated at Peddapalli (Telangana state) generally where the contract is being executed, and jurisdiction of all other courts is explicitly excluded. This Contract shall be interpreted and governed as per the laws of India/Telangana state.

1.39.0 Conciliation & Arbitration:

Except where otherwise provided in the contract all matters, question, disputes or difference (Dispute/s) whatsoever, which shall at any time arise between/among the parties hereto, touching the construction, meaning, operation or effect of the contract, or out of the matters relating to the contract or breach thereof, or the respective rights or liabilities of the parties, whether during or after completion of works or whether before or after termination shall after written notice by either party to the contract shall be resolved/settled amicably through negotiation by the parties. For the same, one party shall issue dispute notice in this regard, to the other party. If the said dispute/s could not be settled amicably within 45 days from the date of receipt of dispute notice by other party, then party/ies may refer the said disputes/s for adjudication through Arbitration, as prescribed hereinafter.

On failure of amicable resolution/settlement as above, the dispute/s shall be referred/adjudicated through Arbitration under/in accordance with "Arbitration Centre (Domestic and International), High Court of Judicature at Hyderabad for the state of Telangana and State of Andhra Pradesh Rules, 2015" as amended or modified or re-enacted from time to time. Where the said rules are silent or in conflicts with Indian Laws, same shall be governed by Arbitration & Conciliation Act, 1996, as amended or modified or re-enacted, from time to time.

The number of Arbitrator shall be three (3) in case of matter involving total amount of claims (without considering claim of interest) more than Rs. 3 Crore, otherwise number of Arbitrator shall be one (1) i.e (Sole) Arbitrator. The language of Arbitration shall be English. The Governing Law shall be Laws of India and dispute/s shall be adjudicated as per Indian Laws.

For the convenience of parties, the venue of Arbitration shall be as per above rules i.e Arbitration Centre, Hyderabad. However, The Seat of the Arbitration shall be Ramagundam, Peddapalli District, State of Telangana. The courts at Ramagundam Peddapalli District, State of Telangana shall have exclusive Jurisdiction.

It is also agreed by and between the parties that incase a reference is made to the Sole Arbitrator/Arbitral Tribunal for the purpose of resolving the dispute/s arising out of the contract by and between the parties hereto, the Arbitrator or the Arbitral Tribunal shall not award interest on the awarded amount more than the SBI MCLR Rate applicable to RFCL on the date of award of contract".

1.40.0 Contractor to Remove Unsuitable Employees:

The Contractor shall, on instruction of the Engineer-In-Charge, immediately remove from the work any person employed thereon who misbehaves or causes any nuisance or otherwise in the opinion of the Engineer-In-Charge is not a fit person to be retained on the work and such person shall not be again employed or allowed on the works without the prior written permission of the Engineer - In-Charge.

1.41.0 Safety Regulations:

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The Contractor shall observe and abide by all fire and Safety regulations of the RFCL. Before starting maintenance work, the Contractor shall consult RFCL's Safety Officer or the Engineer-in-charge. If the Safety Engineer is not available, he will do familiarize him with such regulations, copies of which will be furnished to him by RFCL, when requested. He shall be responsible for and must make good to the satisfaction of the RFCL any loss or damage due to fire to any portion of the work to be done under this agreement or to any of the RFCL's existing property. All the accidents to Contractor's staff will be reported to the Safety Officer promptly. This will, however, not relieve the Contractor of any other statutory obligations.

The Contractor shall not undertake any hot job without safety work permit. He has to maintain First Aid Box in his office. Also, necessary safety equipment like Helmets, Hand Gloves, Face Shield, Safety Belt etc. are to be provided to his workmen by the contractor. However, special Safety equipment required as per the job requirement will be provided by RFCL free of cost.

For any default / accident / loss due to negligence of Contractor/ workers, the liability of Contractor shall be "Absolute liability".

However, Personal Protective Equipment's shall be provided to the Contractor's workmen by RFCL, on chargeable and permanent (non-returnable) basis. The cost of the item plus 25 % overhead charges shall be recovered from the Contractor.

1.42.0 Contractor to Execute Agreement:

The Contractor's responsibility under this Contract will commence from the date of issue of the LOA / DLOA. The Tender Documents, Other Documents exchanged between the Tenderer and RFCL, the Letter of Acceptance, DLOA and Work Order shall constitute the Contract. The successful Tenderer shall have to execute an Agreement with Ramagundam Fertilizers and Chemicals Limited, on a non-judicial stamp paper as notified by Telangana state (Presently Rs.200.00) purchased from Ramagundam/State of Telangana, within 10 (Ten) days of date of issue of LOA/DLOA OR Start of Work whichever is earlier. The cost of stamp paper shall be borne by the Contractor.

The agreement shall remain valid for the initial period of WO and all extensions. No separate agreement for extension period shall be required.

The Agreement to be executed shall be in the Proforma which is specified by RFCL in NIT (Annexure-XX).

1.43.0 Bidder to Acquaint Himself Fully:

The Bidder may visit the site and shall acquaint himself fully and thoroughly with the conditions and limitations including scope, requirements and official/statutory regulations, under which, conforming to which and subject to which, services/work are to be performed by him. Failure to comply with the aforesaid requirements will not relieve the BIDDER of his obligations in the event of his tender being accepted nor any claim whatsoever will be entertained on the plea of ignorance or overlooking.

The Bidder shall give an undertaking that the terms and conditions of NIT and other aforesaid conditions are acceptable to him without reservations and no deviations to NIT have been taken while making the offer.

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Unless otherwise specifically stated in his bid, it will be assumed that all terms and conditions of NIT are accepted by the bidder without any reservations whatsoever.

1.44.0 Payment for Preparation of Bid Document:

The Bidder shall not be entitled to claim any cost, charges, expenses, losses incidental to the preparation and submission of this tender in any case.

1.45.0 Termination of Contract and its Consequences:

1.45.1 Termination of Contract

Notwithstanding anything elsewhere herein provided and in addition to any other right or remedy of RFCL under the Contract or otherwise including right of RFCL for compensation for delay, the Engineer-in-charge/officer-in-charge may, without prejudice to his right against Contractor in respect of any delay, bad workmanship or otherwise or to any claims for damage in respect of any breaches of the Contract and without prejudice to any rights or remedies under any of the provisions of this Contract or otherwise and whether the date for completion has or has not elapsed by intimation in writing, absolutely determine the Contract:

Default or failure by Contractor of any of his obligations under the Contract including but not limited to the following, the Contract is liable to be terminated if the Contractor

- a. Becomes bankrupt or insolvent or goes into liquidation or is ordered to be wound up or has a receiver appointed on its assets or execution or distress is levied upon all or substantially all of its assets or any insolvency proceedings have been initiated under Insolvency Bankruptcy Code, 2016, Or
 - b. Abandons the work, Or Persistently disregards the instructions of the RFCL/ Engineer in Charge in contravention of any provision of the CONTRACT, Or
 - c. persistently fails to adhere to the agreed program of work.
- Or
- d. Sublets the work in whole or in part thereof without RFCL's consent in writing assigns, transfers or sublets or attempts to do so, Or
 - e. Performance is not satisfactory or work is abnormally delayed, Or
 - f. Defaults in the performance of any material undertaking under this CONTRACT and fails to correct such default to the reasonable satisfaction of RFCL within fifteen days after written notice of such default is provided to the Contractor.
 - g. Failure to pay minimum wages to the employees/workmen of the Contractor and related statutory payments to the concerned authorities for consecutive period of Three months, or
 - h. In the event of theft/untoward incident happened due to act of Contractor and/or its employees, or
 - i. Ring tender/Cartel formation/Non-bonafide method, or

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- j. RFCL may terminate the Contract due to any reason including reasons due to force majeure, regulations or ordinance of any Government or any other reasons beyond the reasonable control of the RFCL.
- k. Failure to submit the PF code before start of Work and labour license, if applicable, along with first RA bill.

Such termination will be by 15 (fifteen) days' notice in writing and no claim/compensation shall be payable by the RFCL as a result of such termination (except clause 1.45.1 (k)), excepting the fees and costs for the meaningful services rendered by the Contractor and acceptable to RFCL, up to the date of termination. In case of termination of this contract on its expiry or otherwise, the staff deployed by the Contractor will have no claim for any employment in the regular / or any other capacity in RFCL.

1.45.2 Consequences of Termination:

If the contract is terminated by RFCL for the reason detailed under clause above or for any other reason whatsoever:

- a. RFCL reserves the right to get the work completed at the risk and cost of the Contractor and to recover from the Contractor any amount (plus 25%) by which the cost of completing the work by any other agency exceeds the value of the contract, without prejudice to any other remedies/rights/claims etc. that may be available with RFCL.
- b. Security Deposit/Performance Bank Guarantee Bond submitted by the Contractor shall stand forfeited.
- c. The Contractor shall have no right to claim any compensation for any loss sustained by him by reason of his having entered into any commitment or made any advances on account of or with a view to the execution of the works, or on account of expected profits.
- d. All the dues payable to the Contractor for the work executed by him before and up to termination shall only be released after making adjustments for the expenses, charges, damages and expected losses etc. incurred by RFCL as a consequence of the termination of the contract.

1.46.0 Deleted

1.47.0 TIME EXTENSION:

If the Contractor requires any extension of time for completing the Work under the CONTRACT, he must apply to RFCL within seven days from the date of the occurrence of the event on account of which he desires such extensions and RFCL may, if he thinks such request reasonable, grant such extension of time as he may think necessary.

- 1.48.0 **Continued Performance:** The Contractor shall not stop work in case of any dispute pending before arbitrator/court/Tribunal in relation to the contract or otherwise unless further progress of works has been rendered impossible due to non-fulfillment of any reciprocal promise. Unilateral stoppage of work by the Contractor shall be considered a breach of CONTRACT and the RFCL shall be within

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its rights to take suitable and necessary action as it may deem fit to adequately protect its own interests.

- 1.49.0 The Contractor shall comply with the provisions of Factories Act, 1948 & Contract Labour (Regulation & Abolition) Act 1970 and rules framed there under & amended from time to time.
- 1.50.0 The Contractor shall abide by all the Acts / Labour Laws related to PF, Wages, Holidays, Leaves, Bonus and Overtime etc. The Contractor is required to comply with all statutory provisions, from time to time, during the tenure of the contract.
- 1.51.0 The Contractor shall ensure that the payment of the minimum wages to the laborers through EFT, specified by the government (State Government or Central Govt. whichever is higher) from time to time, has been made in accordance with the Minimum Wages Act. If at any time, it is noticed or it comes to the knowledge that the payment, to the laborer's employed by the Contractor, is not made in accordance with the Minimum Wages Act, RFCL shall reserve the right to take remedial action to regulate the payments.

In case contractor fails to provide the requisite documents pertaining to statutory payments of contract workers along with the bill, an amount equivalent to 40% of the billed amount pertaining to labour wages may be withheld to take care of fulfillment of statutory requirements such as PF, ESI, Bonus, leave payment etc. by the contractor. Further, the Contractor has to make the payment to his workmen on or before 7th day of the following month directly into their bank accounts. In case Contractor fail to do so, RFCL being the Principal Employer will disburse the payment to Contractor's workmen employed for this work and deduct the amount so paid from his bill. For this, RFCL will recover additional 25% of the total wage bill of the labour, as departmental/administrative charges.

- 1.52.0 **Loss to Owner (RFCL) during execution of Contract:** It is understood by the Contractor that in the event of any losses/damages caused to the owner (RFCL) due to the reasons whatsoever within his control and the same losses/damages are approved, the Contractor has to make good all the consequential damages/losses to the Owner without any protest and demur. The damages/losses shall be apart from other claims/damages to which the Owner is entitled under the contract or in the course of Law. Except with the written consent from RFCL, the Contractor shall not disclose the contract or any provision of the contract to any third party.
- 1.53.0 The Contractor shall ensure that all formalities, permissions, licenses required be complied under the existing laws of India and amendments thereof time to time for and in connection with this contract including engagement / employment of laborers are duly complied with along with maintenance of all records and registers as required under laws. The Contractor shall indemnify and keep indemnified RFCL from and against all actions, claims, demands and liabilities whatsoever under and in respect of the breach of any provisions pertaining to labor laws and/or against any claim, action or demand by any workman/ employee deployed by the Contractor or any third parties, in relation to work under this Contract.

1.54.0 Deleted

1.55.0 INDEMNIFICATION

Signature

The contractor shall have to furnish Indemnity Bond (as per format enclosed as Annexure-XIX) for value of Rs.towards the material being sent for repair (This Clause shall be applicable for repair of materials).

1.56.0 "If a Bidder resorts to any frivolous, malicious or baseless complaints/allegations with an intent to hamper or delay the tendering process or resorts to canvassing/rigging/influencing the tendering process, RFCL reserves the right to debar such Bidder from participation in the present/future Bids up to period of 2 years".

1.57.0 Time Limit for Any Claim:

Incase the Contractor fails to claim compensation, from RFCL on account of any claim under the contract, in writing to the Engineer In-Charge, within a period of one month of cause of action of such a claim arise, the Contractor shall be deemed to have waived of his right to claim the same.

1.58.0 Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall to the extent of such repugnancy, or variations, prevail.

1.59.0 Priority of documents:

Except if and the extent otherwise provided by the Contract, the provisions of the General Conditions of Contract and Special Conditions shall prevail over those of any other documents forming part of the CONTRACT. Several documents forming the CONTRACT are to be taken as mutually explanatory of one another, but in case of ambiguities or discrepancies the same shall be explained and adjusted by the ENGINEER-IN-CHARGE who shall thereupon issue to the Contractor instructions thereon and in such event, unless otherwise provided in the Contract, the priority of the documents forming the Contract shall be as follows:

- a. The Contract Agreement and its Appendices
- b. The Letter of Acceptance/Work Order
- c. Special Terms and Conditions of Contract (STCC);
- d. General Terms and Conditions of Contract (GTCC);
- e. Instruction to Bidder or letter inviting bid
- f. Any other document forming part of the Contract.

1.60.0 Contractor engaging 20 or more workers must obtain valid Labour License for employing no., of persons as Contract Labour and it should mention the location and the maximum no. of contract labours to be employed/ engaged before actual execution of work and copy be forwarded to HR Dept., before actual execution of work. The contractor shall not undertake or execute any work through contract labour except under and in accordance with the license issued on that behalf by the Licensing Officer. The license may be renewed as per the requirement.

1.61.0 PROHIBITION OF CHILD LABOUR:

Engagement of child labour/adolescent is prohibited and any one violating this clause will be black listed and whenever there are violation of the provisions, the Company will resort to legal action as deemed fit. Person below the age of 18 should not be employed

Signature

1.62.0 Corporate Governance Certificate about Compliance of all Labour Laws: Under Companies Act, 2013 (Clause 49), it is mandatory requirement of the Principal Employer to certify that the Contractors are complying with all Labour Laws pertaining to the Payment of Minimum Wage including temporary Contract workers, Contribution deposited Regularly towards ESI & PF, Payment of Statutory Bonus so as to state that the Contractors of the Company are strictly adhering to the rules and regulations and are not violating any applicable Labour Laws. Hence, each Contractor/Agency to give monthly Undertaking with supportive documents stating that they are complying all Laws applicable for all the Contract workers including temporary workers engaged at RFCL site (Proforma attached as Annexure "XXIV"). and which should be counter verify by the Execution Dept. and after certification month wise, it is forwarded to HR Department

1.63.0 Weekly Off/Holiday:

All the Contract Employees must mandatorily be given a weekly day off (full day). All Contract Employee to get at least a three National Holidays (26th January, 15th August and 2nd October) as paid Holidays and also RFCL's Paid Holidays.

Pay during leave and holidays: Every employee shall be paid at a rate equivalent to the daily average of his wages for the days on which he actually worked during the preceding month exclusive of any earning in respect of overtime.



समयानुसार निदेशित कार्य निदेशित कालावधि

Performa for proprietorship Affidavit on the stamp paper of appropriate and**Notary Attested**

I, _____ S/o Sh. _____ resident of _____ do hereby solemnly affirm and declare as under:

1. That on (date of start of business) I the deponent has started business under the name and style of Proprietorship as a sole proprietor and at present M/s is a sole proprietorship firm.
2. That I am the sole proprietor of the firm named as situated at (full address of firm with pin code).
3. That my above declarations are true and correct in case, my above declaration found incorrect, in that event, my bid / tender/contract may be rejected, and NFL shall be fully competent to take-the necessary action as deemed fit.

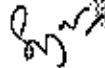
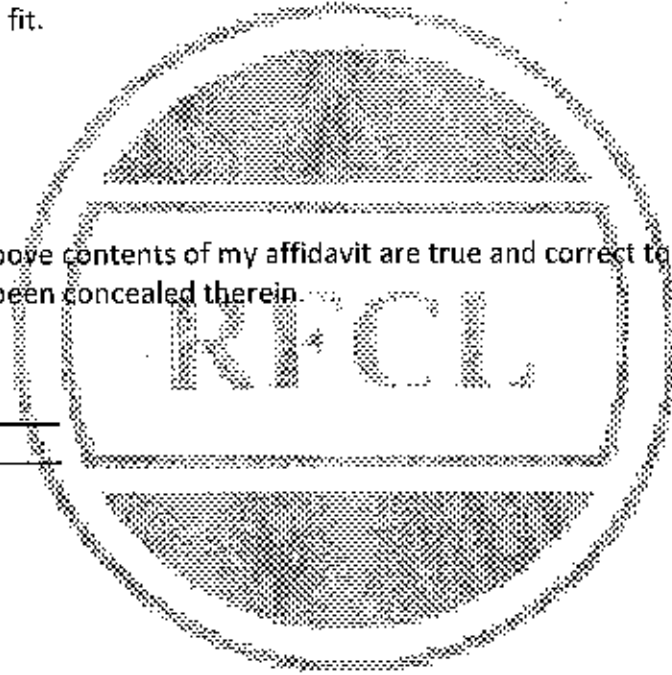
DEPONENT**VERIFICATION**

Verified that the above contents of my affidavit are true and correct to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

Place _____

Date: _____

समयान्त गतिविधिगत एवं वित्तीय विवरण

PROCUREMENT FROM A BIDDER WHICH SHARES A LAND BORDER WITH INDIA

1. Order (Public Procurement No. 1) dated 23.07.2020, Order (Public Procurement No. 2) dated 23.07.2020 and Order (Public Procurement No. 3) dated 24.07.2020, Department of Expenditure, Ministry of Finance, Govt. of India refers. The same are available at website <https://doe.gov.in/procurement-policy-divisions>.

2. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. For details of competent authority refer to Annexure I of Order (Public Procurement No. 1) dated 23.07.2020. Further the above 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. Updated 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, Govt. of India.

3. "Bidder" (including the term 'tenderer', 'consultant', 'vendor' or 'service provider' in certain contexts) for purpose of this provision 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.

4. "Bidder from a country which shares a land border with India" for the purpose of this:

- An entity incorporated, established or registered in such a country; or
- A subsidiary of an entity incorporated, established or registered in such a country; or
- An entity substantially controlled through entities incorporated, established or registered in such a country; or
- An entity whose beneficial owner is situated in such a country; or
- An Indian (or other) agent of such an entity; or
- A natural person who is a citizen of such a country; or
- A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

5. "Beneficial owner" for the purpose of above (4) will be as under:

- 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—

- "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company.
 - "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 shareholders agreements or voting agreements.
- 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.
 - 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.

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.

6. "Agent" for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons.

7. SUBMISSION OF CERTIFICATE IN BIDS:

Bidder shall submit a certificate in this regard as Form-I. If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate rejection of the bid/termination and further action as per— Procedure for Action in case of Corrupt/Fraudulent/ Collusive / Coercive Practices|| of tender document.

8. The registration, wherever applicable, should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.

9. PROVISION 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 Para 4 herein above. A Certificate to this regard is to be submitted by bidder is placed at Form-II.

Signed

संयुक्त प्रशासनिक एवं वित्तीय विभाग

Form-I

UNDERTAKING ON BIDDER LETTER HEAD

To,

AGM(TS)

Ramagundam fertilizers & Chemicals Limited

Fertilizer City, Ramagundam

District: Peddapalli (Telangana)

Pin Code- 505 210

Subject:

Tender No.- RFCL /SITE- Tender/Misc./TS-STP/O&M/2025/01 **Date** 30.06.2025

Name of the contract: Annual Rate Contract for Operation & Maintenance of 2x240 KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township, Ramagundam-2025 for 24 months.

Dear Sir,

We have read the clause regarding Provisions for Procurement from a Bidder which shares a land border with India, we certify that, bidder M/s _____ (Name of Bidder) is :

- (i) Not from such a country [.....]
- (ii) If from such a country, has been registered [.....] with the Competent Authority. (Evidence of valid registration by the Competent Authority shall be attached)

(Bidder is to tick appropriate option (✓ or X) above)

We hereby certify that bidder M/s _____ (Name of Bidder) fulfills all requirements in this regard and is eligible to be considered against the tender.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

Form-II

CERTIFICATE FOR TENDERS FOR WORKS INVOLVING POSSIBILITY OF SUB- CONTRACTING

To,

AGM(TS)
Ramagundam fertilizers & Chemicals Limited
Fertilizer City, Ramagundam
District: Peddapalli (Telangana)
Pin Code- 505 210

Subject:

Tender No.- RFCL /SITE- Tender/Misc./TS-STP/O&M/2025/01 Date:30.06.2025

Name of the contract: Annual Rate Contract for Operation & Maintenance of 2x240 KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township, Ramagundam-2025 for 24 months.

Dear Sir

We have read the clause regarding Provisions for Procurement from a Bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries. we certify that, bidder M/s. _____

(Name of Bidder) is

(i) not from such a country [.....]

(ii) If from such a country, has been registered [.....] with the Competent Authority (Evidence of valid registration by the Competent Authority shall be attached)

(Bidder is to tick appropriate option (✓ or X) above)

We further certify that bidder M/s. _____ - (Name of Bidder) will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that bidder M/s. _____ (Name of Bidder) fulfils all requirements in this regard and is eligible to be considered.

Place:

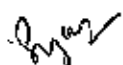
[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation

Seal:



PRE CONTRACT INTEGRITY PACT**General**

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on _____ day of the month of _____ 20____, between, on one hand, the Ramagundam Fertilizers and Chemicals Limited (RFCL) hereinafter referred to as "Buyer".

AND

_____ herein after referred to as "The Bidder/Contractor".

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 (Tender ID: _____ and Tender Description: _____) and the BIDDER/Seller is willing to offer/has offered the stores and / or to undertake the work as per the Tender.

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 Ministry/Department of the Government of India/PSU or its subordinate offices/Organisations.

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 commit 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:

1. 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, 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.

- 1.4 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.

2.Commitments of BIDDERS

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-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

- 1.1. 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.
- 1.2. 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.
- 1.3. BIDDERS shall disclose the name and address of agents and representatives, and Indian BIDDERS shall disclose their foreign principals or associates.
- 1.4. BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
- 1.5. The BIDDER further confirms and declares to the BUYER that the BIDDER is original manufacturer/integrator/authorised government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 1.6. 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.
- 1.7. 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.
- 1.8. The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 1.9. 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.

- 1.10. The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 1.11. The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 1.12. If the BIDDER or any employee of the BIDDER or any person acting on 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 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 2013.

- 1.13. The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.
- 1.14. The Bidder signing this Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.
- 1.15. The Integrity Pact document should be duly signed and uploaded by the Buyer (RFCL) as part of the Tender Documents. The Bidders shall download this IP document, sign it at the designated place and upload the same as part of their submission documents in bids.

In Works contracts, where contract agreement is signed on a non-judicial stamp paper, the IP shall form part of the contract agreement.

In Procurement of Goods and Services (Consultancy/Non-Consultancy), where signing of a contract agreement may not be a requirement, the IP may be obtained on a non-judicial stamp paper from the bidders after opening of the Technical Bids.

3. Previous Transgression

- 3.1 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.
- 3.2 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.

4. Earnest Money (Security Deposit)

- 4.1 While submitting commercial bid, the BIDDER shall deposit an amount _____ (to be specified in Request For Proposal i.e. RFP) as Earnest Money/Security Deposit, with the BUYER through any of the following instruments:

- i. Bank Draft or a Pay Order in favour of _____
- ii. A confirmed guarantee by an Indian Nationalised Bank, promising payment of the guaranteed sum to the BUYER on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment.
- iii. Any other mode or through any other instrument (to be specified in the RFP)

- 4.2 In case of the successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same

Signature

without assigning any reason for imposing sanction for violation of this Pact.

4.3 No interest shall be payable by the BUYER to the BIDDER on Earnest Money/Security Deposit for the period of its currency.

5. Sanctions for Violations

- 5.1. Any breach of the aforesaid provisions by the BIDDER or anyone employed by it or acting on its behalf (whether with or without the knowledge of BIDDER) shall entitle 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 (London Interbank Offered Rate). 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 utilised to recover the aforesaid sum and interest.
 - v. To encash 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 process of the Government of India 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 Bhartiya Nyaya Sanhita 2023 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 External Monitor(s) appointed (details in clause 7.1) for the purposes of this Pact.

6.Fall Clause

- 6.1. The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

7.Independent External Monitors (IEMs)

- 1.16. The BUYER has appointed Independent External Monitors (hereinafter referred to as IEMs) for this Pact in consultation with the Central Vigilance Commission, Details of IEMs are as follows:

- a) Sh. Vishwanath Giriraj, IAS (Retd.)
A Wing, Flat 1001, Landmark Towers, GD Ambedkar
Opp. Wadala Telephone Exchange, Naigaon
Dadar East, Mumbai – 400014; Email: vgiriraj@rediffmail.com
b) Sh. Ranvir Singh, IFS (Retd.)
Email: iem1@rfcl.co.in

- 1.17. 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.
- 1.18. The IEMs shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 1.19. Both the parties accept that the IEMs have the right to access all the documents relating to the project/procurement, including minutes of meetings.
- 1.20. 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.
- 1.21. 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's, 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.
- 1.22. 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 IEMs the option to participate in such meetings.
- 1.23. 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 the occasion arise, submit proposals for correcting problematic situations

8.Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies 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 purpose of such examination.

9.Law & Place of Jurisdiction

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



10. 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.

11. Validity

11.1. The validity of this Integrity Pact shall be from date of its signing and extend up to 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

11.2 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.

2. This Integrity Pact is deemed as part of the Contract/Tender documents and all concerned bidders are bound by its provisions.

(For & on behalf of the Buyer)

(For & on behalf of Bidder/Contractor)

(Office Seal)

(Office Seal)

Place: RAMAGUNDAM

Date: _____

Witness 1 : _____

(Name & Address)

Witness 1 : _____

(Name & Address)

Witness 2 : _____

(Name & Address)

Witness 2 : _____

(Name & Address)

ms/

SECURITY DEPOSIT-CUM-PERFORMANCE BANK GUARANTEE FORMAT
(To be prepared on Stamp paper of Rs.500 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 RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED a Company registered in India under Companies Act, 2013 and having its registered office at **Scope Complex, Core No. III 7, Institutional Area, Lodhi Road New Delhi - 110003 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 RAMAGUNDAM FERTILIZERS AND CHEMICALS 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 the Security cum performance Bank Guarantees hereinafter contained towards fulfillment of all of its obligations under the contract.

NOW THIS DEED WITNESSES AS FOLLOWS:

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. _____

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 fulfil 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.
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 expiry of _____ months from the issuance of Commissioning /erection / completion certificate according to terms of contract 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

Signature

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. This guarantee will not be discharged due to change in constitution of the bank or the Contractors. Also the guarantee will not be discharged due to changes in the constitution or Management of RFCL (Owner)
8. 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 _____ 2025

(Indicate the Name of the Bank with stamp)

BANK GUARANTEE FOR BID SECURITY DEPOSIT / EMD

In consideration of Ramagundam Fertilizers and Chemicals Limited (RFCL), having its registered office at Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110003 India (hereinafter called "RFCL" 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 "RFCL" an amount not exceeding Rs. _____ (Rupees _____ only) against any loss or damage caused to or suffered by 'RFCL' 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 on a demand from 'RFCL' stating that the amount claimed is due by way of loss or damage caused to or would cause to or suffered by 'RFCL' 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. _____ (Rupees only).

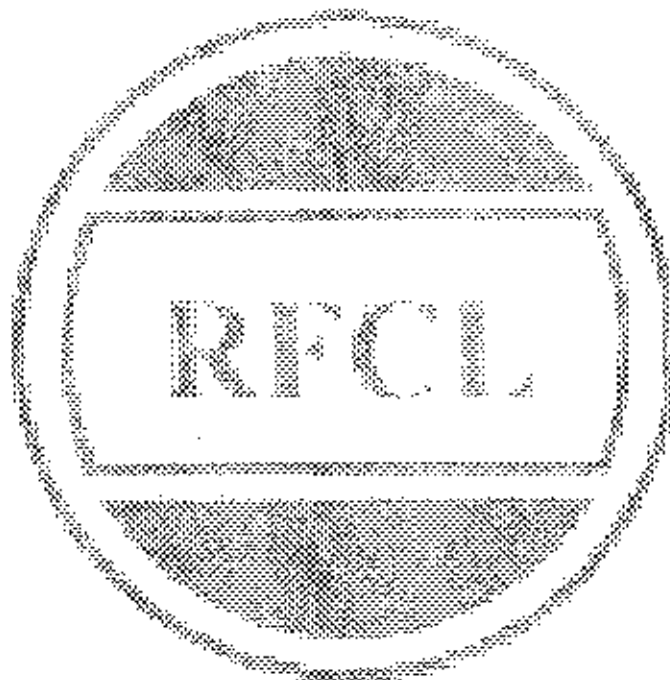
3. We _____ Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the finalization of the said tender and that it shall continue to be enforceable till the said tender is finally decided and order placed on the successful tenderer and/ or till all the dues of "RFCL" 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 RFCL 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. This guarantee will not be discharged due to the change in constitution of the Bank or the Contractor(s). Also the guarantee will not be discharged due to change in the constitution or Management of RFCL.
5. We _____ Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of 'RFCL' in writing.

Dated _____ day of _____ 2025

By



Corporate Seal for Bank



संलग्न अधिसूचना पर आधारित सिद्ध है

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 RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED, a Company registered in India under Companies Act, 1956 and having its registered office at Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110003 India, 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 No.

dated _____ (hereinafter called CONTRACT) entered into between Ramagundam Fertilizers and Chemicals 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 Performance Bank Guarantee for Rs _____ (Rupees _____ only).

CONTRACTOR accordingly agrees to furnish the Performance Bank Guarantee as hereinafter contained towards fulfilment of all of its obligations under the contract.

Now this Deed witness 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. _____ (Rupees only) 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 fulfil 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 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 Performance Bank Guarantee is limited to Rs. _____ (Rupees _____ only).
2. This 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 Performance Bank Guarantee shall become null and void.
3. This Performance Bank Guarantee shall be in addition to and shall not affect or be affected by

Signature

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 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. This guarantee will not be discharged due to the change in constitution of the Bank or the Contractor(s). Also the guarantee will not be discharged due to change in the constitution or Management of RFCL (Owner).
7. The Performance Bank Guarantee is to be returned to the Bank after its expiry in terms of Paragraph 4 above.
8. 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 _____ 2025

[Signature]

(Indicate the name of the Bank with stamp)

Proforma for Indemnity Bond**(To be prepared on Stamp paper of Rs.500)**

This DEED OF INDEMNITY made between M/s.....having its registered office atand place of business at..... (hereinafter called 'The Contractor'), which expression shall include its successor and assigns of the one part and M/s RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED, a company incorporated under the Indian Companies Act, 2013 and having its registered Office at **Scope Complex, core no. III 7, Institutional Area, Lodhi Road New Delhi - 110003** (herein under called 'the Owner') which expression shall include its successors and assigns of the other part WHEREAS the Owner has placed a Work Order No.on the Contractor forand whereas one of the conditions of the said Contract, is that the Owner will supply to the contractor free issue Material for..... As specified in the said Contract for the purpose of and WHEREAS the Owner has agreed to send the said Free Issue Material in the terms of the said Contract upon the terms that the Contractor should enter into covenants hereinafter contained.

NOW THIS DEED WITNESSETH AS FOLLOWS

1. In pursuance of the said agreement and in consideration of the promises the Contractor hereby permits and acknowledges that the Contractor holds and shall always hold the said Free Issue Materials (which will from time to time be sent by the Owner to the Contractor) under the said contract, in trust for to the order of and on account of the Owner.
2. The Contractor hereby assume full responsibilities for the said Free Issue Materials shall keep the said Free Issue Materials free of charge to the Owner in the safe place and in good condition.
3. The Contractor hereby agrees to indemnify and keep the Owner indemnified at all times hereafter against all claims, demands, proceedings, losses, damages, costs charges and expenses which may be or brought against the owner of which the Owner may suffer or incur by reason of any loss or damage to the Contractor or its employees caused by the default or negligence of the Contractor or its employees or agent and/or by reasons of breach by the Contractor or its covenants obtained in clause 1 and/or clause 2 hereof.
4. The Contractor hereby admits that the owner shall have a first lien or charge for any amount due to the Owner from the Contractor hereunder on any amount which may be due from the Owner to the Contractor under the said contract.
5. The said contract shall constitute and form an integral part of these presents provided that nothing herein contained shall affect the right of the Owner under the said contract.
6. The Contractor agrees that the FIM shall be used only for purpose intended by the Owner.
7. NOTWITHSTANDING anything stated herein above, Contractor's liabilities under this Guarantee is restricted to Rs..... (Rs..... only) and it will remain in force till.....unless an action to enforce claim under the guarantee is filed against Contractor before the aforesaid date all Owner's rights under the said guarantee shall be forfeited and Contractor shall be relieved and discharged from all the liabilities thereunder.

Dated: 

FORM OF CONTRACT

(To be prepared on Non-Judicial Stamp paper of Rs.200)

THIS CONTRACT made at RAMAGUNDAM (Telangana) on the ----- day of ----- BETWEEN RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED, registered in India under the Indian Companies Act 2013, having its registered office at **Scope Complex, core no. III 7, Institutional Area, Lodhi Road New Delhi - 110003** (hereinafter referred to as the "Owner" which expression shall include its successors and assigns) of the ONE PART

AND

----- carrying on business in sole proprietor/partnership/company etc. under the name and style of -----, having its office at ----- (hereinafter referred to as the "Contractor" which expression shall include his/their executors, representatives and permitted assigns/ successors) of the OTHER PART.

WHEREAS the owner is desirous of executing certain works more specifically mentioned and described in the Work Order No. ----- Dated ----- for and WHEREAS the contractor has agreed to execute the work as specified in the Tender Documents/ Work Order referred to above.

NOW, THEREFORE, THIS CONTRACT WITNESSETH AS FOLLOWS:

ARTICLE-I

1.1 CONTRACT DOCUMENTS:

The following documents shall constitute the contract documents, namely:

- a) This agreement of contract;
- b) NIT/Tender documents;
- c) Acceptance of Tender;
- d) Letter of Acceptance dated -----;
- e) Work Order dated -----; and
- f) Further amendments, if any.

A copy of each tender document is annexed hereto and the said copies have been collectively marked Annexure-A.

ARTICLE-2

2.1 WORK TO BE PERFORMED

In consideration of the payments to be made to the contractor as hereinafter provided, he shall, with due care, promptness, accuracy execute the work in accordance with the Notice Inviting Tenders, Special Terms & conditions of Contract, Work Order and Letter of Intent.

ARTICLE-3

3.1 COMPLETION PERIOD

The contract work shall be duly completed in all respect and handed over to within stipulated time schedule from the date of issue of Letter of Intent. The time mentioned herein shall be the essence of the contract.

ARTICLE-4

4.1 JURISDICTION

Notwithstanding any other Court or Courts having jurisdiction to decide the question(s) forming subject matter of a suit, any and all actions and proceedings arising out of or relating to the contract (including any arbitration in terms thereof) shall lie only in the court of a competent civil jurisdiction in this behalf at Peddapalli District of Telangana (where this contract has been signed on behalf of the owner) and only the said Court(s) shall have jurisdiction to entertain and try such action(s) and/or proceeding(s) to the exclusion of all other courts.

ARTICLE-5

5.1 ENTIRE CONTRACT

The contract documents mentioned in Article-1 hereof embody the entire contract between the parties. The parties declare that in entering into this contract they do not rely upon any previous representation whether expressed or implied and whether written or oral, or any inducement, understanding or agreement and all prior negotiations, representations, contract and/or agreements and understanding are hereby cancelled.

ARTICLE-6

6.1 NOTICE

Subject to any provisions in the contract documents to the contrary, any notice or order or communications sought to be served by the contractor on the owner with reference to the contract shall be deemed to have been sufficiently served upon the owner (notwithstanding any enabling provisions under any law to the contrary) only if delivered by hand or by Registered acknowledgement due post to the engineer-in-charge as defined in the general conditions of contract.

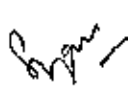
Without prejudice to any other mode of service provided for in the contract documents or otherwise available to the owner any notice, order or other communications sought to be served by the owner on the contractor with reference to the contract, shall be deemed to have been sufficiently served if delivered by hand or through registered acknowledgement due to the principal office of the contractor at his/their address mentioned on page No.1.

ARTICLE-7

7.1 WAIVER

No failure or delay by the owner in enforcing any right or remedy in terms of the contract or any obligations or liability of the contractor in terms thereof shall be deemed to be a waiver of such right, remedy, obligation or liability as the case may be, by the owner and notwithstanding such failure or delay, the owner shall be entitled at any time to enforce such right, remedy, obligations or liability, as the case may be.

ARTICLE-8



8.1 NON-ASSIGNABILITY

The contract and benefits and obligations thereof shall be strictly personal to the contractor and shall not on any account be assignable or transferable by the contractor.

ARTICLE-9

9.1 ARBITRATION

Except where otherwise provided in the contract all matters, questions, disputes or differences (Dispute's) whatsoever, which shall at any time arise between/among the parties hereto, touching the construction, meaning, operation or effect of the contract, or out of the matters relating to the contract or breach thereof, or the respective rights or liabilities of the parties, whether during or after completion of works or whether before or after termination shall after written notice by either party to the contract shall be resolved / settled amicably through negotiation by the parties. For the same, one party shall issue dispute notice in this regard, to the other party. If the said dispute/s could not be settled amicably within 45 days from the date of receipt of dispute notice by other party, then, party/ies may refer the said dispute/s for adjudication through Arbitration, as prescribed hereinafter.

On failure of amicable resolution/settlement as above. The dispute/s shall be referred / adjudicated through Arbitration under / in accordance with "Arbitration Centre (Domestic and International), High Court of Judicature at Hyderabad for the state of Telangana and the State of Andhra Pradesh Rules, 2015" as amended or modified or re-enacted from time to time. Where the said rules are silent or in conflicts with Indian Laws, same shall be governed by Arbitration & Conciliation Act 1996; as amended or modified or re-enacted, from time to time.

The number of Arbitrator shall be three (3) in case of matter involving total amount of claims (without considering claim of interest) more than Rs. 3 Crore, otherwise number of Arbitrator shall be one (1) i.e. (Sole) Arbitrator.

The language of Arbitration shall be English.

The Governing Law Shall be Laws of India and dispute/s shall be adjudicated as per Indian Laws.

For the convenience of parties, the venue of Arbitration shall be as per above rules i.e., Arbitration Centre, Hyderabad, However, the Seat of the Arbitration shall be, Ramagundam, Peddapalli District, State of Telangana. The courts at Ramagundam, Peddapalli District, State of Telangana shall, have exclusive Jurisdiction.

It is also agreed by and between the parties that in case a reference is made to the Sole Arbitrator / Arbitral Tribunal for the purpose of resolving the dispute/s arising out of the contract by and between the parties hereto, the Arbitrator or the Arbitral Tribunal shall not award interest on the awarded amount more than the SBI MCLR Rate applicable to BFCL on the date of award of contract.

IN WITNESS WHEREOF the parties hereto executed this contract on — the day of —, 2025 and shall come into force w.e.f. —.

SIGNED AND DELIVERED FOR AND ON BEHALF OF

Ramagundam Fertilizers and Chemicals Limited
(With Rubber stamp)

Contractor
(With Rubber stamp)

Witness

1.

Witness

1.

2.

2.

Ryan

"NO DEVIATION" CONFIRMATION"**M/s RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED****Tender No.-** RFCL /SITE- Tender/Misc./TS-STP/O&M/2025/01 Date:30.06.2025**Name of the contract:** Annual Rate Contract for Operation & Maintenance of 2x240 KLD MBR (Membrane Bio-Reactor) based Sewage Treatment Plant (STP) at RFCL Township, Ramagundam-2025 for 24 months.

Dear Sir,

We understand that any 'deviation / exception' in any form may result in rejection of Bid. We, therefore, certify that we have not taken any 'exception / deviation' anywhere in the Bid and we agree that if any 'deviation / exception' is mentioned or noticed, our Bid may be rejected.

Place:

Date:

RFCL

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:

NO CLAIM CERTIFICATE

Sub: Contract Agreement no. dated..... for the Work of

We have received the sum of Rs. (Rupees only) in full and final settlement of all the payments due to us under the above-mentioned contract agreement, between us and Ramagundam Fertilizers & Chemicals Limited (RFCL). We hereby unconditionally, and without any reservation whatsoever, certify that with this payment, we shall have no claim whatsoever, of any description, on any account, against RFCL, against aforesaid contract agreement executed by us. We further declare unequivocally, that with this payment, we have received all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.

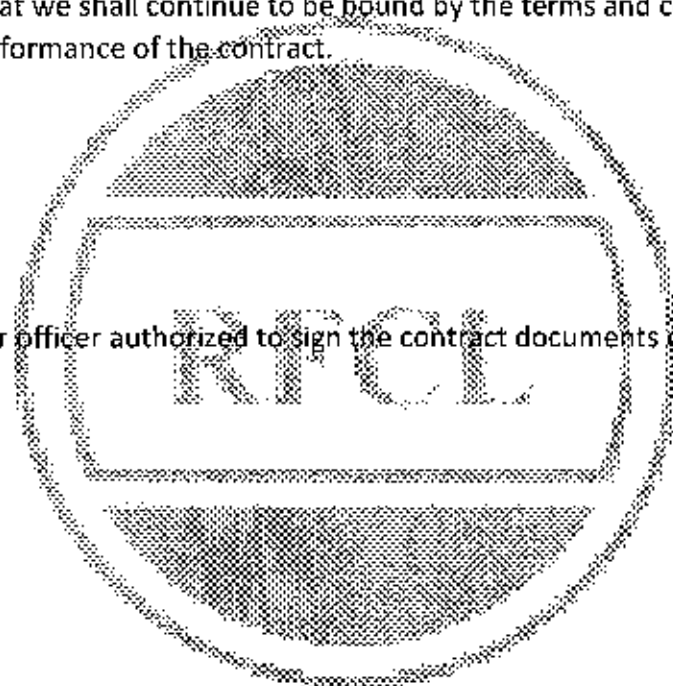
Yours faithfully,

Signatures of contractor or officer authorized to sign the contract documents on behalf of the contractor

(Company stamp)

Date:

Place:



Handwritten signature

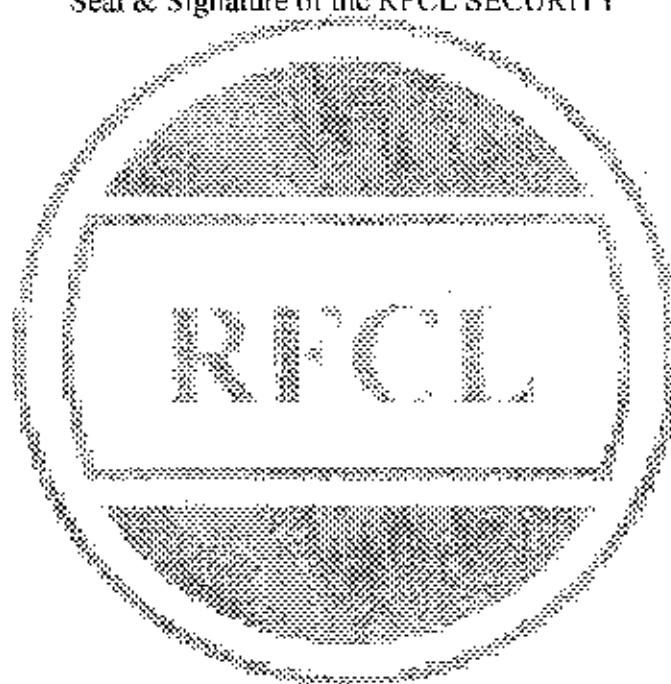
.....

RFCL SECURITY GATE PASS CLEARANCE

Certified that M/s. _____ have deposited gate passes issued against work order
 No. _____ dated _____ for
 _____ (Name of the work). All gate passes have
 been deposited by the contractor. Nothing is outstanding against this party as far as this work order is
 concerned.

Seal & Signature of the RFCL SECURITY

Signature



સિદ્ધાંત મુજબ આ કાર્યકરોના કાર્યકરો

Certificate of Compliance
Of
Statutory Provisions of Labour Laws

Certified that provisions of Contract Labour (Regulation and Abolition Act-1970) and other relevant laws as mentioned below has been complied with towards the Contract for _____ awarded to M/s _____ having work order no _____ dated _____ for which RA bill No. _____ has already been submitted for Rs. _____ against which payment of wages has been made through electronic fund transfer directly in to bank accounts of Contract employees and is as per Minimum Wages Act, Bonus & other laws and no complaint has been lodged till date by any contract employee of the above Contractor who has paid wages and applicable statutory payments on account of EPF, ESI, Bonus, Leave Payment for the month of _____.

Maintained proper registers, records, documents and books and filed proper returns, forms and statements and furnished necessary particulars to the relevant authorities. EPF and ESI contributions for above referred month have been deposited with concerned authorities on or before due dates in respect of manpower deployed as mentioned at Sl no _____ to _____ of Wage payment Register.

1. Minimum Wages Act-1970, Factories Act-1948 and Workman Compensation Act-1923
2. Employees Provident Fund & Miscellaneous Provisions Act-1952
3. The Payment of Bonus Act-1965
4. Any other labour law formed by State/Central Government from time to time and relevant to the above Contract.

We have gone through the terms & conditions stipulated in the tender document and confirm to abide by the same and not done or committed any act or entered into any transactions in violation of any statutory provisions

No other charges would be payable by RFCL.

Signature & Seal of Authorized Signatory
of the Agency/Contractor

Signature & Seal of
Authorized Signatory
of the Executing department

Verified by

Authorized Signatory (Signature & Seal of HR department)

[Handwritten Signature]

PRICE SCHEDULE-I (Routine O&M)

S.No	Description & Scope	Unit	Qty/ No. of Operations (A)	Lump Sum Rate (B)	Amount (AxB)
1	Operation and Maintenance (O&M) of 2x240 KLD capacity MBR (Membrane Bio Reactor) based Sewage Treatment Plant at RFCL Township, Ramagundam in round the clock shifts to treat the sewage from Township. The scope covers deputing qualified and experienced operators for 24 Hours shift operation of the plant, along with required relievers. The operators are required to monitor proper functioning of all the equipment and the system in total for effective performance of the plant for better results. The scope for O&M has been broadly defined in Annexure-X. Note:- One Operation means operating and maintenance of 2 x240 KLD STP for a period of ONE month, as per Scope.	Monthly	24		

Total for Price Schedule-I per Annum (in ₹) excluding GST

PRICE SCHEDULE-II(Consumables)

Sr. No.	Details of Consumables	Unit	Qty (A)	Unit Rate (B)	Amount (AxB)
1	Chlorine as NaOCl	Litres	2400		
2	Lime	Kg	120		
3	Poly Alum	Litres	240		
4	Citric Acid	Kg	180		
5	LBC	Litres	120		
6	MLSS development chemicals	Kg	120		
7	Urea	Kg	180		
8	DAP	Kg	180		
9	Cow Dung	Bags	60		
10	Hydraulic Oil	Litres	20		
11	Jaggery	Kg	80		
12	UV Lights	Nos	12		
13	Air blower V - Belts	Nos	36		
14	Filter Press Cloth (2 Feet * 2 Feet)	Nos	20		
15	Grease	Kg	60		
16	Gear oil 140 grade	Litres	120		
17	Gear oil 150 grade	Litres	24		
18	Bearing for Motors, Pumps & Blowers	As per Annexure XXVI			
19	Rope (5M/Piece)	Piece	50		
20	Air delivery Hoses (flexible pipe)-1-Inch dia Length of pipe-app 3meter	Piece	240		
	Total for Price Schedule-II for 24 Months (In Rs.)				
	Net Total Per Annum for O&M including Consumable for 24 Months (Price Schedule-I+ Price Schedule-II)				
	Add GST @ 18%				

Grand Total Value of Contract (in Figures) incl.GST		
-----------------------------------------------------	--	--

Note to bidders

- 1 The Rates quoted should be inclusive of all Taxes except GST, other Statutory Levies to be payable unless specified to the contrary in the bid all present taxes and statutory levies shall be borne and paid for by the bidder. Payment of the taxes and other statutory levies shall be the responsibility of the bidder and shall not be payable by RFCL.
- 2 Bid shall be evaluation of price bids shall be on overall total basis (Price Schedule-I + Price Schedule-II)
- 3 Quantities of consumables mentioned in the Price Schedule-II are tentative and indicated for the purpose of evaluation of bids. However, actual quantities may vary. RFCL does not guarantee the quantum of work. Payment will be made on actual basis. The rates for consumables shall remain firm throughout the currency of the contract. RFCL reserves the right to procure consumables in any quantity up to the completion of contract.

	Signature & Stamp	
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	of Bidder:	
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	Name of Bidder	
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	Date & Place	
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Ryaz

Annexure XXVI

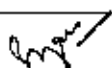
Sr. no	Tag No	Equipment	Bearing code		Set of DE & NDE per year (nos)	Rate of the DE Bearing	Rate of the NDE bearing	Amount
			DE	NDE				
			(3)	(4)	(5)	(6)	(7)	(8)={5}x(6)+(5)x(7)
19.1	3F3-310-B-410-C	MBR BLOWER-1	6206-2Z/C3	6205-2Z/3C	1			
19.2	10F4-310-B-410-A	MBR BLOWER-2	6206-2Z/C3	6205-2Z/3C	1			
19.3	3F3-310-B-410-B	MBR BLOWER STANDBY	6206-2Z/C3	6205-2Z/3C	1			
19.4	9F1-310-B407-B	PAT BLOWER-1	6310-2Z/C3	6209-2Z/C3	1			
19.5	3F1-310-B407-A	PAT BLOWER-2	6310-2Z/C3	6309-2Z/C3	1			
19.6	3F2-310-8-403-A	CT & SHT BLOWER-1	6208-2Z/C3	6208-2Z/C3	1			
19.7	11F1-310-B-403-B	CT & SHT BLOWER-2	6208-2Z/C3	6208-2Z/C3	1			
19.8	10F2-310-P-417-A	TREATED WATER PUMP-1	6308-2Z	6208-2Z	1			
19.9	9F2-310-P-417-C	TREATED WATER PUMP-2	6308-2Z	6208-2Z	1			
19.10	4F2-310-P-417-B	TREATED WATER PUMP STANDBY	6308-2Z	6208-2Z	1			
19.11	9F6-310-P-403-C	RAW SEWAGE PUMP-1	6205-2Z	6205-2Z	1			
19.12	4F6-310-P-403-A	RAW SEWAGE PUMP-2	6205-2Z	6205-2Z	1			
19.13	5F1-310-P-403-B	RAW SEWAGE PUMP STANDBY	6205-2Z	6205-2Z	1			
19.14	4F3-310-P-410-C	RAS PUMP-1	6307-2Z	6305-2Z	1			
19.15	9F3-310-P410-A	RAS PUMP-2	6307-2Z	6305-2Z	1			
19.16	4F4-310-P-410-B	RAS PUMP STANDBY	6307-2Z	6305-2Z	1			
19.17	9F4-310-AC-420	AIR COMPRESSOR	6206-2Z	6205-2Z	1			
19.18	2F1-310-P-408-A	MBR-1 PERMIT PUMP-1	6306-2Z	6205-2Z	1			

19.19	3F1-310-P-408-B	MBR-1 PERMIT PUMP-2	6306-2Z	6205-2Z	1		
19.20	4F1-310-P-409-B	MBR-2 PERMIT PUMP-1	6306-2Z	6205-2Z	1		
19.21	5F1-310-P-409-B	MBR-2 PERMIT PUMP-2	6306-2Z	6205-2Z	1		
19.22	310-FS-403-A	FINE SCREEN CLEANING PUMP	6203-2Z/C3	6202-2Z/C3	1		
19.23	310-AG-407-A	ALUM AGITATOR MOTOR	6204-2Z	6204-2Z	1		
19.24	310-AG-418/1	POLY AGITATOR MOTOR	6204-2Z	6204-2Z	1		
19.25	310-AG-407-B	ALUM AGITATOR MOTOR	6204-2Z	6204-2Z	1		
19.26	310-AG-405-A	ANOXIC AGITATOR MOTOR	6204-2Z	6204-2Z	1		
19.27	310-AG-406-A	ANOXIC AGITATOR MOTOR	6204-2Z	6204-2Z	1		
19.28	310-P-412-A	NAOCL DOSING MOTOR	6202-Z	6202-Z	1		
19.29	310-P-413-A	CITRIC DOSING MOTOR	6202-Z	6202-Z	1		
19.30	310-P-418-A	SCREW PUMP-MOTOR	6205-2Z/C3	6204-2Z/C3	1		
19.31	310-P-418-A	SCREW PUMP-MOTOR	6205-2Z/C3	6204-2Z/C3	1		
19.32	31-FP-419	FILTER PRESS	6205-2Z/C3	6204-2Z/C3	1		
19.33	3F3-310-B-410-C	MBR BLOWER-1	GSP 6305		4		
19.34	10F4-310-B-410-A	MBR BLOWER-2	PSP 6304		4		
			GSP 6305		4		
19.35	3F3-310-B-410-B	MBR BLOWER STANDBY	PSP 6304		4		
			GSP 6305		4		
19.36	9F1-310-B407-B	PAT BLOWER-1	PSP6306		1		
			PSP 6307		1		
			GSP 6306		2		
19.37	3F1-310-B407-A	PAT BLOWER-2	PSP6306		1		
			PSP 6307		1		
			GSP 6306		2		
19.38	3F2-310-8-403-A	CT & SHT BLOWER-1	22303		4		
19.39	11F1-310-B-403-B	CT & SHT BLOWER-2	22303		4		
19.40	310-AG-405-A	Anoxic Agitator Gearbox	6008Zz		2		
			6202		1		
			6205		1		
19.41	310-AG-406-A	Anoxic Agitator Gearbox	6008Zz		2		
			6202		1		
			6205		1		

By

Check List of documents to be submitted by Bidder
[Please write Yes/No/NA in Col ()]

Sl. No	Name of Documents	Remark	Yes/No or N/A
1	Cost of Tender documents: (Rs. 1000/-) DD No. _____ Amount _____ Date _____ or UTR no. _____ Amount _____ Date _____	Not to be submitted by Bidders registered under National Small-Scale Industries/MSME /start-ups (Registration certificate to be submitted) Udyam registration is mandatory to avail MSME benefits	
	EMD (Rs 100000/-) DD No. _____ Amount _____ Date _____ or UTR no. _____ Amount _____ Date _____ or BG No. _____ Amount _____ Date _____		
2	Whether all the pages of tender document are stamped and signed & properly tagged with all documents?	All pages to be signed and stamped	
3	Whether Declaration form-I is filled up?	To be signed and stamped at bottom after filling all detail	
4	Whether declaration form-II (bidders' details) filled up?		
5	Whether declaration form-III filled up?		
6	Whether self-attested copy of registration of the firm (for partnership firm or Pvt. Ltd./ Pub. Ltd. company) is enclosed?	self-attested copy of registration of the firm to be	
7	Enclose latest notarized affidavit towards sole proprietorship of firm/ Self Attested Partnership deed or Incorporation certificate of Company/Article of Association /Memorandum of Association as applicable)	To be submitted	
8	Self-attested copy of PAN Card	To be submitted	
9	Self-attested copy of GST Certificate	To be submitted	
10	Self-attested copy of EPF Certificate	To be submitted	
11	Self-attested copy of ESI certificate.	To be submitted	
12	Power of Attorney in original, in case tender document is signed by person other than tenderer or tendering company.	To be submitted	



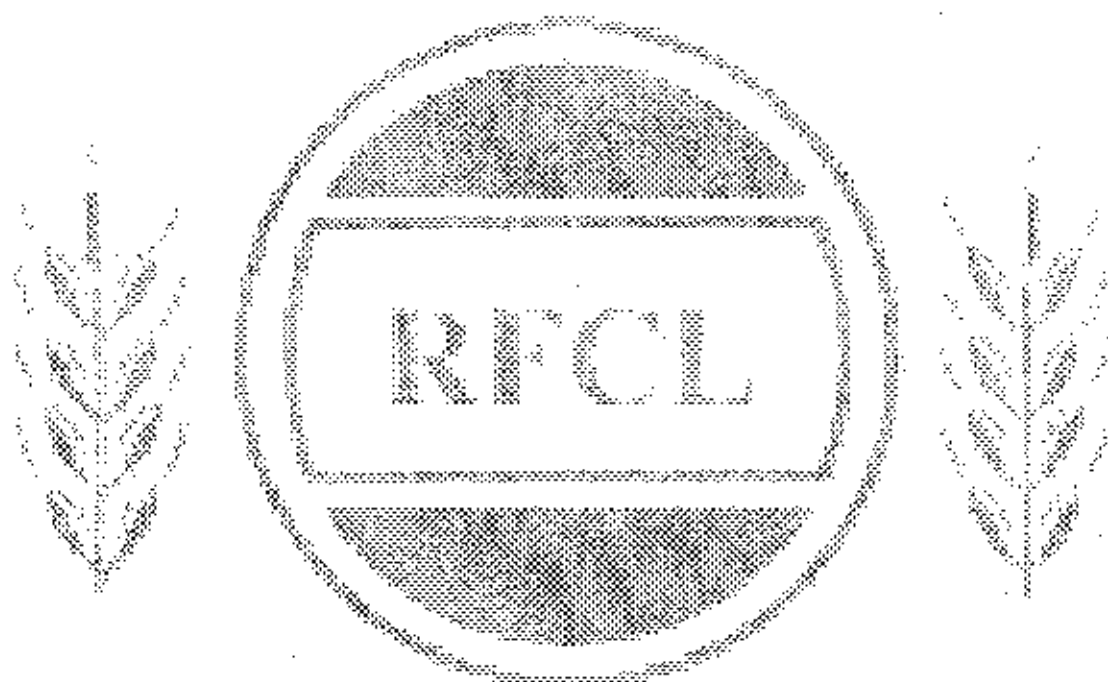
13	Undertaking on Party's letter head about Blacklisted/Non-Blacklisted company. The certificate should be exactly in the same format as given in Annexure-VI of the tender document	To be submitted	
14	Total Turnover of the business in F. Y-2022-23, 2023-24 & 2024-25 (Attach copy of Audited Profit & Loss Account and B/S for the Financial Years 2022-23, 2023-24 & 2024-25).	To be submitted	

Sl. No	Name of Documents	Remark	Yes/No or N/A
15	Give details of the major similar contracts handled by the tendering Company/Firm/Agency during last seven years (ending last day of month previous to the one in which applications are invited)	Self-attested Copies to be submitted	
S no	Details of client	Amount of Work completed	Contract period (From and to)
A			
B			
C			
D			
(If the space provided is insufficient, a separate sheet may be enclosed.)			
16	Document showing completion of one similar works of value not less than Rs. 37.11 Lacs/Annum (Including taxes) related to provision of similar services in a single contract during the last seven years (ending last day of month previous to the one in which applications are invited) (enclosed copies) Note: - For startups, please refer BQC Annexure-VII. OR	self-attested copies of WO along with satisfactory completion certificate to be submitted. WO shall be for similar work as defined in BQC annexure-VII	
17	Documents showing completion of Two similar completed works costing each not less than Rs.23.12 Lacs/Annum (Including taxes) Note: - For startups, please refer BQC Annexure-VII. OR		

Signature

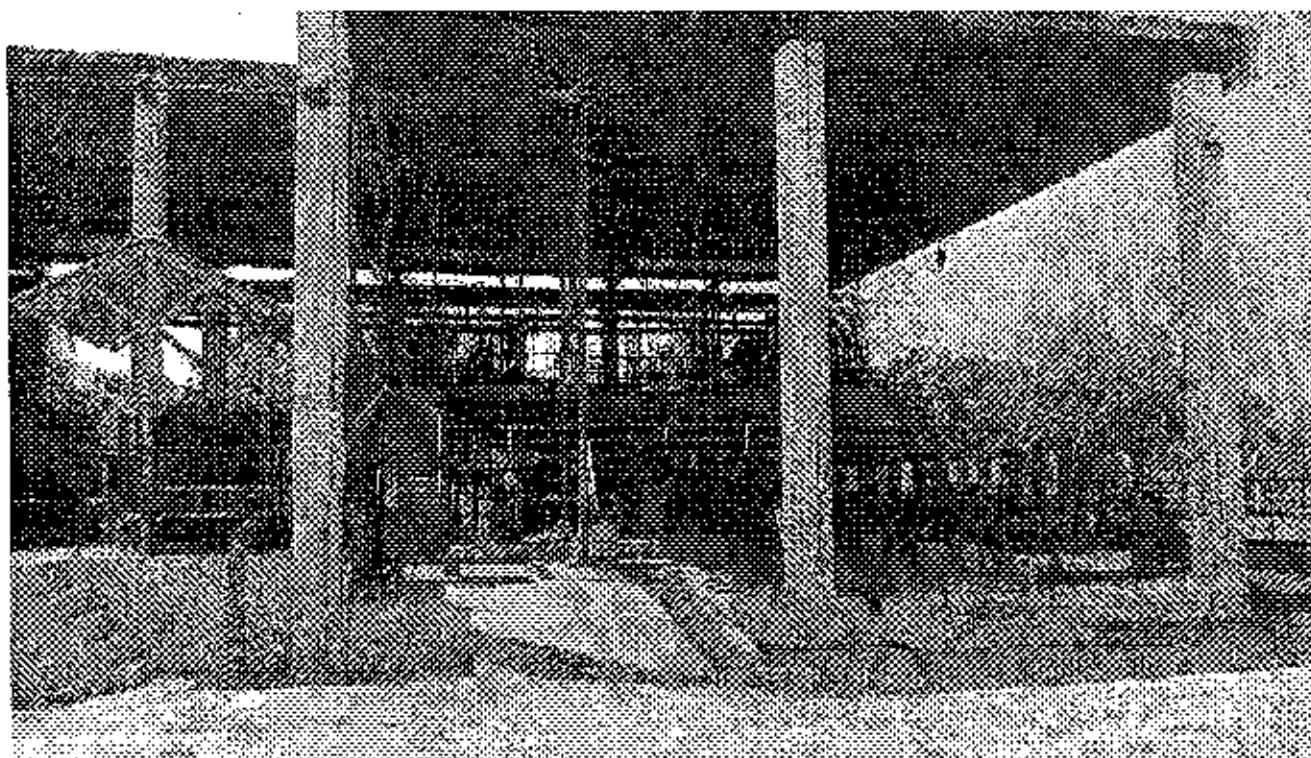
18	Documents showing completion of Three similar completed works costing each not less than Rs.18.56 Lacs/Annum (Including taxes) Note: - For startups, please refer BQC Annexure-VII.	
19	Average Annual turnover of the bidder in last three Financial Years shall not be less than Rs 13.92 lakhs/-	Self-attested audited financial statement for three years to be submitted
20	Net Worth of the bidders should be positive for the FY 2023-24.	
21	Minimum Working Capital of ₹ 4.64 lakhs/- for FY 2023-24.	
22	All annexures have been signed as per tender document.	

Signature



राज्य सरकार, दिल्ली

**OPERATION & MAINTENANCE
MANUAL FOR
2 X 240 KLD MBR SEWAGE TREATMENT PLANT**



**PROJECT: RFCL TYPE – C TOWN SHIP
RAMAGUNDAM, KARIMNAGAR,
TELANGANA.**

3/2/1

Effluent Flow rates:

The rate of Effluent generation is estimated to be 480 cubic meters per day.

Inlet Characteristics:

S.No	Parameters	Influent Quality
1	PH	6.5 - 8.5
2	BOD (mg/l)	100 - 350
3	COD (mg/l)	200 - 550
4	Suspended Solids(mg/l)	200 - 300
5	Ammonical Nitrogen (mg/l)	20 - 30
6	Total Phosphorus	10 Max
7	Oil & Grease (mg/l)	50 Max

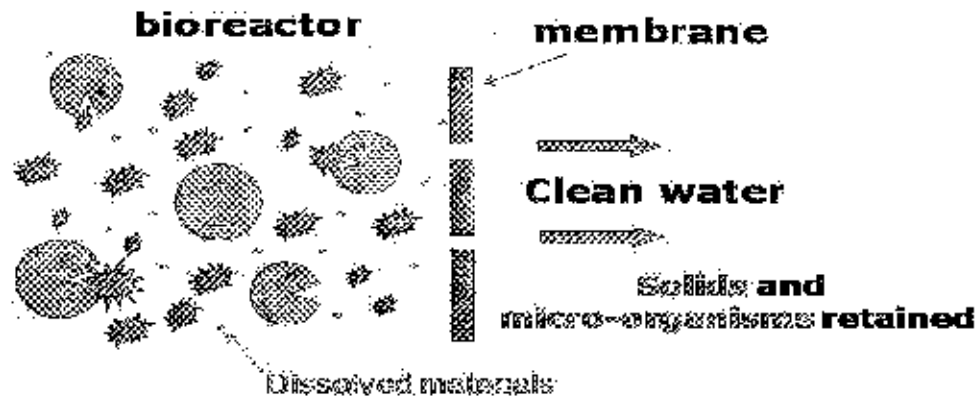
Treated Characteristics:

S.No	Parameters	Influent Quality
1	PH	6.5 - 8.5
2	BOD (mg/l)	<10
3	COD (mg/l)	<50
4	Suspended Solids(mg/l)	<5
5	Ammonical Nitrogen (mg/l)	<5
6	Total Phosphorus	<1
7	Oil & Grease (mg/l)	Below Detectable Limit
8	Facel Coliform	< 1000

Page 1

OVERVIEW:

Membrane bioreactor is the combination of a membrane process like micro filtration or ultra filtration with a biological waste water treatment process, the activated sludge process. It is now widely used for municipal and industrial waste water treatment.



Simple schematic describing the MBR process

When used with domestic wastewater, MBR processes can produce effluent of high quality enough to be discharged to coastal, surface or brackish waterways or to be reclaimed for urban irrigation. Other advantages of MBRs over conventional processes include small footprint, easy retrofit and upgrade of old wastewater treatment plants.

It is possible to operate MBR processes at higher mixed liquor suspended solids (MLSS) concentrations compared to conventional settlement separation systems, thus reducing the reactor volume to achieve the same loading rate.

Two MBR configurations exist: internal/submerged, where the membranes are immersed in and integral to the biological reactor; and external/side stream, where membranes are a separate unit process requiring an intermediate pumping step.

A submerged membrane should be outer-skinned. In general, permeate is extracted by suction or, less commonly, by pressurizing the bioreactor. In the external circuit, the membrane can be either outer- or inner-skinned, and the permeate is extracted by circulating the mixed liquor at high pressure along the membrane surface. In the latter case, the concentrated mixed liquor at the feed side is recycled back to the aeration tank.

G. 11

Technical Specifications of Equipment's:

SL.No	Equipment Names	Specifications
1	Coarse Bar Screen	
	Size	: 1000 mm X 1000 mm
	Spacing	: 10 mm
	MOC	: SS316
	Make	: REPL
	Quantity	: 1 No
	Fine Bar Screen	
	Size	: 1000 mm X 1000 mm
	Spacing	: 8 mm
	MOC	: SS316
	Make	: REPL
	Quantity	: 1 No
2	Drum Type Fine Screen	
	Capacity	: 30 m3/hr
	Spacing	: 2 - 3 mm
	Make	: Auric
	Quantity	: 2 Nos
3	Fine Screen Cleaning Pump	
	Capacity	: 3 m3/hr
	Head	: 15 mtrs
	Motor Rating	: 0.46 KW
	Make	: Grundfos
	Model	: CM
	Quantity	: 1 No
4	Stirrer Mechanism With Motor for Anoxic Tank	
	Capacity	: 1 HP
	MOC	: SS304
	Make	: REPL
	Quantity	: 2 Nos
5	Raw Sewage Transfer Pumps	
	Capacity	: 12.5 m3/hr
	Head	: 15 mtrs
	Motor Rating	: 2.2 KW
	Model	: 2200 CW
	Make	: Kirloskar
	Quantity	: 3 Nos
6	GE MBR System	
	Type	: Membrane Casattes
	Model	: GE
	Make	: SUEZ
	Quantity	: 1 Set
7	Alum Dosing With Agitator	
	Capacity	: 0 - 10 LPH
	Model	: V - 13
	Make	: Asia LMI

By your

	Dosing Tank	:	500 Ltrs
	Quantity	:	1 No
8	Filtration Permeate Pumps With VFD		
	Capacity	:	12 - 19 m ³ /hr
	Head	:	15 mtrs
	Motor Rating	:	2.2 KW
	Model	:	SP2HM
	Make	:	Kirloskar
	Quantity	:	4 Nos
9	Air Blowers for MBR Tank		
	Capacity	:	120 m ³ /hr
	Pressure	:	0.5 kg/cm ²
	Motor Rating	:	5 IIP
	Model	:	M 44
	Make	:	Everest /ABB
	Quantity	:	3 Nos
10	Air Blowers for PAT 1 & PAT 2		
	Capacity	:	520 m ³ /hr
	Pressure	:	0.5 Kg/cm ²
	Motor Rating	:	25 HP
	Model	:	
	Make	:	Everest /ABB
	Quantity	:	2 Nos
11	Air Blowers for CT & SHT		
	Capacity	:	200 m ³ /hr
	Pressure	:	0.5 kg/cm ²
	Motor Rating	:	10 IIP
	Make	:	Everest /ABB
	Quantity	:	2 Nos
12	Coarse Bubble Diffusers		
	Size	:	90 mm Dia X 800 mm Long
	Model	:	PVC
	Make	:	Scogen
	Quantity	:	20 Nos
13	Fine Bubble Diffusers		
	Size	:	90 mm Dia X 1000 mm Long
	Model	:	EPDM
	Make	:	Scogen
	Quantity	:	66 Nos
14	NaOCL Dosing Pump with Tank		
	Capacity	:	0 - 10 LPH
	Model	:	V-13
	Make	:	Asia LM1
	Dosing Tank Capacity	:	500 Ltrs
	Tank	:	HDPE
	Quantity	:	2 Nos
	Cytric Acid Dosing Pump		
	Capacity	:	0 - 10 LPH

15	Tank Capacity	:	500 Ltrs
	Pump Model	:	M - 13
	Tank Moc	:	HDPE
	Quantity	:	2 Nos
16	Sludge Extraction/Recirculation Pump		
	Capacity	:	40 m3/hr
	Head	:	12 m
	Motor Rating	:	3.7 KW
	Model	:	SP3LM
	Make	:	Kirloskar
	Quantity	:	3 Nos
17	Instrumentations		
	Quantity	:	1 Lot
18	Interconnecting Piping & Valves		
	Model	:	CPVC
	Make	:	Finolex
	Quantity	:	1 Lot
19	Back Pulse Water Tank With Level Switch		
	Capacity	:	100 Ltrs
	Make	:	REPL
	Quantity	:	1 No
20	Polymer Dosing Pump		
	Capacity	:	0 - 10 LPH
	Tank Capacity	:	500 Ltrs
	Stirrer Capacity	:	1 HP
	Pump Model	:	V - 13
	Tank MOC	:	HDPE
	Stirrer MOC	:	SS304
	Pump Make	:	Asia LMI
	Tank Make	:	Sintex
	Stirrer Make	:	REPL
	Quantity	:	2 Nos
21	Screw Pump		
	Capacity	:	2 m3/hr
	Pressure	:	4.5 - 5.5 Kg/cm2
	Make	:	Alfa Helical
	Model	:	BAD 206
	Quantity	:	2 Nos
22	Filter Press		
	Size	:	610 mm X 610 mm
	Plates	:	18
	Make	:	Royal Precision
	Quantity	:	1 No
23	UV System		
	Capacity	:	25 m3/hr
	Head	:	45 m
	Model	:	KPDS 40/20A
	Make	:	Kirloskar

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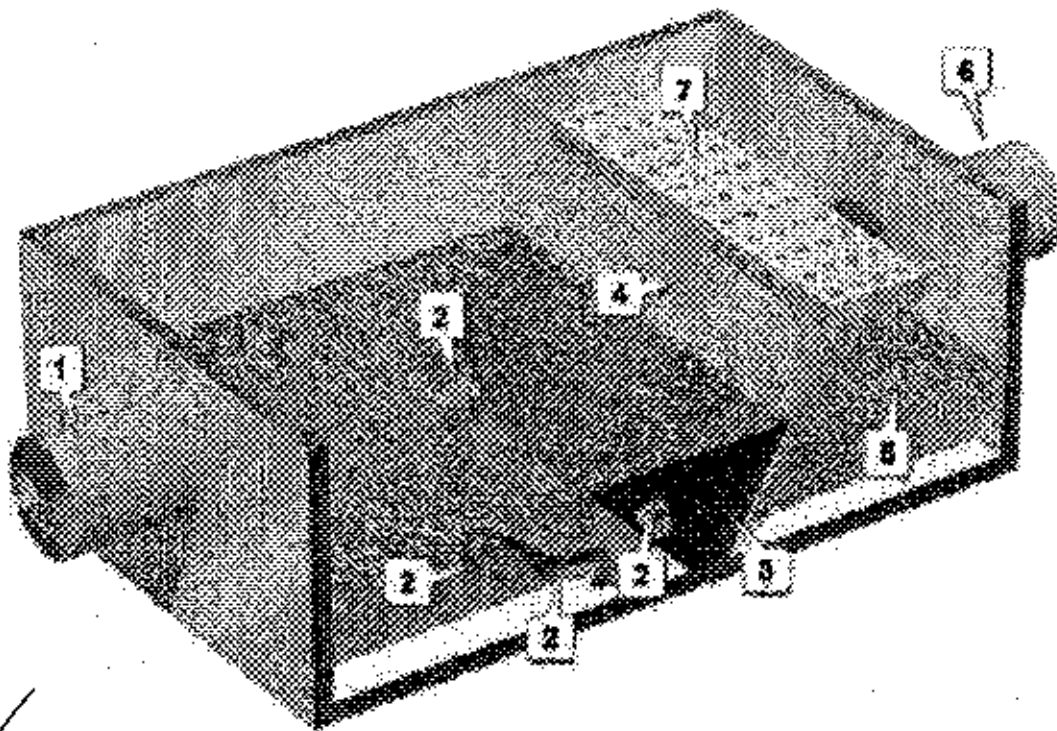
	Quantity	:	3 Nos
24	Treated Water Transfer Pumps		
	Capacity		25 m ³ /hr
	Head		45 m
	Model		KPDS - 40/20A
	Make		Kirloskar
	Quantity		3 Nos

BAR SCREEN CHAMBER:

The bar screen chamber is used to separate plastics and other non-decomposable matter from incoming waste water to prevent clogging of pipelines and pumps thereby causing break-downs.

The bar screen chamber consists of two screens i.e., a coarse screen followed by a fine screen which are inverted at an inclined angle.

The bar screen chamber is to be at a suitable overflow height to the equalization tank.



Inlet pipe for the STP.

Debris (plastic bags, paper cups, condoms, sanitary napkins, paper dishes, etc.) gets trapped here. Muck (sediment in sewage) accumulates and blocks the grill (if not cleaned regularly)

Grill Must be cleaned regularly to avoid a build-up of debris (2) and muck (3).

Screened sewage. If the screen (4) is maintained well, this would be free of any large

articles. Outlet pipe (goes to the Equalization Tank)

Platform with weep holes. The STP operator stands here to rake the debris (2). He also uses the platform as a drip-tray for the collected debris

EQUALIZATION/COLLECTION TANK:

Flow equalization is the process of mitigating changes in flow rate through a portion of a system by providing storage to hold water when it is arriving too rapidly, and to supply additional water when it is arriving less rapidly than desired. In treating wastewater, the rate at which the waste arrives at the treatment process might vary dramatically during the day, so it is convenient to equalize the flow before feeding it to the various treatment steps. In either case, the engineering issue is deciding how large an equalization basin is required to allow a steady, the treatment processes to operate with a steady, average flow.

The sewage from the bar screen chamber and oil, grease and grit trap comes to the equalization tank. The equalization tank is the first collection tank in an STP. Its main function is to act as buffer: To collect the incoming raw sewage that comes at widely fluctuating rates, and pass it on to the rest of the STP at a steady (average) flow rate. During the peak hours, sewage comes at a high rate. The equalization tank stores this sewage, and lets it out during the non-peak time when there is no/little incoming sewage.

This is mandatory for two reasons:

It keeps the raw sewage aerated, thereby avoiding septicity and suppressing odor generation.

It keeps solids in suspension and prevents settling of solids in the tank, thereby reducing frequency of manual cleaning of the tank.

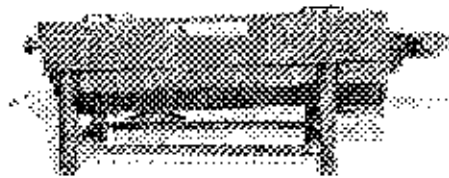
The tank may be of any shape, provided it permits placement of air diffusers for full floor coverage and uniform mixing over the entire floor area. The diffusers should be retrievable: Individual diffusers (or sets of diffusers) may be lifted out and cleaned for routine maintenance. This will reduce frequency of shut down of the Equalization tank for manual cleaning purposes.

If membrane diffusers are used, they will fail frequently, due to the repeated cycles of expansion and contraction caused by fluctuating water levels in the equalization tank. Therefore, only coarse bubblediffusers must be used in the equalization tank.

DRUM TYPE FINE SCREEN:

The smallest type of screening in wastewater treatment is micro screening. These screens are typically low-speed drum screens. The drums are lined with filtering fabrics with openings of 10 to 35µm. Wastewater enters the drum, and the retained solid waste is collected and disposed of

Syau



ANOXIC TANK:

Anoxic zones in wastewater are useful for nitrogen removal. Some wastewater has a high nitrate and nitrite content, and the treatment process must break down those compounds to avoid causing nutrient pollution when the plant discharges its effluent back into the environment.

In anoxic zones, when bacteria break down the nitrogen products, the separation of the molecules releases oxygen, which the bacteria need to thrive. Because the biodegradation of nitrogen products naturally releases oxygen, the bacteria in anoxic tanks like denitrification basins do not require supplemental oxygen from diffusers or surface aerators.

PRE - AERATION TANK:

From the Collection Tank the waste water is pumped to aeration tank where oxygen is mixed with water by means of floating aerator system.

To understand the system, the following terms must be understood:

(I) **BACTERIA:** Bacteria are single celled prokaryotic organisms. Their usual mode of reproduction is by binary fission. Generally a bacterial cell contains 80% water and 20% dry material, out of which 90% is organic & 10% is inorganic.

(II) **BIO CHEMICAL OXYGEN DEMAND: (BOD)** It is the demand of dissolved oxygen by bacteria and other microbes in the bio-chemical oxidation of Organic matter.

(III) **MIXED LIQUOR SUSPENDED SOLIDS: (MLSS)** The suspended solids concentration in the Aeration tank is referred to as Mixed Liquor SS. It is an index of the mass of active micro organisms in the Aeration tank. As illustrated before MLSS in aeration tank indicates the presence of both active and dead bacterial cells. The level of MLSS that has to be maintained depends upon the desirability of treated water quality. MLSS level of 3500 - 5000 mg /lit would be optimum in an Extended type aeration tank.

(IV) **RETURN ACTIVATED SLUDGE (RAS):** The purpose of the return of activated sludge to Anoxic tank from Sludge Sump is to maintain a sufficient concentration of activated sludge in the tank so that required degree of treatment can be obtained in the limited time interval.

(V) **FOOD TO MICROBES RATIO (F/M):** It is the ratio between amounts of Organic material available to microbial population. In other words it is the ratio between BOD in Kg's and MLSS in Kg's. A proper F/M can be achieved by increasing or decreasing the rate of Return Activated Sludge (RAS) from Secondary Clarifier. Optimum F/M for an Extended Aeration type ASP is 0.1 - 0.15.

(VI) **NUTRIENTS:** To continue reproduction & stabilization of organic matter, an organism must

have (a) a source of energy (b) carbon for the synthesis of new cellular material (c) Inorganic elements such as nitrogen, phosphorus, sulphur, potassium, calcium and magnesium. For deriving energy bacteria use light and other chemical reaction as a source. Carbon is derived from organic matter and atmospheric CO₂.

MBR TANK:

In the MBR process, membranes act as a solid-liquid separation device, keeping the biomass within the bioreactor before discharging the treated effluent to the nature. Basically, they take the place of clarifiers used in the conventional activated sludge (CAS) process.

Both micro- (MF) and ultrafiltration (UF) membranes can be used in MBR applications. Typically, UF membranes are the preferred choice because of their superior separation characteristics (thus, being able to remove some colloids and viruses as well) and lower fouling tendency (because of the smaller pore size, they have a lower risk of pore clogging).

There are three types of membrane geometries used for MBRs:

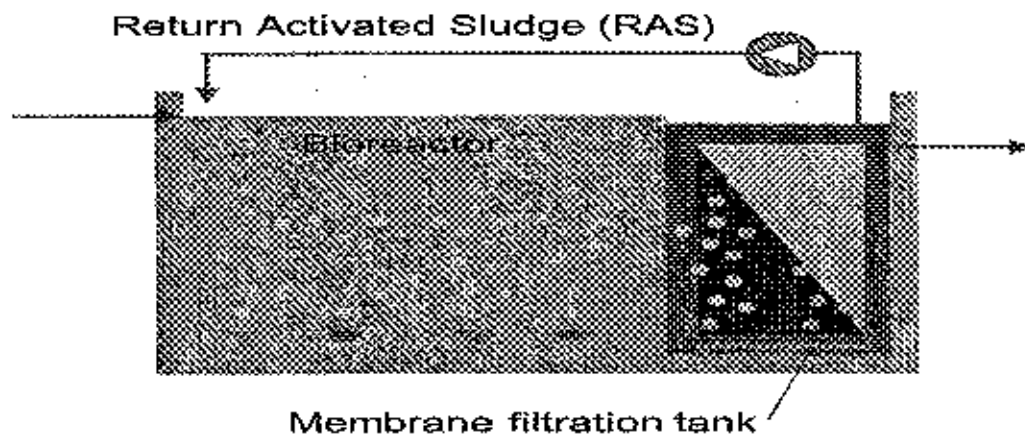
1. Hollow fibre (HF);
2. Flat sheet (FS);
3. Tubular (or multi-tubular, MT).

Other configurations, such as spiral-wound (SW), are not suitable to MBR applications because of their sensitivity to suspended solids contents.

The crucial function of membranes is to separate solids from a liquid. In activated sludge facilities, this is traditionally accomplished using secondary clarifiers.

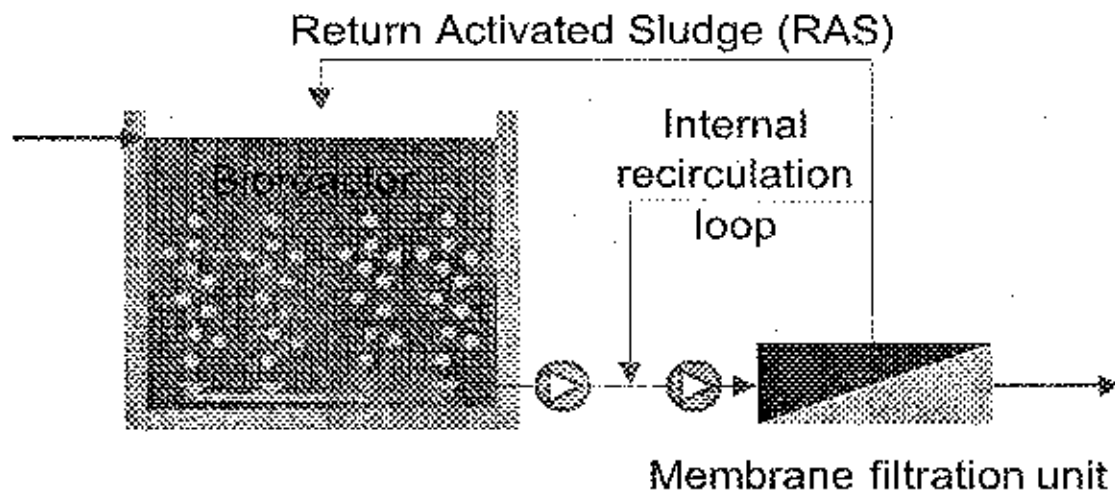
Two process configurations are possible:

- Submerged MBR, in case vacuum-driven membranes are used (like PCI HF-Zmbr2 Series);



- Side stream (or external) MBR, in case pressure-driven membranes are used (like PCI A-Series).

Sign



Smaller Footprint:

Large clarifiers no longer are needed. A smaller often rectangular shaped chamber, fitted with the membrane cassettes replaces the secondary clarifier whose size is governed by hydraulic and solids loading. On top, because of the higher biomass concentrations that can be sustained within the bioreactors, the same total mass of solids is stored in a smaller tank, resulting in up to 50% smaller footprint.

High-Quality Effluent:

In comparison to the activated sludge (CAS) process, the effluent is free of suspended solids and reduced bacteria and viral content. Therefore, minimum disinfection is required.

Therefore, the MBR process easily allows the treated effluent to be discharged to sensitive receiving bodies or to be reclaimed for applications such as urban irrigation, utilities or toilet flushing.

Higher Automation Capabilities:

The operation of the MBR system can be fully automated, minimising operators intervention that are typically required for conventional treatment plants. This means that the MBR process can be easily implemented also in decentralized sites.

TREATED WATER TANK:

Required storage capacity may be met by use of elevated or ground storage. Elevated storage, feeds the water distribution system by gravity flow. Storage which must be pumped into the system is generally inground storage tanks. STP treated water storage, which is usually part of a water treatment plant, is not included in computing storage unless sufficient firm pumping capacity is provided to assure that the storage can be utilized under for grading and flushing purpose, and then only to the extent of storage in excess of the 24-hour requirements of the treatment plant. STP treated water storage is used to supply peak water demand rates in excess of the production rate, and to provide a reservoir for plant use, filter backwash supply, and water supply to the system for short periods when plant production is stopped because of failure or replacement of some component or unit of treatment.

Sign



SLUDGE HOLDING TANK:

Sludge holding tanks provide storage of biosolids and can serve as a location for thickening before further processing or disposal. Mixing in sludge holding tanks provides uniform sludge concentration, prevents sludge stratification, and ensures a homogeneous feed to dewatering equipment.

Pumps

Pumps must be monitored regularly, correctly and accurately according to a specific plan which is made by specially trained personnel. The following six parameters should be regularly monitored to understand how a pump is performing:

1. Suction pressure (P_s)
2. Discharge pressure (P_d)
3. Flow (Q)
4. Pump speed (N)
5. Pump efficiency (η)
6. Power.

The advantages regular monitoring of the pumps are

1. No dismantling of the pump is necessary.
2. Offers cost savings and energy savings by increasing the pump availability and reliability coefficients for pumps.
3. The time to maintain the pump set maybe predicted and planned more accurately and in a qualified manner in line with predictive and planned maintenance strategies.
4. If a flow meter is installed to measure process liquid flow, then the pump monitor is able to verify the accuracy of the meter readings by calculating 'Q' from the empirical formula for power 'P'.

Ryan

In addition, it is very important to monitor some other conditions for centrifugal pump during normal operation such as:-

1. Vibration monitoring.
2. Oil level and schedule oil Analysis

Routine inspections

Perform the following tasks whenever you check the pump during routine inspections:

- Check the level and condition of the oil through the sight glass on the bearing frame.
- Check for unusual noise, vibration, and bearing temperatures.
- Check the pump and piping for leaks.
- Analyze the vibration.
- Inspect the discharge pressure.
- Inspect the temperature.
- Check the seal chamber and stuffing box for leaks.
- Ensure that there are no leaks from the mechanical seal.
- Adjust or replace the packing in the stuffing box if you notice excessive leaking.

Three-month inspections

Perform the following tasks every three months:

- Check that the foundation and the hold-down bolts are tight.
- Check the mechanical seal if the pump has been left idle, and replace as required.
- Change the oil every three months (2000 operating hours) at minimum.
- Change the oil more often if there are adverse atmospheric or other conditions that might contaminate or break down the oil.
- Check the shaft alignment, and realign as required.

Annual inspections

Perform the following inspections one time each year:

- Check the pump capacity.
- Check the pump pressure.
- Check the pump power.

If the pump performance does not satisfy your process requirements, and the process requirements have not changed, then do the following:

1. Disassemble the pump
2. Inspect it.
3. Replace worn parts.

Routine maintenance (Can be made during pump operation)

Perform the following tasks whenever you perform routine maintenance:

- Clean bearing bracket from any oil if found.
- Check oil drain plug.
- Lubricate the bearings.
- Inspect suction and discharge flanges for any leak.
- Inspect pump casing for any unusual damage signs.
- Inspect the seal.
- If the pump is offline check the coupling and its shims for any damage.
- Make sure that the coupling guard is well tightened to pump base plate.
- Check that motor alignment bolts are all in place.

• TROUBLE SHOOTING

PUMPS Defects and their Possible Causes

Defect	Possible Causes
No Discharge	<ol style="list-style-type: none"> 1. Pump not properly primed. 2. Leakage in Foot valve, Suction Pipe or Gland. 3. Hump in suction line. 4. Wrong direction of rotation. 5. Blockage in strainer, Pipes or in pump. 6. Low drive speed (Low voltage). 7. Head too high for the pump. 8. Suction lift too high.
Loss of delivery or Insufficient Discharge	<ol style="list-style-type: none"> 1. Leakage in suction pipe and glands. 2. Foot valve uncovered or inadequately submerged. 3. Suction lift high.
Excess Power	<ol style="list-style-type: none"> 1. Too high speed. 2. Pump strained by pipes. 3. Head too low.
Noise & Vibration	<ol style="list-style-type: none"> 1. Too high delivery. 2. Too high suction lift. 3. Blocked suction line or impeller. 4. Air entrained in the water. 5. Worn or defective Bearing.

Air Blowers:

Blowers are mostly used in the secondary phase of treatment to create air bubbles which serve two main processes: aeration and agitation.

The primary function of aeration is to provide usable oxygen for the aforementioned biological processes. This allows a much higher concentration of microorganisms (the agent that removes the waste from the water) to be maintained than what would naturally occur.

Blower operating checks

- *Daily checks –*
 - With the blower running, check: Outlet temperatures.
 - Discharge pressure (when functioning under pressure).
 - Suction pressure (when functioning in vacuum conditions).
 - Absorbed power.
- *Check after first 50 hours*
 - With the blower shut down, check: The oil level.
 - Oil leaks.
 - Auxiliary circuit leaks.
 - Belt tension.
- *Check every 500 hours*
 - With the blower shut down, check: The oil level.
 - Oil viscosity and condition.
 - Belt wear.

- Flexible coupling inserts.
- Auxiliary circuits.

BLOWERS MAINTENANCE

SYMPTOM	SYMPTOM PROBLEMS CAUSE	REMEDY
No Air flow	Speed too low. Wrong direction of rotation. Obstruction in piping.	Check speed and verify as per recommendations. Check for correct direction of rotation. Check suction and discharge line for any obstruction.
Low capacity	Speed too low. Excessive pressure. Discharge line leaks.	Check speed, belt drive slippage. Check the line pressure. Check up for open flow path.
Excessive power consumption of blower	Speed too high. Differential pressure across the suction and discharge openings too high Impellers rubbing.	Correct the speed. Check line pressure with rated pressure. Check & clean filter and silencer Check for any obstruction in the suction and discharge line. Check the impellers for any hot spots/rubbing marks. If observed, reset impeller timing. This operation requires skill and patience. If in doubt, contact "EVEREST".
Overheating of bearings and gears / blower	Inadequate lubrication. Differential pressure across the suction and discharge openings too high Coupling misalignment Belt slippage/Over tightened belts. Too much oil in gear case Worn impeller, clearances too high Internal contact.	Check for oil level and replace dirty oil. Check line pressure with rated pressure. Check & clean filter and silencer. Check for any obstruction in the suction .. and discharge line Check alignment and realign. Adjust belt tension. Correct oil level. Replace impellers. Reset clearances.
Vibration	Drive misalignment. Impeller rubbing (Distant knocking sound would be observed). Worn bearings/gears.	Check alignment. Check for hot points. Recheck blower alignment and mounting, Recheck impeller timing. Check and replace the bearings/gears.

Handwritten signature

	Loose pulley/coupling.	Check if pulley/coupling is loose on shaft. Check key.
Blower jams after running for a short period	Insufficient axial clearances Differential pressures across suction & discharge high, resulting in over heating & subsequent jamming, due to thermal expansion.	Correct clearances. Correct differential pressures.
Blower makes heavy knocking sound on running	Unit out of time. Distortion due to improper mounting or pipe strains. Differential pressure across the suction and discharge openings too high. Worn bearings/gears	Retime impellers. Check mounting alignment and relieve pipe strains. Check gauge readings across the suction and discharge ends Check and replace the bearings/gears.
Oil leaking out of oil fill hole	Excessive oil level. Oil seal leakage	Correct oil level. Check and replace gear end oil seals..
Traces of oil in blower casing	Oil seal leakage.	Check and replace oil seals.

MAINTENANCE SCHEDULE

Sl No	Name of the Part	Maintenance to be carried out	TIME	Remarks
1	Bearings	Checking of Temperature with thermometer	Weekly	Hot ball or roller bearings point to too much oil or grease. Hot sleeve bearings need more oil or heavier lubricant. If does not correct, disassemble and inspect the bearing alignment of pump and driver.
2	Glands	Changing of Gland packing	Weekly	
3	Bearings	Lubrication (greasing)	Two months	Check for saponification resulting in whitish color. Washout with kerosene.
4	Gauges	Checking of pressure and vacuum gauges.	Three months	Not Applicable
5	Valves	Changing of gland packing in delivery sluice valve, suction valves, bye pass valve. Reflux valve.	Six months	

6	Exhaust pump and its auxiliaries.	Checking of gland packing & its auxiliaries etc.	Six months	Not Applicable
7	Impeller.	Checking of impeller blades. Sleeves efficiency rings, bearings necking impeller nut etc.	One Year	

Timers

TIMERS	
Filtration	8 Mins
Backwash	40 sec
CEB	
Initial Back pulse	25 sec
Rest Time	20 sec
Back pulse & Dosing	30 sec
Soaking	30 sec
No of Cycle	6 - 8
Backwash	30 sec
Rest Time	30 sec
Filtration	60 sec

Sayed