

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED

(A GOVT. OF INDIA UNDERTAKING)

NAMRUP**Please reply to:**

Dy. General Manager (MM)

BVFCL, Namrup

P.O. Parbatpur – 786 623

Dist. Dibrugarh (Assam), India.

Phone: +91 [374] 2507059; FAX: +91 [374] 2500204 / 2500317; e-mail: matmgt@bvfc.co.in,
website: www.bvfcl.com, CIN No: U24123AS2002GOI006786 GST No : **18AABCB9399R1ZK**

To, _____
M/s. _____

NOTICE INVITING TENDER

1. NIT NO : AN/2022/64UE-023/012/RC/Enq: 028
2. DATE OF ISSUE : 31.01.2022
3. TYPE OF BID : Two Stage – OPEN TENDER
4. BID OPENING : 28.02.2022, 03:30 PM
5. EARNEST MONEY DEPOSIT : Rs. 500 (Rupees Five Hundred only)

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP INVITES SEALED BIDS IN TWO STAGE FOR SUPPLY OF THE FOLLOWING ITEMS AS PER ANNEXURE- A, B, & III:

Sl. No.	DESCRIPTION	QUANTITY
1.	15 KW, 415 Volt, 3 phase AC Electric Heater Unit assembled in complete shell as per scope of supply at Annexure-A , suitable for replacement of existing heater as per drawing attached – Annexure - B.	02 Nos.

SPECIAL TERMS & CONDITIONS.

1. The bid will include / indicate the following:


- a) The complete scope of supply conforming to the specifications stipulated above and at Annexure A, B and III.
- b) Basic Price, Packing & Forwarding charges, if any. The applicable GST and any other applicable charges.
- c) The mode of transportation and charges thereon for delivery of the materials at Namrup, Assam.
- d) Acceptance of terms of payment within 30 days after receipt and acceptance of the materials at site.
- e) Confirmation that the firm prices have been quoted.
- f) Confirmation of the bid validity for 90 days from the bid opening date.
- g) You shall suitably pack the materials to avoid any damage during transit.
- h) Please clearly indicate PAN/ GST No. in your quotation.
- i) Acceptance of all other terms & conditions of Annexures.
- j) **The bid shall contain the GA dimensional drawing of complete Unit with pressure shell, along with sectionalization of heater element, catalog, detailed technical specification, complete circuit drawing etc.**
- k) Please confirm that you shall **furnish necessary Test Certificate along with the supply**, otherwise material will not be considered acceptable.
- l) Please confirm that the material shall be **guaranteed** for a period of 18 months from the date of receipt or 12 months from the date of commissioning, whichever is earlier. If any defected material is found, it shall have to be replaced without extra cost to the purchaser. A certificate to this effect shall accompany along with the supply.
- m) Confirmation of furnishing **NIT along with Annexures, duly signed and stamped** with office Seal in each page by the tenderers or his legal representative as a token of acceptance of the Terms and Conditions mentioned therein has to be submitted.

Contd...

2. Your **Tender quotation must be accompanied by Earnest Money Deposit** for an amount of Rs.500.00 in the form of a crossed Demand Draft/Bank pay challan only in favour of Brahmaputra Valley Fertilizer Corporation Limited, payable at Namrup on any scheduled Bank payable at Namrup.
3. In order to comply with newly introduced rule under Section 206AB provision w.e.f. 01.07.2021, to assess the Income-tax return filing status and to ensure that TDS is deducted at appropriate rate, the successful bidders have to submit us a declaration in the prescribed format along with the tax Invoice at the time of supply only.
4. Price Strictly to be mentioned in the Price Bid, if the price quoted in the Techno Commercial Bid, then the bid will not be considered. **Bidder must submit techno-commercial bid and price bid in two separate- sealed envelopes.**
5. The **parties who are not registered as pre-qualified vendor of BVFCL** will submit the documents pertaining to the eligibility criteria.
New tenderers are requested to furnish self-certified documentary evidence in support of qualifying requirements of their tenders as stipulated below:
 1. Experience & Past Performance of similar contract for last 2 years.
 2. Capability with respect to Personnel, equipment and manufacturing facilities.
 3. Financial standing through Annual Report (Balance sheet and profit & loss account) of last 3 years.
 4. Statutory requirement such as GST, PAN, TAN, TIN, ESI, Labour Licence no. EPF registration no. etc wherever applicable.
6.
 - a. MSEs shall be given the benefits as per Govt. Guidelines.
 - b. SC/ST owned enterprises registered with MSME shall submit relevant SC/ST certificates and registration should remain valid at the time of bidding.
 - c. Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security. Bidders shall sign the **BID declaration form** in lieu of Bid Security as per enclosed format in **ANNEXURE III** of the tender documents, failing which the tenderer / bidder will stand disqualified from the tendering process and the bid of the bidder is rejected.
7. In case you are not interested to participate against our NIT, kindly furnish a Regret Letter stating reasons for the same.
8. Goods bearing ISI mark will be given preference.
9. Materials shall be packed properly to avoid any damage during transit.
10. We are ISO certified company and it is expected that the materials supplied by you is manufactured in an environmental friendly way.
11. BVFCL is committed to a corruption free work environment. "All the above purchases, services and commitments of BVFCL will be honoured without the citizen having to pay any bribe". In case any person demands any bribe, it is the duty of the responsible to inform the matter to vigilance office, BVFCL, Namrup, P. O. Parbatpur, Dist. Dibrugarh, Assam PIN; 786623. (Tel no: 0374-2507092 / 0374-2507167).

Enclosures: Annexure – A, B & III

Yours faithfully,
For and on behalf of
Brahmaputra Valley Fertilizer Corporation Ltd.


(V.K. Tamboli)
Dy. Materials Manager

SCOPE OF SUPPLY

Supply of Electric Heater unit consisting of 9 nos heating elements, 3 nos in parallel per phase in star distribution of heaters of 1667 W/240 V. The supply shall be completed with connections of heater element to the terminal box, cable glands and arrangement of sectionalization of heater elements for the control of output Temperature.

AMBIENT CONDITIONS

Design Temperature----- 95°C.

Operating Temperature-----70°C

Maximum Humidity----- 100%

Atmosphere ----- Corrosive, laden with finely divided Urea and Ammonium Sulphate and Ammonia vapour.

POWER SUPPLY

The supply will be available at one point only in the existing control panel, with system of:-

Voltage: 415 V \pm 5 %

Frequency: 50 C/S \pm 3%

Phase: 3 Phase, 4 Wire

Heating element, pressure shell, Heater Terminal Box shall be as per "Particular data sheet for Electric Heater" under Annexure-I

EARTHING

Two numbers of earth Terminals with lugs shall be provided on the terminal box of the heater shell for earth connection.

TESTING AND DOCUMENTS

- i. Testing shall be done as per latest relevant IS
 - a. Pressure shall be tested at 1.5 times designed pressure.
 - b. Safety valve shall be tested for the operation at set pressure of 11 Kg/cm² abs.
 - c. Heater element shall be tested to see the output of each element. Individual section shall be tested for the rated output.
- ii. Necessary GA drawing of the heater shown dimensions of pressure shell etc. shall be furnished for scrutiny.
- iii. Final Copies of drawings along with reproducible and test certificate shall be supplied.

PARTICULAR DATA SHEET FOR ELECTRIC HEATERS FOR Neem Coated Oil Tank Heater Unit:

1. **Equipment:**----- **Electric Heater**

2. **Quantity:**----- **2 (Two) No.**

3. **Operational requirement:**

i) Design Temperature----- 95°C.

ii) Operating Temperature-----70°C

iii) Maximum Humidity----- 100%

iv) Atmosphere ---- Corrosive, laden with finely divided Urea and Ammonium Sulphate and Ammonia vapour

v) Duty-----Continuous.

4) Design condition of the pressure shell:

i) Pressure----- 03 Kg/ Cm²

ii) Temperature----- 95 °C

iii) Material of construction ----- Mild steel

iv) Pressure drop in the shell----- will remain within 2 psi

v) Heater Flange Dimensions ----- 150NB/150# as per ANSI B16.5
(Flange details shall be as per drawing enclosed)

vi) Arrangement of shell----- Horizontal

vii) Baffle plate details with dimensional drawing----- As per drawing.

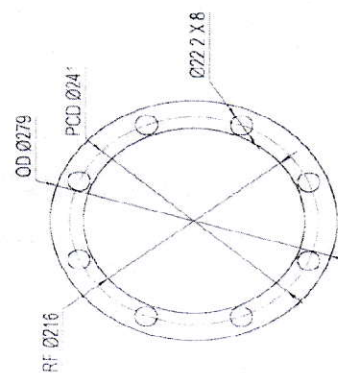
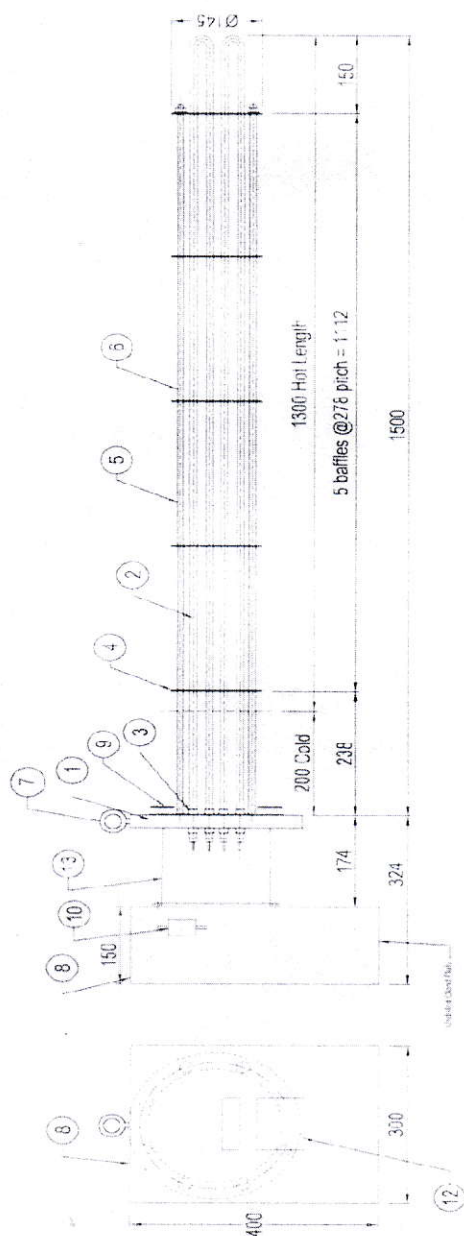
5) Heater Elements:-

- i) Overall size- Overall length- 1500 mm, unheated length -324 mm, U shaped
- ii) Nipple size and material---- Ss nipple with fiber, Washer & Brass check nut.
- iii) Material of heater element---- INCOLOY
- iv) Rating of each heater element—1667W
- v) Dimensional drawing of heater element---- To be furnished by the party.
- vi) Total number of heater elements at rated output considering the losses---09 nos.
- vii) KW output at rated condition considering the losses---- shall be specified.
- viii) Material of strip for interconnection of different heater element ---- Brass
- ix) Loading factor of heater element ----- Shall be specified.

6) Heater Terminal Box (for Cable Connection):

- i) Weather and dust proof.
- ii) Compression type cable gland suitable for PVC-A-PVC Aluminum conductor cable size
- iii) Heat insulation from terminal box to pressure shell ----- Compressed asbestos
- iv) Dimensional GA drawing shall be furnished.
- v) Two numbers of earthing arrangement details shall be provided.

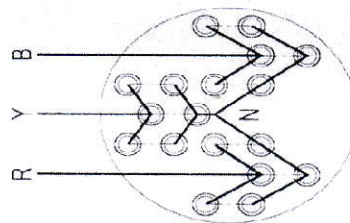
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HEATER FLANGE DIMENSION DETAIL

150 NB 150# as per ANSI B16.5

Flange thk. 25.4mm



ELECTRICAL CONNECTIONS DETAIL

Supply: 415V/3Ø/4wire AC Supply

No. of heating elements: 9 nos., 3 nos. in parallel per phase

STAR Distribution

Hydro. test Pressure	6.0 kg / cm ²	Hold time = 30 min
Design Pressure	3.0 kg / cm ²	
Operating Pressure	95 °C	
Design Temperature	70 °C	
Flow Rate	N.A. (for storage tank)	
Service	(U)	

PROCESS DESIGN DATA

[illegible]

BILL OF MATERIAL

Approved

20.6.14

[illegible]

TELELEC HEATING EQUIPMENT PVT. LTD.

8/17 Argand Forest Ind. Area, New Richmond Rd., N. Dells - 5

28762152, 65492217, 28761114 Fax: +91-11-28764375
E-mail: info@telelec.com Web: www.telelec.com

Drawn	By	Date	Title	15 W Electric Heater Bundle
Checked	By	28.06.12	Top M.	
Approved	By	28.06.12	Client	Harmanco Sales Int. Corp
Project No.	Material	Quantity	Unit	Comments
11.06.12	11.06.12	11.06.12	11.06.12	11.06.12

Annexure III

BID SECURITY DECLARATION

I, -----Son /Daughter of Shri -----
-----Proprietor/Partner/CEO/MD/Director/ Authorized Signatory of M/s. ---
-----am competent to sign this declaration and accepting
"BID SECURITY DECLARATION" In lieu of Bid Security.

I/ we/ am are well aware of the fact that withdrawing or modifying our bids during the period of validity etc, would lead to suspension of our tender for the time specified in the tender documents as per the office memorandum dated 12.11.2020 of Rule 170 of General Financial Rules (GFRs) 2017.

I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.

Signature of the Authorized Person

Date: -----

Full Name: -----

Place: -----

Company Seal: -----