

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED

(A GOVT. OF INDIA UNDERTAKING)

NAMRUP



Please reply to:

Deputy General Manager (MM)
BVFCL, Namrup
P.O. Parbatpur – 786 623
Dist. Dibrugarh (Assam), India.

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CIN No: U24123AS2002GOI006786 GST No: 18AABCB9399R1ZK

To,

M/s _____

NOTICE INVITING TENDER

- | | | |
|--------------------------|---|------------------------------------|
| 1. NIT NO | : | AN/2018/65CPP-211/042/VKT/Enq:0321 |
| 2. DATE OF ISSUE | : | 04.05.2018 |
| 3. TYPE OF BID | : | Two- Stage |
| 4. BID OPENING | : | 04.06.2018 |
| 5. EARNEST MONEY DEPOSIT | : | Rs.5,000.00 |

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

SL	DESCRIPTION	QUANTITY
1.	Conductivity Analyzer along with spare sensor for DM-III Plant	As per Annexure-A, B
2.	PH Analyzer along with spare sensor for DM-III Plant	
	Specification: As per Annexure- A and B. Note: 1. You shall supply complete set of service manual containing operational, programming and Installation Instructions. 2. You shall supply technical details along with quotations.	

SPECIAL TERMS & CONDITIONS.

- The bid will include / indicate the following.
 - The complete scope of supply conforming to the specifications stipulated above and in Annexure –A, B, I & II.
 - Basic Price, Packing & Forwarding charges, The applicable taxes and duties and any other applicable charges
 - The mode of transportation and charges thereon for delivery of the materials at Namrup, Assam.
 - Acceptance of terms of payment “within 30 days of receipt and acceptance of material at our site” as per Annexure – I.
 - Confirmation that the firm prices have been quoted.
 - Confirmation of the bid validity for 90 days from the bid opening date.
 - Confirmation of furnishing Guarantee for a period of 18 months from the date of supply or 12 months from the date of commissioning, whichever is earlier
 - Confirmation of furnishing Security Deposit cum Performance Bank Guarantee @ 10% of the order value valid for the entire guarantee period + delivery period + claim period of six months as per clause no. 16 of annexure I.
 - Your Tender/ quotation must be accompanied by Earnest Money Deposit of Rs 5000.00 in the form of Demand Draft / Bank pay order (available on our website) or NSIC Certificate under "Single Point" registration scheme in lieu of EMD.
 - If the EMD is submitted in the form of DD that may be drawn on any scheduled Bank in favour of Brahma Putra Valley Fertilizer Corporation Limited payable at Namrup.
 - Acceptance of all the terms and conditions of Annexure – I & II.
- Those parties who are not registered with BVFCL has to furnish the documents pertaining to eligibility criteria as per clause no. 19 of Annexure - I.
- (a) MSEs shall be given the benefits of issue of tender documents free of cost, exemption from submission of Earnest money deposit, price preference, etc. as per Govt. Guidelines.
(b) SC/ST owned MSEs enterprises shall submit relevant SC/ST certificates and registration should remain valid at the time of bidding.
(c) Condition of prior turnover & prior experience with respect to start-up and micro & small enterprises will be relaxed as per Govt. Policy circular No. 1(2) (1)/2016-MA Dtd. 10/03/2016 & F.20/2/2014-PPD (Pt) Dtd. 20/09/16 subject to meeting of Quality & technical specifications.
- 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
- Annexure- I & II

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

(V. K. Tamboli)
ASSTT. MATERIALS MANAGER

SPECIFICATION OF CONDUCTIVITY ANALYSERS

1.00 TRANSMITTER

- 1.01. Type : Microprosser based two-wire system.
- 1.02. Output : 4-20 mA DC.
- 1.03. Power Supply : 24 DC from panel indicator unit.
- 1.04. Enclosure : IP65.
- 1.05. Housing : Cast Aluminium case with chemical resistant coating.
- 1.06. Mounting location : Field mounted on 2" pipe.
- 1.07. Display Type : LCD, 3 ½ Digits with Alphanumeric characters.
- 1.08. Range : 0 to 100 μ S/cm (programmable).
- 1.09. Accuracy : ± 0.5 % of FS (better)
- 1.10. Temperature Compensation: To be provided for Temp. Range 0- 80°C.
- 1.11. Electrical Connection : ½" NPT.
- 1.12. Configuration : From Keypad.
- 1.13. Cable Gland & mounting accessories: To be provided.

2.00 CONDUCTIVITY CELL

- 2.01. Process Temperature/pressure/liquid: 10 °C to 80 °C/ 5 to 10 Kg/cm²/ polished water.
- 2.02 Measuring System : two Electrode systems.
- 2.03. Electrode Housing material: Stainless Steel, ANSI 316.
- 2.04. 'O' Ring for sealing : Silicon rubber.
- 2.06. Temperature element : Pt. resistor of 100 Ω at 0 °C.
- 2.07. Protection class : IP 65.
- 2.08. Inter connection cable : Co-axial cable of 5 meter length from cell to transmitter with push fit adapter.
- 2.09. Sensor holder cum flow Chamber: to be provided.
- 2.10. Process connection : ½" NPT (F).
- 2.11. Cell Constant : As tabulated below.

3.00 QUANTITY: As given below-

A : Conductivity Meter.

Sl. No.	Tag No	Conductivity Range	Cell Constant	Quantity
01	KIA-1	0 - 50 μ S/cm	0.1	02
02	KIA-4,5	0 - 5 μ S/cm	0.01	02

B : Conductivity Meter Cell

Sl.No	Item	Cell Constant	Quantity
i	Conductivity Cell for Sl. No. 01	0.1	01
ii	Conductivity Cell for Sl. No. 02	0.01	01

N.B. Party must supply complete set of service manual containing operational, programming and Installation Instructions.

SPECIFICATIONS OF pH ANALYZERS

1.0 TRANSMITTER

- 1.01 Type: Microprocessor based two wire system.
- 1.02 output: 4-20 mA DC
- 1.03 Power supply: 24 VDC.
- 1.04 Enclosures: IP5.5
- 1.05 Housing: cast aluminium case with chemical resistant coating.
- 1.06 Mounting location: field mounted on 2" dia post.
- 1.07 Display type: LCD, 3^{1/2} digits with alphanumeric character.
- 1.08 Range: 0-14 pH (programmable)
- 1.09 Accuracy : 0.5 % of FS (better)
- 1.10 Temp. Compensation: to be provided for temp. range 0-120 °C.
- 1.11 Electrical connection: 1/2" NPT
- 1.12 Configuration: from front key pad.
- 1.13 Cable Gland and mounting accessories: to be provided.
- 1.14 Max. ambient temperature and Humidity: 50 °C & RH 90 %

2.0 pH ELECTRODE SYSTEM:

- 2.01 Process Temp/ Pressure/Liquid: 20°C to 90°C/ 5 to 10 Kg/cm² / polished water.
- 2.02 Measuring system: combined pH Electrode.
- 2.03 'O' ring for sealing: Silicon rubber.
- 2.04 Connections: polyamide based gold plated pins and sockets.
- 2.05 Temp. Element: Pt resistor of 100 ohms at 0 °C.
- 2.06 Protection class: IP65
- 2.07 Inter connection Cable: co axial cable with 5 meter length from electrode housing to transmitter with push fit adapter.
- 2.08 Sensor Holder cum flow chamber: to be provided suitable for polished water.
- 2.09 Process connection : 1/2" NPT (F)
- 2.10 Water conductivity: <10 µS/cm.
- 2.11 Quantity required : 3 Nos (complete with accessories and combined electrode)

3.0 Spare electrode or sensor suitable for above pH analyzers

- 3.01 Quantity required: 1 No

N.B: (i) Parties must supply the complete set of service manuals containing operational programming and installation instructions.

(ii) Parties must supply technical details along with quotations.