

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP

(A Govt. of India Undertaking)

P. O. : Parbatpur (786 623). Dist. Dibrugarh, Assam

CIN- "U24123AS2002GOI006786"

ELECTRICAL DEPARTMENT

NOTICE INVITING TENDER

NIT No. : Namrup/ Elect./A-II/Estt-14/ 2017/1481

Date: 10/08/2017

Sealed quotations are hereby invited from experienced contractors for executing the following job.

Sl. No.	Name of the work	Earnest Money (Rs.)	Completion Time	Tender Paper Cost (Rs.)
1.	"PARTIAL DISCHARGE (PD) Survey :- On line PD measurement and mapping of 11 KV system at BVFCL". Estimated cost – Rs. 573300 (including GST@18%)	12900	14 days	200

Sealed tenders are invited for the above work (Scope of work is enclosed at Annexure-I) through DTDC Courier within the last date of receipt of quotation indicated below (at Sl.No.2). The job is to be carried out as per terms and conditions stipulated hereunder and in Annexure –I, II, III& IV.

1. Earnest Money Deposit and Tender Paper cost:- Rs. 12900 (Rupees twelve thousand nine hundred only) in the form of Demand Draft towards EMD and Rs 200 (Rupees Two hundred only) in the form of Demand Draft towards Tender Paper Cost (non-refundable) from State Bank Of India/United Commercial Bank/United Bank of India drawn in favour of BVFCLtd. Payable at Namrup, Draft charges shall be borne by the party.

OR

Tender paper cost and earnest money may also be deposited in BVFCL Bank Account in SBI through Challan that can be downloaded through BVFCL website. One Challan copy must be submitted along with the tender documents. Tender papers {NIT, Scope of work, Schedule of quantities (Format for Price Bid), Terms and Conditions of NIT} are to be down loaded from the web-site www.bvfcl.com and www.eprocure.gov.in. Tender paper cost and earnest money drawn in favour of BVFCL Namrup by DD / Banker cheque shall have to be submitted along with bid documents.

2. Last date of receipt of quotation : 31.08.2017 at 03.00 P.M.

3. Validity of offer : 90 (Ninety days from the scheduled date of opening of Techno-Commercial Bid)

4. Scheduled date of opening of Techno-Commercial Bid: 31.08.2017 at 03.30 P.M

5. The techno-commercial bid shall contain:

A) Earnest money deposit and Tender Paper cost

B) Work order copies of similar works carried out by the contractor in Fertilizers /Refineries /Petrochemicals/ continuous process plants (Preferably PSU) along with Job Completion certificate issued by the customer showing experience of having successfully completed similar works during last 7 years ending last day of month previous to one in which applications are invited either of the following:

- Three similar completed works consisting not less than the amount equal to 40% of the estimated cost.
- Two similar completed works consisting not less than the amount equal to 50% of the estimated cost.
- One similar completed works costing not less than the amount equal to 80% of the estimated cost.

C) Enquiry requesting quotation along with enclosures duly signed on each page by the contractor under official seal as a token of acceptance.

D) Deviations, if any, to our terms and conditions (to be submitted on letter head of the contractor duly signed on each page.

E) Contractor shall have to furnish self certified photocopies of the following documents:

i). Copy of PAN/TAN certificate issued by the concerned IT authority.

ii) Copy of GST certificate etc.

iii) A declaration in the form of affidavit/declaration that he/she is not a partner/proprietor of any other firm/ company participating in this tender of BVFCL.

6. The Price Bid shall contain:

Detailed break up of price as per the format in "Annexure III" shall be furnished. The price Bid shall contain the signature of the bidder with address, seal and date.

The techno-commercial Bid and the price bid are to be sealed in TWO SEPARATE ENVELOPS super scribing the name of the Bid on the top left corner of the envelope. These two envelopes are to be put in to a THIRD ENVELOPE, which shall again be sealed, super scribing on it the enquiry ref. No, Date, and scheduled date of opening of Techno- Commercial Bid.

Quotation shall be received in the office of the CHIEF ENGINEER (Elect.), BVFCL, Namrup, PO Parbatpur, Dist: Dibrugarh, Assam India, Pin:786623, on all working days during normal working hours. Quotation may be sent through DTDC courier who delivers posts at Namrup.

The Techno-Commercial Bid will be opened on due date and time in the chamber of the Chief Engineer (Elect.), BVFCL, Namrup, Post office: Parbatpur, Dist: Dibrugarh, Assam(India), Pin:786623, in the presence of the tenderer or their accredited representatives, who wish to present.

The price bid of only those parties, whose techno-commercial Bids are found to be in order and the terms & Conditions of the offer are acceptable to BVFCL, Namrup, will be opened. The date of opening of price Bid will be intimated in due course of time.

Note: 1) BVFCL, Namrup, shall in no way be responsible for any postal delay.

2) If the last date of receipt of quotation, scheduled date of opening of techno commercial Bid happen to fall on strike day/Holiday at Namrup, then the next working day will be counted.

3) BVFCL, Namrup reserves the right to cancel any or all quotations received, without assigning any reason thereof.

** The Tenderer shall visit the site and consult our site Engineer and then submit the quotations after detailed assessment of the work, if necessitated.

** *The tenderer shall abide by all the statutory obligations under various statutory acts and rules made there. Under any circumstances, BVFCL, shall not be liable or held responsible in any manner whatsoever, for default or omission on the part of the contractor(s) for non-compliance of the aforesaid Acts, any other laws applicable to contractors and/or their Establishment and workmen engaged by them.

*** BVFCL is committed to a corruption free work environment. All the works/purchases/services contracts and commitment of BVFCL will be honored without the citizen having to pay any bribe. In case any person demands any bribe, it is the duty of the responsible citizen to inform the matter to Vigilance Officer, BVFCL, Namrup PO Parbatpur, Dist Dibrugarh, Assam India, Pin:786623, (Tel No-03742507092/0374-2507167)

1. **REMARKS :**

- i) Tenderers shall visit the site and assess the job volume and risk factors and then submit the quotation to the office of the Chief Engineer, after detailed assessment.
- ii) Tenderers shall arrange temporary platform, scaffolding etc. and the tools and tackles required for the job.
- iii) Tenderers shall adopt every safety measure and shall provide safety gears to his people as required during the execution of the job.

2. **Location of job: BVFCL Electrical Substations, Transformers and HT Motors in the field.**

***Provisions of Rule 160(ii) of the General Financial Rules, 2005 will be complied.**

(P.Surendra Babu)
CE (E),

**Copy to: Dy. FM : For information and deputation of representative at the time of opening.
DGM (E)**

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP**ELECTRICAL DEPARTMENT****Schedule of quantities**

Ref NIT No.: Namrup/Elect./A-II/Estt-14/ 2017/1481

Date: 10-08-2017

Name of the work ““PARTIAL DISCHARGE (PD) Survey- On line PD measurement and mapping of 11 KV system (Cable terminations and Panels) at BVFCL”.

FORMAT FOR PRICE BID

SI No.	Description of work	Qty	Rate (Rs.)	Amount (Rs.)
01.	On line PD detection and assessment for cable termination using UHF technology for cable termination at 11 KV switch gear, HT Motor TB and Transformer TB	200		
02.	On line PD Detection and assessment of 11 KV SWGR Panels using UHF technology	100		
03	Mobilization charges: Transportation charges for test Instrument and staff, Insurance expenses for staff and Test Instrument	Per Visit		

TOTAL =**(Rupees****) only.**

Pls Tick whichever is applicable:

a) Including GST ()**b) Excluding GST ()****Signature of contractor with seal**

**ELECTRICAL DEPARTMENT.
TENDER FORM**

Annexure-II

Sl. No. : _____

Date of Issue: _____

Tender No. _____

dated: _____

Last date of submission: _____

at _____

P.M.

Name of Work : _____

Issued to (name and address of the party):

No. of Tender document issued: _____

Signature of issuing Officer

TO BE FILLED IN BY THE TENDERER

I/ We hereby tender for the execution for BVFCL, Namrup of the work schedule in under written memorandum within the time specified in such memorandum and at the rates specified therein and in all respect in accordance with instruction referred to in the NIT.

MEMORANDUM

1. General description of the work :

2. Earnest Money Rs. : _____

3. Time allotted for the work : _____ Days

4. The sum of Rs. _____ has been deposited vide _____ dated _____ with the finance manager in favour of BVFC Ltd. As earnest money, the full value of which to be absolutely forfeited to the BVFC Ltd. Or their successors or assignees are without prejudice to any other rights or remedies of the said corporation or their successors or assignees should I/We fail to commence the work specified in the above memorandum.

Enclosures:

1. Earnest money deposit receipt/Bank draft/deposit at call receipt as and if applicable.
2. Scope of work duly read and signed (Annexure-I)
3. Schedule of quantities duly filled in and signed (Format for Price Bid) (Annexure –III)
4. Terms and conditioned duly read and signed (annexure- IV)
5. Photocopy of the PAN card in own name.
6. Photocopy of Electrical Contractor License and Electrical Supervisor's certificate of Competency.
7. Photo copy fulfilling the conditions like GST etc. as applicable.
- 8.. Declaration in the form of affidavit / declaration that he /she is not proprietor of any other Firm /company participating in this tender.

Dated: _____

Signature of the Contractor

Address: _____

Witness: 1. _____

2. _____

Signature 1. _____

2. _____

Address of

Witness.

**BVFC LTD, NAMRUP
TERMS & CONDITIONS
OF
NOTICE INVITING TENDER**

1.00 INSTRUCTION FOR TENDERERS

- 1.01 The tenderer (s) should carefully read and understand all the tender documents before completing the required formalities and quoting the rates etc.
- 1.02 The tender documents completed in all respects and duly signed by the contractor should be sealed in a cover super scribing the tender No. name of the work and date of opening and address to the concerned officer along with the name and address of contractor.
- 1.03 The above cover containing all tender documents should be submitted in the respective office to reach the concerned office well in specific time.
- 1.04 The rates of items should be indicated in words as well as in figures and any cutting should be duly signed otherwise tender will be rejected. Overwriting in tender form will lead to its rejection.

2.00 TERMS & CONDITIONS

- 2.01 The scope of work shall include deputation of experienced and trained Engineers along with required test instruments to perform electrical tests on electrical equipments at BVFCL located at Namrup IN Dibrugarh District, Assam.
- 2.02 The contractors have to abide by all the terms and conditions mentioned here in respect of carrying out the job, payments, settlement of disputes etc. The tender should be carefully read and the clauses to be understood before filing up the tender documents.
- 2.03 The contractor should visit the site and acquaint himself with the site conditions etc. before submitting the tender.
- 2.04 All works are to be done under the strict supervision of the contractor to the entire satisfaction of the Engineer – in – charge / site in charge.

3.00 EARNEST MONEY

- 3.01 The tenderer shall deposit the Earnest money in cash or deposit at call receipt of any bank or demand draft drawn on the SBI, Namrup in favour of BVFC LTD., Namrup, and attach receipt thereof with the tender. Earnest money shall not be accepted in any form other than these specified above and the tender not accompanied by Earnest money in the proper form may not be considered. No interest will be payable on the Earnest Money deposit under the contract.

4.00 CONTRACT LABOUR ACTS ETC.

- 4.01 The tenderer shall abide by all the provisions of Contract Labour Acts. and Rules issued by the Government and applicable to them. In case the tenderer fail to do so, this Corporation shall have the right to deduct from tenderer's bill, the expenses which are to be incurred in connection with any claim from any party including the labour engaged by the tenderer.
- 4.02 The contractor has to maintain a Register of his labourers with the particulars shown in the proforma to be supplied for implementation of the provisions of contract labour (Regulation and Abolition) act.1970.

- 4.03 The contractor shall make the payments of wages regularly to the labourers engaged by him in presence of a authorized representative appointed by BVFC Ltd. as per contract Labour Act.1970 and the minimum wages should be paid according to the circulars / directives issued by Central / State Govt. from time to time.

5.00 COMPENSATION

- 5.01 The contractor shall have to make an ex–gratia payment of Rs. 1000/- (Rupees one thousand) only to the dependants of labourer in the event of the labour's death occurring while on duty. This payment will be made by the BVFC Ltd. Immediately and will be recovered from the bills of contractor.

6.00 TOOLS & ACCOMODATION

- 6.01 The contractor shall make his own arrangements for providing accommodation, tools tackles etc. for his staff. Such facilities will not be provided by BVFCL.

7.00 SAFETY MEASURES

- 7.01 The contractor have to provide all necessary safety tools / equipments / accessories to his staff working at site as required under safety regulation of the factory.
- 7.02 Injuries or accidents to the contractor labour shall be taken care by contractor at his own cost and risk and shall comply with all Safety Rules and health regulations.
- 7.03 The contractor has to obtain safety permit from competent authority for working in hazardous conditions and all safety rules should be followed strictly.

8.00 MEDICAL FACILITIES

- 8.01 No medical facilities will be provided free of cost except First Aid to the contractor's labourers.

9.00 PAYMENT TERMS

- 9.01 90 % payment shall be made after successful completion of the work
- 9.02 Any taxes if applicable shall be deducted from bill as per prevailing rates by the Finance department.

10.00 DECLARATION OF TENDERER

- 10.01 I / We declare that I / we have read the above instructions /terms and conditions etc. and well understood and are in agreement with the above.

Signature of the Tenderer

ANNEXURE I
SCOPE OF WORK:

PD Detection and assessment for Cable termination switchgear , Transformer, HT motor TB end

1. Partial Discharge detection in cable termination should be carried out by wide band UHF PD technique by online method.
2. The test should be performed in wide band frequency selective UHF spectrum analysis of freq upto 1GHz or above with RBW of 1MHz. Test kit should be of portable type and offer high sensitivity UHF signal on LIVE cable termination.
3. A UHF sensor should be temporarily installed on to the cable termination for measurement and same should be removed safely after measurement is complete.
4. Measurement in UHF bandwidth from each termination should be analyzed for UHF spectrum of upto 1GHz in order to identity the type of defect like corona, surface discharges, micro-sparking activity etc based on PD pulse characteristics. A detailed test report with UHF spectrum should be submitted for each panel.
5. Test kit should use dedicated UHF sensor which can be placed on energized cable or in those cases where termination is inaccessible a special purpose antennae with UHF signal output of 1GHz range may be used.
6. The UHF test instrumentations should be able to discriminate the external UHF interference from the internal PD activity in cable terminations.
7. Detailed test report to be submitted along with assessment of data with comments and recommendations.

PD detection and assessment of HT switchgear panels (11 kv Switch gear Panels)

8. Partial Discharge detection in 11 KV switchgear panels should be carried out by wide band UHF PD technique while 11 KV switchgear is in service.
9. The test should be performed in wide band frequency selective UHF spectrum analysis of freq upto 1GHz or above with RBW of 1MHz. Test kit should be of portable type and offer high sensitivity UHF signal from switchgears without opening of doors of LIVE terminals.
10. UHF spectrum analysis of each measurement should be done in order to identity the type of defect like corona, surface discharges, micro-sparking activity etc based on PD pulse characteristics. A detailed test report with UHF spectrum should be submitted for each panel.
11. Test kit should use portable antennae or dedicated UHF sensor which can be placed on each panel compartment with UHF signal output of 1GHz range. Tests performed should be effective in identifying the abnormal discharges in a particular panel of MV Switchboard.
12. The UHF test instrumentations should be able to discriminate the external UHF interference from the internal PD activity in switchgear.
13. Detailed test report to be submitted along with assessment of data with comments and recommendations

NOTE:- VENDOR MUST PROVIDE TEST KIT MAKE AND MODEL NUMBER (BVFCL prefer Dobol / OHV Diagnostic /Rhode and Schwarz / Scope T&M make instruments only)