

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
(A GOVT. OF INDIA UNDERTAKING)
Corporate Identity no. of BVFCL is U24123AS2002GOI006786
P.O. Parbatpur- 786623, Dist. Dibrugarh, Assam
MECHANICAL DEPARTMENT, UREA-II
NOTICE INVITING TENDER

Tender Notice No.: Mech/U-II/16/Cont-136/2494

Date: - 03/08/2016

Sealed tenders are hereby invited on inch dia/ inch meter/lump sum basis from experienced and approved contractors for the following work(s) in Brahmaputra Valley Fertilizer Corporation Limited, Namrup.

Sl. No.	Name of the work	Earnest Money (₹)	Completion time days/ weeks
01	Re-white metalling & re-chrome plating of 4 th stage piston and re-white metaling of 2 nd stage & 3 rd stage pistons of CO2 compressor of Urea-II plant.	13370.00	12 weeks

NIT issued to following parties on Limited Tender basis :

1. M/S Hoerbiger India pvt. Ltd., Pune
2. M/S Premier Engineering co., Chandigarh
3. M/S Esdee Electromill pvt. Ltd., Kolkata

Contractor means the experienced/ licensed/ approved and contractor who are registered with Govt. Dept. for respective jobs of Mechanical Engineering. The contractor must have experience in similar nature of job from any Govt. / Semi-Govt. organization.

Tender papers/ documents can be obtained during working hours on production of documentary evidence of previous experience in the line and financial resourcefulness from the following office

Tender papers/documents can also be downloaded from BVFCL website www.bvfcl.com / www.eprocure.gov.in Tenderer should submit along with required Earnest Money by way of A/C Payee Demand Draft drawn in favour of Brahmaputra Valley Fertilizer Corporation Ltd., Namrup and payable at State Bank of India, Namrup Branch (Branch Code: 0223)

OFFICE OF THE CHIEF ENGINEER (MECHANICAL)

- | | |
|--|------------------------|
| 1. Closing date of sale of Tender Paper | 23-08-2016 at 04:00 PM |
| 2. Last date of submission of Tender Paper | 24-08-2016 at 03:00 PM |
| 3. Opening date of tender | 24-08-2016 at 03:30 PM |

The tender will be opened on the above scheduled date and time in presence of the Tenderer or their authorized representative who may like to be present BVFCL, Namrup will neither be responsible nor consider the late submitted tenders.

Bidder may if they so wish ask about the bidding conditions, bidding process and/ or rejection of the bid.

Signature.....
Name: P K Banik
Designation: C.E. (M)
N-II

To :
All Notice Board, BVFCL & Govt. Website:
Copy to: 1) DFM (Finance):- Kindly depute your representative on 24-08-2016 at 03:30 PM for opening tender.
2) Vigilance Officer
3) D.C., CISF, Namrup

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
TENDER FORM

Sl. No..... NOT TRANSFERABLE
Date of issue.....

Tender Notice No.: Mech/U-II/16/Cont-136/2494 Date: - 03/08/2016
Last date of submission 24-08-2016 at 03:00 PM
Name of work: Re-white metalling & re-chrome plating of 4th stage piston and re-white metaling of 2nd stage & 3rd stage pistons of CO2 compressor of Urea-II plant.

Issue to (Name & Address of the party)

No. of tender documents
Issued.....

Signature of Issuing Officer
Dept.....

TO BE FILLED IN BY THE TENDERER

I/ we hereby tender for the execution for the BVFCL, Namrup of the work scheduled in underwritten memorandum within the time specified in such memorandum and at the rates specified therein & in all respect in accordance with the specification, designs, drawing and instructions referred to in the NIT conditions "THE GENERAL DIRECTIONS AND CONDITIONS" of contract and in all other respects in accordance with such conditions and special; conditions so far as applicable.

MEMORANDUM

1. General Description of the work: Re-white metalling & re-chrome plating of 4th stage piston and re-white metaling of 2nd stage & 3rd stage pistons of CO2 compressor of Urea-II plant.
2. Earnest Money:- ` 13370.00 (Rupees thirteen thousand three hundred seventy) only by way of A/C Payee Demand Draft drawn in favour of Brahmaputra Valley Fertilizer Corporation Ltd., Namrup and payable at State Bank of India, Namrup Branch (Branch Code: 0223)
Tenders received without EMD are likely to be rejected.

3. Place of Receipt & Opening of Tenders : Office of the –
Chief Engineer (Mech)
Namrup-II
B.V.F.C. Ltd., Namrup
P. O. – Parbatpur-786623
Dist.- Dibrugarh(Assam)

4. Time allowed for the work: 12 weeks
5. Should this tender be accepted, I/We hereby agree to abide by and fulfill all the terms and provisions and conditions contained in NIT, GDCC and the special; conditions which have been read and understand by me/ us so far as applicable or in default thereof to forfeit and pay to the corporation or their successors or assignees, the sum of money mentioned in the said conditions.
6. The sum of ` has been deposited vide..... dtd..... with the Finance Manager in favor BVFCL, Namrup as earnest money, the full value of which to be absolutely forfeited to the BVFCL, on their successors or assignees 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.

Contd.....2/-

:2:

ENCLOSURES:

1. Earnest money through Payment Challan.
2. Scheduled of Quantity & Performa for Quoting Price (Annexure- III)
3. Scope of work duly read and signed on every page (Annexure- III A)
4. Service Tax Registration Certificate & VAT.
5. PAN Card.

Dated.....

Signature of the contractor
Name & Address of Contractor

.....
.....

Witness i)

Signature 1.....

& address.....

of witness.....

ii)

2.....

.....

.....

NO. Mech/U-II/16/Cont-136/2494

Date: - 03/08/2016

Sub: Re-white metalling & re-chrome plating of 4th stage piston and re-white metaling of 2nd stage & 3rd stage pistons of CO2 compressor of Urea-II plant.

SCHEDULE OF WORK, QUANTITY AND RATE

Sl.	Description	Quantity(nos.)	Rate (`)	Amount (`)
1.	Re-white metalling of 2 nd stage piston (629.5 mm piston OD padding width 140 mm, depth 10 mm appr.)	01		
2	Re-white metalling of 3 rd stage piston (329.6 mm piston OD padding width 85 mm, depth 10 mm appr.)	01		
3	Re-white metalling of 4 th stage piston (161.8 mm piston OD padding width 70 mm, depth 10 mm appr.)	01		
4	Hard chrome plating of 4 th stage piston rod (dia 102 mm x coating length 1050 mm approx.)	01		
	Sub total			
	Service tax @ 15%			
	Packing & forwarding charges, if any			
	Total Amount			

(.....) only

Signature.....

Name and Address of Contractor

.....

Pan No.....

Date :

Place :

NO. Mech/U-II/16/Cont-136/2494

Date: - 03/08/2016

SCOPE OF WORK

Sub: Re-white metalling & re-chrome plating of 4th stage piston and re-white metaling of 2nd stage & 3rd stage pistons of CO2 compressor of Urea-II plant.

1.0 Equipment Details

Pistons of CO2 compressor of Urea-II plant.

make: M/s. Termomeccanica, Italy.

Handling CO2 gas with working temp. 160⁰C-170⁰C and pressure 220 kg/cm2.

2.0 SCOPE OF WORK:

If specifically not mentioned herein after or not mentioned anywhere else, the scope of work shall include but shall not be limited to the following for completion of entire job

Scope of work for white metaling

- 1.00 Cleaning & de-greasing of the area to be coated.
- 2.00 Machining of area to be coated for removal of previous coating and formation of threads for better adhesion of coating
- 3.00 Surface preparation to make surface conductive for coating deposition
- 4.00 Deposition of coating by flame spray method in repeated passes till desired thickness is achieved, machining to achieve desired size and finish.
- 5.00 Final inspection and packing.
- 6.00 Final dimensions of the pistons should be maintained as follows
2nd stage piston - 629.5 mm piston OD, padding width 140 mm, depth 10 mm apprx.
3rd stage piston - 329.6 mm piston OD, padding width 85 mm, depth 10 mm apprx.
4th stage piston - 161.8 mm piston OD padding width 70 mm, depth 10 mm apprx.

Scope of work for hard chrome plating (only 4th stage piston)

- 7.00 Earlier plating/coating on the piston rod to be removed by de chroming/grinding
- 8.00 Piston rod to be polished / buffed to remove any oxide scale, dirt etc. which may be present on the surface to be plated.
- 9.00 Degreasing to be done to remove organic impurities, buffing compound etc from the surface by using trichloroethylene, acetone etc.
- 10.00 Alkaline soak cleaning to be done to remove all the remaining impurities completely from the surface by using typically sodium hydroxide (30hms/ltr) or sodium carbonate (30gms/ltr) at temperatures around 60-65 degrees for 05 minutes.
- 11.00 The rods are then dipped into acid to remove traceoxide and to activate surface for plating.
- 12.00 The rods are then immersed into chrome acid solution and reversed itched for 45 seconds and after that transferred the material to hard chrome plating bath.
- 13.00 At the end of plating cycles, the rods to be inspected for dimensions, coating thickness, defects etc.
- 14.00 Piston rod to be cleaned thoroughly and applied with proper antirust coating.
- 15.00 Final grinding or buffing.
- 16.00 Hardness shall be around 65-68 HRC
- 17.00 Following tests has to be carried out and reports to be submitted.
 (i) Final dimensional report (ii) Piston rod run out measurement report
 (iii) Ultrasonic flaw detection test report.
- 18.00 Final dimensions of the piston should be maintained as follows
4th stage piston - dia 102 mm x coating length 1050 mm approx.
- 19.00 All good Engineering procedures shall be followed till completion of above jobs.

3.00 Special terms & conditions:

- 3.01 The party shall start the job immediately after receiving the pistons at their works.
- 3.02 The job shall be executed with the highest level of skill and care, workmanship, diligence and efficiency in accordance with good engineering practice.

4.00 Other Terms & Conditions.

- 4.01 In all cases of disputes, the decision of this company shall be final. Failing this, the matter will be referred to the Arbitration in accordance with the Indian Arbitration and Conciliation Act 1996 and amendment thereof.
- 4.02 The contract shall be deemed to have been entered into at Namrup and all courses of action in relation to the contract will, therefore, be deemed to have been within the jurisdiction of Dibrugarh Court of Dibrugarh district in state of Assam

5.00 Completion Time:

- 5.01 The completion time for the job shall be 12 (twelve) weeks from the date of receipt of the pistons at the tenderer works/service centre.

6.00 Payment Terms:

Subject to deduction as admissible as per rule payment will be released as follows:

- i) 90% of the value of completed job will be released on successful completion of the work duly certified by BVFCL engineer.
- ii) Balance 10% shall be retained as Security Deposit unless a Bank Guarantee from a schedule bank is executed in lieu of that for the equivalent sum. SD will be released after expiry of workmanship guarantee of 6 (Six) months to be valid from the date of completion of jobs.
- iii) All other statutory deductions will be made as per BVFCL rules.
- iv) Payment will be made through RTGS/NEFT. The party shall provide their account details.

7.00 Transportation & Insurance:

BVFCL shall arrange to & fro transportation and insurance. However, careful handling of the pistons at the party's works shall be tenderers responsibility.

8.00 The tenderer shall be responsible for compliance of central rules, statutory rules and other regulation as applicable.

9.00 DOCUMENT:

- 9.01 Following document shall be furnished along with dispatch document.
 - a) Final dimensional report
 - b) Piston rod run out measurement report
 - c) Ultrasonic flaw detection test report.

10.00 Guarantee:

The job will be guaranteed against poor quality of material/workmanship for a period of 6 (Six) months from the date of completion of the job. In case of any defects, the same will be rectified free of cost. A certificate to this effect will be furnished by the tenderer.

11.00 Inspection and Packaging & forwarding:

- 10.01 Final inspection & acceptance will be at BVFCL site on receipt of material.
- 10.02 Material(s) ready for dispatch shall be packaged adequately to avert any damage during transit and arrange the same for forwarding to our authorized transporter only.

12.00 **Validity of Contract**

12.01 The contract shall be valid for a period of one year from the date of award of work order.

13.00 **Force Majeure:**

In the event of either of the parties being rendered unable, wholly or in part, by force majeure to carry out its obligation under the contract such party shall give notice with full particulars of such force majeure in writing or by Fax / Telegram to the other party as soon as possible after occurrence of the cause relied on. The obligation of the party giving such notice, so far as they are affected by such force majeure, shall be suspended during the continuance of any liability so caused but for no longer and such causes as are capable of remedied shall as far as possible be remedied with all reasonable dispatch, provided the same is not inadvisable for the party having difficulty

Thanking you,

For Brahmaputra Valley Fertilizer Corporation Limited, Namrup

(P K Banik)
Chief Engineer (Mech), N-II

E-mail: pkbanik@bvfc.co.in