

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
(A GOVT. OF INDIA UNDERTAKING)
P.O. Parbatpur- 786623, Dist. Dibrugarh, Assam
MECHANICAL DEPARTMENT, AMMONIA-II
NOTICE INVITING TENDER

Tender Notice No.: NAM/AMM-II/M/CONT-1030/533

Date: - 09-09-2019

Sealed tenders are hereby invited on item rate/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/ months	Tender Paper Cost (₹)
01	Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.	1670.00	07 (Seven) days	100.00

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 from the office of P.E. (M), AMM-II and on the payment of the tender paper.

Tender papers/documents can also be downloaded from BVFCL website www.bvfcl.com.

The tender should be submit along with required tender paper cost & Earnest Money in the form of Payment Challan issued by BVFCL, Namrup & payable at S.B.I., Namrup

- Closing date of sale of Tender Paper 14-09-2019 at 04:00 PM
- Last date of submission of Tender Paper 16-09-2019 at 03:00 PM
- Opening date of tender 16-09-2019 at 03:30 PM
- Venue: Office of P.E. (M), AMM-II
- 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.
- BVFCL is committed to a corruption free environment, "All the works contract, 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 responsible citizen to inform the matter to Vigilance Office, BVFCL Namrup, Assam (Tel. No. 0374-2507092 / 0374-2507167).

Signature.....
Name: Biplov Chutia
Designation: P.E. (M), AMM-II

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
TENDER FORM

Sl. No.....

Tender Notice No.: NAM/AMM-II/M/CONT-1030/533 Date: - 09-09-2019

Last date of submission 16-09-2019 at 03:00 PM

Name of work: Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.

NOT TRANSFERABLE

Date of issue.....

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: Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.
2. Earnest Money:- ₹ 1670.00 (Rupees One Thousand Six Hundred Seventy) only.
3. **Exemption from paying tender fees and Earnest Money Deposit:**
With reference to the Order of the Ministry of MSME, under the Public Procurement Policy March 2012, Micro and Small Enterprises (MSE) shall be entitled for EMD exemption subject to conditions as under:
MSE bidders must submit valid registration certificates from any of the following (or any other body specified by the Ministry of MSME) for exemption of EMD as applicable:
 - National Small Industries Corporation (NSIC)
 - District Industries Centres (DIC)
 - Coir Board
 - Khadi and Village Industries Commission(KVIC)
 - Khadi and Village Industries Board(KVIB)
 - Directorate of Handicrafts and Handloom
 - Udyog Aadhar Memorandum.
4. Time allowed for the work: 07 (Seven) days
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.

Contd.....2/-

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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.

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. Special terms & conditions duly read and signed (Annexure- IV)
5. Goods & Service Tax Registration Certificate, if applicable.
6. PAN Card.

Dated.....

Signature of the contractor
Name & Address of Contractor

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.....

Witness i)

Signature 1.....

& address.....

of witness.....

ii)

2.....

.....
.....

No. NAM/AMM-II/M/CONT-1030/533

Date: - 09-09-2019

Sub: Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxilliary Boiler of AMM-II Plant.

SCHEDULED OF QUANTITY & PROFORMA FOR QUOTING PRICE

A) Identification and rectification of tube leakage in Service Boiler no.1 of SGP-II plant

Sl. No	Description	Unit	Qty	Rate (₹)	Amount (₹)
03	Identification of leaky tubes	Mandays	03		
04	Cutting of C.S. Tube (2 nos. x 2.5"dia & 2 nos. x 2"dia)	Inchdia	9		
05	Welding (TIG) of C.S. Tube 4 nos. x 2.5"dia & 5 nos. x 2"dia)	Inchdia	20		
06	Scaffolding (3 m x 3 m x 5 m approx.)	m ³	45		
07	Opening & boxing up of Manhole cover (03 nos. x 10"dia)	Inchdia	30		
09	Opening & boxing up of flange (3"dia x 03 nos.)	Inchdia	12		
10	Opening & boxing up of flange (2"dia x 02 nos.)	Inchdia	04		
11	Removal & application of bricks refractory (500 x 700 mm for 3 manholes), refractory lining with castable, Insulyte 11 Liz and insulation	L/S	L/S	L/S	
Sub Total					

B) Rectification of body leakages and replacement of defective isolation valves at various locations of Service Boiler, Aux. Boiler and Syn. Gas Boiler of AMM-II plant

Sl. No.	Description of Work	Unit	Quantity	Rate (₹)	Amount (₹)
1.	Cutting of CS Pipe line	Inchdia	52		
2.	Arc Welding of CS Pipe line	Inchdia	45		
3.	Welding (TIG) of C.S. Pipe	Inchdia	6		
4.	TIG Welding of S.S. Pipe line	Inchdia	3		
5.	Pipeline & valve erection, piping support and handling charges	L/S	L/S	L/S	
Sub Total					

C) Installation of 8" butterfly valve in Flue gas bypass line in FG Boiler

Sl. No.	Description of Work	Unit	Quantity	Rate (₹)	Amount (₹)
1.	Opening and box-up of flanges of (size: 12" x 3nos.)	Inchdia	36		
1.	Cutting of MS Plate (6 mm thick)	Linear Inch	210		
2.	Arc Welding of MS Plate (6 mm thick)	Linear Inch	150		
5.	Pipeline & valve erection, piping support and handling charges	L/S	L/S	L/S	
Sub Total					

D) Installation of 4" NRV in BFW transfer line from A-II to Aux. Boiler along with a 2" equalizer valve:

Sl. No.	Description of Work	Unit	Quantity	Rate (₹)	Amount (₹)
1.	Cutting of CS Pipe line	Inchdia	30		
2	Welding (TIG) of C.S. Pipe	Inchdia	24		
3.	Dye-Penetrant test	mtr.	01		
4.	Radiographic Test of welding joints	Inchdia	24		
3.	Pipeline & valve erection, piping support and handling charges	L/S	L/S	L/S	
Sub Total					

Total Cost A + B + C + D					
Add CGST @9% on					
Add SGST @9% on					
Grand Total					

(.....) only

Signature.....

Name and Address of Contractor

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Pan No.....

Date :

Place :

SCOPE OF WORK

Sub: Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.

The scope of work shall include but not limited to the following:

- A) Identification and rectification of tube leakage in Service Boiler no.1 of SGP-II plant:
- 1.00 Opening of drain line flange for draining of water (2" x 02 nos.).
 - 2.00 Providing blind at Burner Flange before starting the job.
 - 3.00 Opening of required necessary flanges of sizes 3"dia x 03 nos.
 - 4.00 Opening of 03 nos. of manhole covers at Economizer, Furnace and Super heater zone.
 - 5.00 Cutting of casing plate near Furnace and Super heater zone of sizes approx. 1000 mm x 500 mm, 300 mm x 700 mm & 800 mm x 500 mm.
 - 6.00 Removal of insulation.
 - 7.00 Making arrangement for provision of scaffolding upto a height of 5 m approx.
 - 8.00 Identification of leaky tubes inside Economizer, Furnace and Super heater zone.
 - 9.00 Cutting/Grinding of leaky positions and preparation for welding.
 - 10.00 Plugging (if necessary) & welding of leaky tubes.
 - 11.00 Rectification of leakage by TIG welding.
 - 12.00 Rectification of damaged refractory lining (approx. 3m in length) inside Furnace by application of new refractory lining, Insulyte 11 Li-Z.
 - 13.00 Dismantling of scaffolding.
 - 14.00 Application of insulation & welding of casing plate.
 - 15.00 Removal of blind from Burner flange.
 - 16.00 Box-up of necessary flanges of sizes 3"dia x 03 nos.
 - 17.00 Box-up of drain line flange for draining of water (2" x 02 nos.).
 - 18.00 Box-up of manhole covers (03 nos.) after placing bricks & refractory.
 - 19.00 Site clearance after completion of job.
- B) Rectification of body leakages and replacement of defective isolation valves at various locations of Service Boiler, Aux. Boiler and Syn. Gas Boiler of AMM-II plant:
- 1.00 CBD common drain line body leakage at two locations to be rectified. (½ ").
 - 2.00 MP Header drain pot inlet line body leakage to be rectified. (1").
 - 3.00 Drum air vent isolation valves to be replaced . (1/2 ").
 - 4.00 Sample point isolation valves (1/2"x 2 nos.) in Service Boiler no. 2 to be replaced.
 - 5.00 Panel drain isolation valve replaced. (3/4").
 - 6.00 Superheater drain 1st isolation valve to be replaced (¾") in Aux. Boiler
 - 7.00 Drum air vent isolation valves to be replaced (¾" x 3 nos.) in Aux. Boiler
 - 8.00 Steam to Deaerator drain isolation valve to be replaced in Aux. Boiler (1").
 - 9.00 Bend to be replaced in Aux. Boiler. (1.5").
 - 10.00 Syn. Gas Boiler defective isolation vales to be replaced (1 "x 3nos.) involves TIG welding.
 - 11.00 LP seal oil pump NRV to be replaced (1.5" SS) involves TIG welding.

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C) Installation of 8" butterfly valve in Flue gas bypass line from economizer to duct in Flue Gas Boiler:

- 1.00 Arrangement for scaffolding at required location (approx. height 05 mtrs.).
- 2.00 Shifting of 8" butterfly valve from store to site.
- 3.00 Opening of flanges (12" x 3nos.) and dismantling of bypass line.
- 4.00 Cutting of MS plate of 6mm thickness (size: 450mm x 400mm x 2 nos.) for fabrication of box-type flange for installation of butterfly valve.
- 5.00 Making hole of 8" dia. on MS plates.
- 6.00 Welding of MS plates (size: 450mm x 400mm x 2 nos.) for installation of butterfly valve.
- 7.00 Box-up of bypass line flanges and butterfly valve.
- 8.00 Providing support by channel welding at required locations.
- 9.00 Site clearance after job.

D) Installation of 4" NRV in BFW transfer line from A-II to Aux. Boiler along with a 2" equalizer valve:

- 1.00 Removal of insulation from BFW transfer line at the location where valve is to be installed.
- 2.00 Installation of 4" Non return valve at the BFW transfer line by TIG welding.
- 3.00 Punching of 4" BFW transfer line at two points for providing an equalizer valve of size 2".
- 4.00 Installation of 2" equalizer valve using pipes and bends of 2" dia.
- 5.00 Providing support to the NRV and equalizer valve by channel welding.
- 6.00 Dye Penetrant testing of all the fabricated lines at the roots of welding joint.
- 7.00 Radiographic Test of all the welding joints.
- 8.00 Site clearance after completion of job.

(Biplov Chutia)
P.E. (M), AMM-II

SPECIAL CONDITION RELATED TO THE WORK

Sub: Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.

- 1) Tenderer must submit documentary evidence of PAN.
- 2) Tenderer must furnish Goods & Service Tax Registration with the tender, if applicable.
- 3) Experience in execution of Mechanical work of similar nature of job from any Govt./Semi Govt. organization must be produced.

a) Three similar completed works each costing not less than the amount equal 40% of the estimated cost.

Or

b) Two similar completed works each costing not less than the amount equal 50% of the estimated cost.

Or

c) One similar completed work each costing not less than the amount equal 80% of the estimated cost.

- 4) The tenderer must pay their workmen the minimum wages & facilities as per latest circular of Central Govt.

- 5) The Tenderer shall have to make an exgratia payment of ` 1000.00 (` One Thousand) only to the dependents of labour in the event of the labour's death occurring while on duty. The payment will be made by BVFCL immediately & will be recovered from the Contractor's bill.

- 6) Validity of Tender:

The tender should remain valid for a period of 180 (One Hundred Eighty) days from the date of opening of tender.

Above documents shall have to be submitted along with the application of Tender paper or with the tender. In absence of any of the above, the Tender is liable to be cancelled.

- B) Brief description of the scope of work and responsibilities:

- 1) Rectification of tube leakage in economizer zone of Service Boiler No. 1 and miscellaneous jobs in FGB, SGB and Auxiliary Boiler of AMM-II Plant.

- 2) The tenderer shall be ready to engage his personnel on short information. Therefore, tenderer or his representative should be always in touch with the maintenance activities Engineer-In-Charge of BVFCL.

- 3) Before starting the work the tenderer has to obtain the necessary job clearance form the Engineer-In-Charge.

- 4) Necessary safety work permit shall be available from the Engineer-In-Charge and the same shall be got extended at every shift change regularly.

- 5) All safety measures, skilled & unskilled manpower, TIG welders, Grinder, Cutter, Welding machine, grinding machine required for the job are to be arranged by contractor. All tools & tackles, consumables like electrodes, grinding wheel, cutting wheel, oxy-acetylene gas & scaffolding material required for the job are to be arranged by contractor.

- 6) The job shall be started immediately (within a day) on LOI/written order. After completion of job the site shall be cleaned and remove all debris properly.

- 7) Before submission of the bid the tenderer shall visit the plant to understand the job thoroughly.

1.00 BVFCL SCOPE:

Water, Air & Electricity required for execution of the job shall be supplied by BVFCL as free of cost.

2.00 COMPLETION TIME:

The subject job shall be completed within 07 (Seven) days after getting site clearance and safety work permit.

3.00 CLEANING OF SITE:

The tenderer shall clean the site by removing all the debris/ dismantled items by transporting the same to the dumping yard within factory premises at his own cost and risk.

4.00 Security Deposit-Cum-Performance/Workmanship Guarantee: For due and faithful execution and performance of the contract the contractor shall provide the Owner with financial guarantee in the form of a Bank Guarantee, issued by any Nationalized Bank, for sum equivalent to 10% of the total contract value within a period of 30 days of placement of work order. The Bank Guarantee so executed shall be valid till the expiry of defect liability period with provision of claim period of up to 06 months. **No interest shall be paid on E.M.D. and S.D.**

5.00 Terms of Payment:

- 5.01 100% of value against the successfully completed jobs as per scope of work will be released within 30 days after duly certified by Engineer-In-Charge. **However, 100% payment is subject to fulfillment of Security Deposit-Cum-performance/Workmanship Guarantee as in noting at clause no 5.00.** In case the party does not submit Security Deposit-Cum-Performance/Workmanship Guarantee as stated above, 90% value of the completed work will be released. The balance 10% shall be retained as Security Deposit which will be released after successful completion of the guarantee period of 180 days.
- 5.02 Clarification on the bills, if any, will be sought within 15 days from the date of receipt of the bill in one go. The party shall submit the sought clarifications within 15 days.
- 5.03 In case of any disagreement between contractor and BVFCL on any part of the invoice, such part of the invoice will be severed from the rest and payment against agreed admissible part will be processed as per laid down procedure, while the disputed part shall be dealt as per contract provisions.
- 5.04 All the statutory taxes and duties shall be applicable as per rule at usual and prevailing rates. Income Tax however shall be deducted from bills.
- 5.05 The contractor may submit their bank particulars i.e. Customers Name, Name of the Bank, Bank Account No, Place of branch, Branch Code (IFSC CODE-11 digits) etc. for online bank transfer of payment.

6.00 MEASUREMENT:

Payment to be released as per joint measurement taken by contractor and BVFCL engineer and duly certified for actual quantity of work executed and at the rates quoted by you and accepted by BVFCL.

7.00 TAXES:

- 7.01 Income Tax at the prevailing rate shall be deducted from the party's bill.
- 7.02 Statutory deductions, if applicable as per BVFCL rules will also be recovered from the contractor's bill.
- 7.03 Goods & Service Tax shall be paid on production of documentary evidence.

8.00 MEDICAL FACILITY:

Medical facilities to the extent available in BVFCL Hospital, Namrup shall be provided to the crew of contractor on chargeable basis, however, the "FIRST AID" facilities shall be provided free of cost.

9.00 COMPENSATION FOR DELAY IN COMPLETION OF JOB:

Time shall be regarded as the essence of contract and the failure on the part of the contractor to complete the contract on dates stipulated in the tender and the work order for completion of respective works shall be entitle BVFCL, Namrup to recover damages from the contractor by way of mutually agreed damages a sum equivalent to one half of one percent (subject to a maximum of ten percent) of the contract value of the work for each week or part of the week for which the contractor is in default. All terms & conditions of BVFCL GDCC shall be applicable to this contract.

10.00 AGREEMENT:

All the terms & conditions mentioned herein shall form the part of contract and be incorporated in the Agreement form which shall furnish non-judicial stamp paper of the State of Assam denomination or ` 10/- (` Ten) only along with 5 (Five) sheets of water mark papers and executed the Agreement in prescribed Performa within 7 (seven) days from the date of receipt of the work order.

11.00 LAST DATE OF SUBMISSION OF TENDERS AND OPENING DATE:

- 11.01 Tenders completed in all respect shall be submitted to P.E. (M), AMM-II, Brahmaputra Valley Fertilizer Corporation Limited, Namrup, P.O. Parbatpur, Dist.: Dibrugarh, Assam Pin- 786623 (Fax- 0374-2500524, Telephone- 0374-2507336) by registered post/ courier/ or dropped in the sealed tender box provided in the office of P.E. (M), AMM-II so as to reach him on or before 16-09-2019 at 03:00 PM. The tender shall be opened on 16-09-2019 at 03:30 PM.
- 11.02 If closing date of sale of tender papers/ last date of submission of tender papers/ scheduled opening date of tender happen to fall on Bandh Day/ Strike Day/ Holiday at Namrup, then the next working day shall be counted.

12.00 TENDER LIABLE TO REJECTION:

Clause number 16 of GDCC tenders are liable to be rejected on following grounds:

- 12.01 Tenders submitted by tenderer who resort to canvassing.
- 12.02 Tenders which do not fulfill all or any of the conditions laid down in the tender documents or are incomplete in any respect.
- 12.03 Tenders, which contain uncalled for remarks or any alternative/additional conditions.

(Biplov Chutia)
P.E. (M), AMM-II