

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
TENDER FORM

(NOT TRANSFERABLE)

Sl. No.....

Date of issue.....

Tender Notice No, N-III/Mech-5/ Cont- 876/ 081 Dt.: 29-04-2016

Last date of submission On. 26-05-2016

Name of Work : **Opening and boxing up of end covers, connecting line flanges and removal of tube bundles of 1st inters cooler ,2nd inter cooler and lube oil coolers of Process Air Compressor (PAC) For the purpose of inspection and cleaning of tubes & shells in Amm-III plant**

Issued to (Name & Address of the party)

.....

No. of tender documents
 Issued.....

Signature of the Issuing Officer.
 Deptt...Mech /Amm-III..

TO BE FILLED IN THE TENDERER

I / We hereby tender for the execution for the B.V.F.C.Ltd., Namrup Unit, of the work scheduled in underwritten memorandum within the time specified in such memorandum and at the rates specified therein and in all respect in accordance with the specifications, designs, drawing and instructions referred to in the N.I.T. 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

General Description of the work :- **Opening and boxing up of end covers, connecting line flanges and removal of tube bundles of 1st inters cooler ,2nd inter cooler and lube oil coolers of Process Air Compressor (PAC) For the purpose of inspection and cleaning of tubes & shells in Amm-III plant.**

1. Earnest money : ` **2430.00** (The tender (s) without earnest money shall be rejected)
2. Security deposit 10% of the total value of the work (Including earnest money).
3. Time allow for work...03 days per jobs.
4. Should this tender be accepted, I / We here by agree to abide by and fulfill all the terms and provisions and conditions contained in NIT. G.D.C.C. and the special conditions which have been read and understood by me/us so far as applicable or in default thereof to forfeit and pay to the Corporation or their successors or assignees, the sums of money mentioned in the said conditions.
5. The sum of Rs..... has been deposited vide bank draft /SBI Journal No no.....Dated..... with the Finance Manager in favour of B.V.F.C.Ltd., as earnest money, the full value of which to be absolutely forfeited to the B.V.F.C.Ltd., or 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 deposit receipt /Bank draft for EMD
2. Detailed schedule of work duly filled in and signed (Annexure-III)
3. Special terms and conditions duly read and signed (Annexure-II)
4. G.D.C.C. duly read and signed on every page.

Dated.....

Signature of tenderer.....
 Address.....

Witness (I).....

Signature, Name & address of witness

Tender Document

1.00 Invitation of tender

1.01 Sealed tenders are hereby invited from reputed parties having sufficient experience and knowledge in mechanical jobs involving opening & box up of big flanges, rigging and leakage rectification job by replacement of gasket or welding as required etc.

1.02 The tender shall be submitted in prescribed Proforma enclosed with the NIT. The Proforma for quoting rates/price shall be duly filled in and signed by the Tenderer.

1.03 Similar nature of heavy job means opening of Floating head tube bundle Heat exchanger end covers, Floating head end cover, leak testing of floating head etc in Fertilizer or any other organization Govt. or Semi Govt. and in support of this, party must submit work order copy completed with completion of job successfully.

1.04 The tender must remain valid for a minimum period of 90 days from the date of opening of the tender.

2.00 Scope of work**A. Process Air Compressor Intercoolers (HE-1):**

If specifically not mentioned herein after or not mentioned anywhere else, the scope of work shall include but not limited to the following for completion of entire job of (HE-1) intercoolers

01. Opening & dismantling of cooling water inlet & outlet flanges from 4 inch cooling water manifold line along with tube bundle cover for lifting **4 nos of tube bundles**. (One manifold in each tube bundle & two flanges in one manifold)
02. Dismantling of inlet & outlet 6 inch cooling water line of each interstage coolers
03. Opening & dismantling of tube bundle top head from each tube sheet
04. Opening, lifting & then lowering of **four nos of tube bundles**. Each tube bundle weighs 2 MT approx. and laying it properly.
05. Opening & dismantling of tube bundle bottom head from each tube sheet.
06. Opening, lifting & then lowering of the separator (weighs 0.5 MT approx.) and laying it properly.
07. Dismantling of all cooler drain & drain by-pass system flanges for choke clearing.
08. Proper cleaning of all flange-jointing areas.
09. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
10. Fitting of gaskets properly without damage in all appropriate positions.
11. Fitting, assembling & boxing up the manifolds, pipe lines, tube bundles, etc.
12. Appropriate tightening of all nuts-bolts.
13. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
14. All the tools & tackles and accessories shall be adequately supplied by the executing agency.
15. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
16. Assembling/Dismantling of scaffoldings.
17. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
18. Returning of unused supplied material(s) to the Engineer-in-charge.
19. Job shall be executed as instructed by Engineer-in-charge.

B. Process Air Compressor Intercoolers (HE-2):

If specifically not mentioned herein after or not mentioned anywhere else, the scope of work shall include but not limited to the following for completion of entire job of (HE-2) intercoolers

1. Opening & dismantling of cooling water inlet & outlet flanges from 4 inch cooling water manifold line along with tube bundle cover for lifting **3 nos of tube bundles**. (One manifold in each tube bundle & two flanges in one manifold)
2. Dismantling of inlet & outlet 6 inch cooling water line of each interstage coolers
3. Opening & dismantling of tube bundle top head from each tube sheet
4. Opening, lifting & then lowering of **three tube bundles**. Each tube bundle weighs 2 MT approx. and laying it properly.

5. Opening & dismantling of tube bundle bottom head from each tube sheet.
6. Opening, lifting & then lowering of the separator (weighs 0.5 MT approx.) and laying it properly.
7. Dismantling of all cooler drain & drain by-pass system flanges for choke clearing.
8. Proper cleaning of all flange-jointing areas.
9. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
10. Fitting of gaskets properly without damage in all appropriate positions.
11. Fitting, assembling & boxing up the manifolds, pipe lines, tube bundles, etc.
12. Appropriate tightening of all nuts-bolts.
13. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
14. All the tools & tackles and accessories shall be adequately supplied by the executing agency.
15. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
16. Assembling/Dismantling of scaffoldings.
17. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
18. Returning of unused supplied material(s) to the Engineer-in-charge.
19. Job shall be executed as instructed by Engineer-in-charge.

C. Opening and Boxing-up of end covers and removing of tube-bundles of PAC lube oil coolers for cleaning

Scope of work shall include but not limited to the following:

1. Opening of all the flange joints of the inlet and outlet water connections to the lube oil coolers.
2. Opening of the end covers.
3. Opening and dismantling of all the connected lines for facilitation to drag out the tube bundles.
4. Dragging out the tube bundles from the shell of the coolers and rest on wooden support on the ground for facilitating cleaning.
5. Dragging in the tube bundle to the cooler shell.
6. Cleaning of all the joining faces of the flanges.
7. Cutting of new gaskets and fitting in positions.
8. Boxing up of the end covers by appropriate tightening of the bolts.
9. Boxing up of the connected lines.
10. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
11. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
12. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
13. Returning of unused supplied material(s) to the Engineer-in-charge.
14. Job shall be executed as instructed by Engineer-in-charge

General scope of work:

01. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
02. All the tools & tackles, lifting & hoisting machines and accessories shall be adequately supplied by the executing agency for executing all the jobs.
03. Scaffolding materials and consumables like, Kerosene oil, emery papers, hacksaw blades, material wire brush etc .in party's scope.
04. All good engineering practices and safety system shall be followed till completion of the job.
05. The entire job shall be carried out round the clock basis and is to complete within time.
06. Any other activities, not included above but required for successful completion of the jobs, shall be in the party's scope.
07. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
08. All necessary gaskets, nuts & bolts, etc shall be supplied by BVFCL
09. Returning of unused supplied material(s) to the Engineer-in-charge.
10. Job shall be executed as instructed by Engineer-in-charge.

3.00 Terms & conditions:-

- 3.01 All necessary safety precautions are to be taken by the party.
- 3.02 90% value of the completed work shall be released after successful completion of work, submission of bill in triplicate and as certified by Engineer – in – Charge after deductions, if any. Payment can be released against successful completion of each cooler for one time also.
- 3.03 Balance 10% shall be retained as security deposit which shall be released after Successful completion of workmanship guarantee period of six months.
- 3.04 Service tax/ VAT at the applicable rate shall be reimbursed / deducted on production of documentary evidence.

4.00 SPECIAL TERMS & CONDITIONS

- 4.01 The contractors have to abide by the terms and conditions mentioned in G.D.C.C. in respect of carrying out the job, payments, settlement of disputes etc.
- 4.02 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.
- 4.03 The jobs are connected with major shut down activities of the Namrup-III plants. Since the activities shall be continued round the clock, the contractor shall be ready to take-up jobs at any time.
- 4.04 All Safety measure and gears required for the job shall have to be arranged by the contractor and to be followed strictly.
- 4.05 After completion of job, the site shall be cleaned and removed all debris properly.
- 4.06 **Tenderers shall visit the site and contact the concerned site-in-charge to assess the job thoroughly before submitting their offer.**
- 5.00 Party shall quote & submit their rates in the given performa in Annexure-III by going thoroughly in the scope of work Annexure-II (scope of work).
- 6.00 Engineer –in-charge reserve the right to ask for increase of manpower if delay occurs / any slippage of schedule. However, you have to complete the entire job keeping manpower round the clock.
 - 1. Completion period mentioned is essence of the contract and the executing agency must strictly adhere to completion the job in allotted time frame. In no case party shall be allowed to divert manpower allocated on this job.
 - 2. Party shall indicate the member name and address of workmen of this particular job of the NIT in separate sheet
 - 3. The bidders may ask/seek further information on bidding condition & process if any Information shall be provided to the bidders about the reasons for rejection of any bid if asked
 - 4. To affect the above, party may visit the site to access the job fully and if required may consult the undersigned regarding requirement of skilled and unskilled manpower.
 - 5. BVFCL reserves the right of canceling the work order and awarding the job to other suitable and resourceful party, **if the party upon which work order has been placed fails to start the job within 1 day after getting clearance of work front our phone / in writing through FAX/Email.**
- 7.00 The contractor shall abide by all the statutory obligation under various statutory Acts and rules made there under, and as amended from time to time in respect of their establishment and / or workmen engaged by them. 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 and rules, and any other laws applicable to contractors and / or their establishment and the workmen engaged by them.
- 8.00 BVFCL is committed to a corruption free environment." All the works contract, services and commitments 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 responsible citizen to inform the matter to Vigilance Office, BVFCL, Namrup, Assam. (Tel No: 0374 2507092/ 0374 2507167)
Tender papers / documents can be obtained during working hours on application from the following office **"ADDL. CHIEF ENGINEER (MECH), A-III & CPP, BVFCL, Namrup"**

Ref: N-III/MECH-5/Cont-876

SCHEDULE OF WORK & QUANTITY:**Job Name:** Opening and boxing up of end covers, connecting line flanges and removal of tube bundles of

1. 1st inters cooler ,2nd inter cooler and
2. lube oil coolers of Process Air Compressor (PAC) For the purpose of inspection and cleaning of tubes & shells in Amm-III plant.

Sl. No.	Item	Quantity	Rate (`)	Amount (`)
A	Opening and boxing up of end covers, connecting line flanges and removal of tube bundles of 1 st inters cooler of PAC	01 (One) Lot		
B	Opening and boxing up of end covers, connecting line flanges and removal of tube bundles of 2 nd inter cooler of PAC	01 (One) Lot		
C	lube oil coolers of Process Air Compressor (PAC) For the purpose of inspection and cleaning of tubes & shells in Amm-III plant	01 (One) Lot		
			Sub total	
			<u>Service Tax @14.5%</u>	
			Total	

NOTE:

- i) Party not to add Service Tax (ST) if they are exempted and to write "**NOT APPLICABLE**", but to attach proof copy issued from the competent/ statutory authority.
- ii) Party to add, if the **ST & VAT** is applicable.
- iii) Party to fill the tender form with clear handwriting as instructed and avoid overwriting.

In words: (Rupees)

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Signature of the tenderer with Date:

Party's name:

Address:

SEAL:

PAN No.

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