

Ref: N-III/MECH-5/Cont-1116

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 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**I. Opening & boxing up of NGBC lube oil coolers for water jet cleaning:**

It specifically not mentioned here in after or not mentioned anywhere else, the scope of work shall include but not limited to the following for completion of entire of job.

01. Opening of the end covers (DN 500) of the coolers.
02. Opening & dismantling of floating head covers
03. Opening & dismantling of all connected lines for facilitation to drag the tube bundles
04. Resting the coolers tube bundle (1.5 MT per tube bundle) in the floor.
05. Dragging, the coolers tube bundle from its shell & resting it on the scaffoldings
06. Lowering the both coolers tube bundle from the scaffoldings to the ground on wooden slippers.
07. Fitting back the tube bundle to the cooler shell after high pressure water jet cleaning.
08. Cutting & fitting of CAF gaskets supplied by us
09. Appropriate tightening of all nuts-bolts.
10. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
11. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
12. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
13. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
14. Returning of unused supplied material(s) to the Engineer-in-charge.
15. Job shall be executed as instructed by Engineer-in-charge.

II. 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

iii) Opening and Boxing-up of end covers of Syn gas 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 and dismantling of all the connected lines for facilitation of tube cleaning.
2. Opening of the end covers and laying them on the floor.
3. Dragging out the tube bundles from the shell of the coolers and rest on wooden support on the ground for facilitating cleaning.
4. Dragging in the tube bundle to the cooler shell.
5. Easing of all the nuts and bolts.
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

3.0 Payment terms:-

- 3.01 90% value of the completed work shall be released after successful completion of work within 30 days from submission of bill in triplicate and as certified by Engineer – in – Charge after deductions, if any. Balance 10% payment shall be kept as Security Deposit (SD), which shall be release after successful completion of workmanship guarantee period of 06(six) month.
- 3.02 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. Payment will be released within 30 days of receipt of the rectified bill/clarification.
- 3.03 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.
- 3.04 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.
- 3.05 GST 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-II by going thoroughly in the scope of work Annexure-I (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 **"CHIEF ENGINEER (MECH), AG, CPP & CMW, BVFCL, Namrup"**

(KK Dihider)
CE (M), AG, CPP & CMW

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SCHEDULE OF WORK & QUANTITY:

Job Name: Opening and boxing up of end covers, connecting line flanges and opening and boxing up of floating head with new gasket of lube oil cooler of natural gas booster compressor(NGBC), Process Air Compressor(PAC)and synthesis gas compressor(SGC) for the purpose of water jet cleaning of tubes & shells in the forthcoming ATA-2019 of Amm-III plant.

Sl. No.	Item	Quantity	Rate (`)	Amount (`)
A	Opening & boxing up of NGBC lube oil coolers for water jet cleaning	01 (One) Lot		
B	Opening and Boxing-up of end covers and removing of tube-bundles of PAC lube oil coolers for cleaning	01 (One) Lot		
C	Opening and Boxing-up of end covers of Syn gas lube oil coolers for cleaning	01 (One) Lot		
Sub total				
CGST @ 9%				
SGST @ 9%				
Total				

NOTE:

- Party not to GST if they are Not Registered and to write "**NOT REGISTERED**", but to attach proof copy issued from the competent/ statutory authority.
- Party to add, if the **GST** is applicable.
- Party to fill the tender form with clear handwriting as instructed and avoid overwriting.

In words: (Rupees

..... only

Signature of the tenderer with Date:

Party's name:

Address:

GST No. _____

GST State Code No: _____

SEAL:

PAN No. _____