

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, plugging of tubes, welding, 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. For the job of Opening & boxing up of NGBC HE-1 for water jet cleaning:**

01. Opening & boxing up of cooling water inlet & outlet line flanges from 10 inch cooling water line enable for dismantling 2 covers of the cooler (One flange in each inlet & outlet line; Size: 10 inch –2 nos.)
02. Opening, lowering, erecting & boxing up of end covers consist 2 end covers (Approx. Size /Weight: Φ 42 inch/0.7 MT)
03. Opening, lowering, erecting & boxing up of floating head covers (Approx. Size/Weight: Φ 38 inch/0.6 MT) and fix up of tube bundle with shell.
04. Opening & boxing up of all NG inlet & outlet line for blanking (One flange in each inlet & outlet line; Size/nos: Φ 12"/2)
05. Opening & boxing up of all NG inlet & outlet line to remove blanking for final box up with new gasket (One flange in each inlet & outlet water line; Size/nos: Φ 12"/2,
06. Dismantling of all cooler drains for choke clearing.
07. Proper cleaning of all flange-jointing areas.
08. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
09. Fitting of gaskets properly without damage in all appropriate positions.
10. Fitting, assembling & boxing up of all pipeline & cooler flanges, etc.
11. Appropriate tightening of all nuts-bolts.
12. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
13. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
14. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
15. Assembling/Dismantling of scaffoldings.
16. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
17. Returning of unused supplied material(s) to the Engineer-in-charge.
- 18.** Job shall be executed as instructed by Engineer-in-charge

B. For the job of Opening & boxing up of NGBC HE-2 for water jet cleaning:

01. Opening & boxing up of cooling water inlet & outlet line flanges from 10 inch cooling water line to enable for dismantling 2 end covers of HE-2 (One flange in each inlet & outlet line; Size: 10 inch –2 nos.)
02. Opening, lowering, erecting & boxing up of 2 end covers of HE-2 (Approx. Size /Weight: Φ 37 inch/0.5 MT)
03. Opening, lowering, erecting & boxing up of floating head covers of HE-2 (Approx. Size/Weight Φ 32 inch/0.4 MT)
04. Opening & boxing up of HE-2 NG inlet & outlet line for blanking (One flange in each inlet & outlet line; Size/nos: Φ 18"/2)
05. Opening & boxing up of the NG inlet & outlet line to remove blanking for final box up with new gasket (One flange in each inlet & outlet water line; Size/nos: Φ 18"/2)

06. Dismantling of all cooler drains for choke clearing.
07. Proper cleaning of all flange-jointing areas.
08. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
09. Fitting of gaskets properly without damage in all appropriate positions.
10. Fitting, assembling & boxing up of all pipeline & cooler flanges, etc.
11. Appropriate tightening of all nuts-bolts.
12. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
13. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
14. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
15. Assembling/Dismantling of scaffoldings.
16. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
17. Returning of unused supplied material(s) to the Engineer-in-charge.
18. Job shall be executed as instructed by Engineer-in-charge.

C. For the job of Opening & boxing up of NGBC HE-3 for water jet cleaning:

01. Opening & boxing up of cooling water inlet & outlet line flanges from 10 inch cooling water line enable for dismantling 2 covers of the cooler (One flange in each inlet & outlet cooling water line; Size: 10 inch –2 nos.)
02. Opening, lowering, erecting & boxing up of end covers consist 2 end covers (Approx. Size /Weight: Φ 28inch/0.4MT)
03. Opening, lowering, erecting & boxing up of floating head covers (Approx. Size/Weight: Φ 20inch/0.3 MT) and fix up of tube bundle with shell.
04. Opening & boxing up of NG inlet & outlet line for blanking (One flange in each inlet & outlet line; Size/nos: Φ 24"/2)
05. Opening & boxing up of NG inlet & outlet line to remove blanking for final box up with new gasket (One flange in each inlet & outlet line; Size/nos: Φ 24"/2,)
06. Dismantling of all cooler drains for choke clearing.
07. Proper cleaning of all flange-jointing areas.
08. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
09. Fitting of gaskets properly without damage in all appropriate positions.
10. Fitting, assembling & boxing up of all pipeline & cooler flanges, etc.
11. Appropriate tightening of all nuts-bolts.
12. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
13. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
14. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
15. Assembling/Dismantling of scaffoldings.
16. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
17. Returning of unused supplied material(s) to the Engineer-in-charge.
18. Job shall be executed as instructed by Engineer-in-charge

D. For the job of Opening & boxing up of NGBC By-pass cooler for water jet cleaning:

01. Opening & boxing up of cooling water inlet & outlet line flanges from 10 inch cooling water line enable for dismantling 2 covers of the cooler (One flange in each inlet & outlet line; Size: 10 inch –2 nos.)
02. Opening, lowering, erecting & boxing up of end covers consist 2 end covers (Approx. Size /Weight: Φ 48 inch/1MT)
03. Opening, lowering, erecting & boxing up of floating head covers (Approx. Size/Weight: Φ 43inch/0.8MT) and fix up of tube bundle with shell.
04. Opening & boxing up of NG inlet & outlet line for blanking (One flange in each inlet & outlet line; Size/nos: Φ 18"/2).

05. Opening & boxing up of NG inlet & outlet line to remove blanking for final box up with new gasket (One flange in each inlet & outlet water line; Size/nos: Φ 18"/2)
06. Dismantling of all cooler drains for choke clearing.
07. Proper cleaning of all flange-jointing areas.
08. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
09. Fitting of gaskets properly without damage in all appropriate positions.
10. Fitting, assembling & boxing up of all pipeline & cooler flanges, etc.
11. Appropriate tightening of all nuts-bolts.
12. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
13. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
14. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
15. Assembling/Dismantling of scaffoldings.
16. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
17. Returning of unused supplied material(s) to the Engineer-in-charge.
18. 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,
 - a. submission of bill in triplicate and as certified by Engineer – in – Charge after deductions, if any.
 - b. 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 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), A-III & CPP, BVFCL, Namrup"**

(KK Dihider)
CE (M), A-III & CPP

Annexure-II

Ref: N-III/MECH-5/Cont-983

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 1st inters cooler, 2nd inter cooler, 3rd inter cooler, by pass cooler,

Sl. No.	Item	Quantity	Rate (₹)	Amount (₹)
A	Opening & boxing up of NGBC HE-1 for water jet cleaning	01 (One) Lot		
B	Opening & boxing up of NGBC HE-2 for water jet cleaning:	01 (One) Lot		
C	Opening & boxing up of NGBC HE-3 for water jet cleaning:	01 (One) Lot		
D	Opening & boxing up of NGBC By-pass cooler for water jet cleaning:	01 (One) Lot		
			Sub total	
			GST @ 18%	
			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)

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Signature of the tenderer with Date:

Party's name:

Address:

GST No. _____

GST State Code No: _____

SEAL:

PAN No. _____

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