

Tender Document

1.00 Scope of work

A. opening of flanges of surface condenser of PAC compressor drive turbine for tube cleaning

01. Opening of both the end covers of the surface condenser removing 104 nos of bolts of size M27 (spanner size 41) and lay own them on the floor(each having the weight of around 0.7 ton) to carryout cleaning of tubes.
02. Easing of all the nuts and bolts.
03. Removing of existing gasket.
04. Cleaning of the joining faces of the flanges properly.
05. Cutting out of new gaskets of proper shape and size.
06. Fitting of new gasket properly
07. Boxing up of both end covers by lifting, positing and proper tightening of the bolts.
08. To carryout Hydraulic test to make the system leak-proof.
09. All tools and tackles, cutting and welding appliances and accessories shall be adequately supplied by the executing agency.
10. Any scaffolding required will have to be arranged by the executing agency and also their assembling and dismantling.
11. All best engineering practices and procedures and safety gadgets to be strictly followed to carryout the job.
12. Returning the unused supplied material to the Engineer-in-charge and cleaning of site debris / wastes and dumping them in the dumping yard.
13. Jobs should be executed as instructed by the Engineer-in-charge

B. Opening of flanges of surface condenser of NGBC compressor drive turbine for tube 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 one semicircular hinged flange at each end from the same half of the condenser removing 96 nos of bolts of size M27 and to make access to carryout cleaning of tubes of the same half.
02. Easing of all the nuts and bolts.
03. Removing of existing gasket.
04. Cleaning of the joining faces of the flanges properly.
05. Cutting out of new gaskets of proper shape and size and in a single piece.
06. Boxing up of both side flanges with proper tightening of the bolts.
07. Opening of other two flanges of the other half of the condenser by removing another 96 nos bolts of same size.
08. To carryout the repetition of the same steps from Sl.No. 2 to 6.
09. To carryout Hydraulic test to make the system leak-proof.
10. All tools and tackles, cutting and welding appliances and accessories shall be adequately supplied by the executing agency.
11. Any scaffolding required will have to be arranged by the executing agency and also their assembling and dismantling.
12. All best engineering practices and procedures and safety gadgets to be strictly followed to carryout the job.
13. Returning the unused supplied material to the Engineer-in-charge and cleaning of site debris / wastes and dumping them in the dumping yard.
14. Jobs should be executed as instructed by the Engineer-in-charge

C. opening of flanges of surface condenser of PRC compressor drive turbine for tube 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.

1. Opening of one semicircular hinged flange of 1.5 meter dia at each end from the same half of the condenser removing 54 nos of bolts of size M24 and to make access to carryout cleaning of tubes of the same half.
2. Easing of all the nuts and bolts.
3. Removing of existing gasket.
4. Cleaning of the joining faces of the flanges properly.
5. Cutting out of new gaskets of proper shape and size and in a single piece.
6. Boxing up of both side flanges with proper tightening of the bolts.
7. Opening of other two flanges of the other half of the condenser by removing another 54 nos bolts of same size and to make access to carryout cleaning of tubes of the same half.
8. To carryout the repetition of the same steps from SI.No. 2 to 6.
9. Hydraulic test to make the system leak-proof.
10. All tools and tackles, cutting and welding appliances and accessories shall be adequately supplied by the executing agency.
11. Any scaffolding required will have to be arranged by the executing agency and also their assembling and dismantling.
12. All best engineering practices and procedures and safety gadgets to be strictly followed to carryout the job.
13. Returning the unused supplied material to the Engineer-in-charge and cleaning of site debris / wastes and dumping them in the dumping yard.
14. Jobs should be executed as instructed by the Engineer-in-charge

D. opening of flanges of surface condenser of Syn-gas compressor drive turbine for tube 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 one semicircular hinged flange of 2 meter dia at each end from the same half of the condenser removing 108 nos of bolts of size M36 and to make access to carryout cleaning of tubes of the same half.
02. Easing of all the nuts and bolts.
03. Removing of existing gasket.
04. Cleaning of the joining faces of the flanges properly.
05. Cutting out of new gaskets of proper shape and size and in a single piece.
06. Boxing up of both side flanges with proper tightening of the bolts.
07. Opening of other two flanges of the other half of the condenser by removing another 108 nos bolts of same size.
08. To carryout the repetition of the same steps from SI.No. 2 to 6.
09. Hydraulic test to make the system leak-proof.
10. All tools and tackles, cutting and welding appliances and accessories shall be adequately supplied by the executing agency.
11. Any scaffolding required will have to be arranged by the executing agency and also their assembling and dismantling.
12. All best engineering practices and procedures and safety gadgets to be strictly followed to carryout the job.
13. Returning the unused supplied material to the Engineer-in-charge and cleaning of site debris / wastes and dumping them in the dumping yard.
14. Jobs should be executed as instructed by the Engineer-in-charge

2.00 Terms & conditions:-

- 2.01 All necessary safety precautions are to be taken by the party.
- 2.02 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.
- 2.03 Balance 10% shall be retained as security deposit which shall be released after Successful completion of workmanship guarantee period of six months.
- 2.04 Service tax/ VAT at the applicable rate shall be reimbursed / deducted on production of documentary evidence.

3.00 SPECIAL TERMS & CONDITIONS

- 3.01 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.
- 3.02 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.
- 3.03 The jobs are connected with short 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.
- 3.04 All Safety measure and gears required for the job shall have to be arranged by the contractor and to be followed strictly.
- 3.05 After completion of job, the site shall be cleaned and removed all debris properly.
- 3.06 Tenderers shall visit the site and contact the concerned site-in-charge to assess the job thoroughly before submitting their offer. **Mobilization time is maximum 2 hours after intimation through phone/Fax/E-mail.**

4.00 EARNEST MONEY: The tenderer shall deposit the Earnest money in favour of BVFC LTD. SBI Branch Namrup, A/C No, for the work in accordance with the provisions of Clause 11 of the G.D.C.C. enclosed herewith. The tender (s) without earnest money shall be rejected.

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. Party must give undertaking of performing similar nature of heavy job 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.
- 6. 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 2 hours 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**"

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

Ref: N-III/MECH-5/Cont-875

SCHEDULE OF WORK & QUANTITY:

1. **Job Name:** Opening and boxing up of end covers of surface condenser of NGBC, PAC, PRC & Syn gas compressor

Sl. No.	Item	Quantity	Rate (₹)	Amount (₹)
A	opening of flanges of surface condenser of PAC compressor drive turbine for tube cleaning	01 (One) Lot		
B	Opening of flanges of surface condenser of NGBC compressor drive turbine for tube cleaning	01 (One) Lot		
C	opening of flanges of surface condenser of PRC compressor drive turbine for tube cleaning	01 (One) Lot		
D	opening of flanges of surface condenser of Syn-gas compressor drive turbine for tube cleaning	01 (One) Lot		
			Sub total	
			Vat @5% on material cost of ₹.	
			S.Tax@14.5% on service charge of ₹.	
			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 only
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Signature of the tenderer with Date:

Party's name:
Address:

SEAL: PAN No.