

Ref: N-III/MECH-5/Cont-1092

Tender Document**1.00 Scope of work****A.** Checking & rectification of tube leakages of Water Cooled Condenser (WCC) in Ammonia-III plant.

01. Opening & boxing up of the WCC man hole cover flange (Flange dia/ Stud size/ Stud nos./ approx weight = Φ 800 mm, 185 mm thk /M65 x 3p/16 nos./ 1 MT)
02. Opening & boxing up of :- i) WCC cooling water inlet & out let line flange (DN 500 x 2 nos.) & and cutting & fixing of 2 nos of gaskets ii) cooling water inlet line rapture disc line flange (DN 150 x 1 no) & and cutting & fixing of 1 no of gaskets
03. Making of SS blind (DN 500 x 2 nos.) & and cutting of blind gasket -2 nos.
04. Fixing & dismantling of blinds & cutting of blind gaskets-2nos. for cooling water inlet & out let line flange (DN 500 x 2 nos.).
05. Cutting & re-fabrication by complete TIG welding (Weld- Inconel 182) of 1no (DN 450, 6mm thk dia, Mat. - SA 240 TP 304 L) at the manhole baffle plate of the WCC.
06. DPT of the complete baffle plate welding.
07. Embossing of taper CS plugs (tube OD 22 mm) to the marked leaky tubes.
08. Plugging of leaky tubes (Tube material/ size = SA 210 AI/ Φ 22 mm x 4 mm wall thickness) by supplied plugs.
09. Proper cleaning of all flange-jointing areas.
10. Cutting of all necessary gaskets in proper dimensions from supplied gasket sheets.
11. Fitting of gaskets properly without damage in all appropriate positions.
12. Appropriate tightening of all nuts-bolts.
13. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works shall be in the scope of executing agency.
14. All the tools & tackles, cutting & welding machines/appliances/ electrodes/ welding filler rods/ tungsten rods/ oxygen, DA & Argon gases 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.

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 GST 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 8 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.
- 4.01 Exemption from EMD/Tender paper cost & Security Deposit for MSEs.
1. MSE bidders must submitted valid registration certificate from any of the following (or any other body specification by Ministry of MSME) for seeking exemption from submission of EMD/Tender paper cost.
i) National Small Scale Industries Corporation (NSIC), ii) District Industries Centers (DIC), iii) Coir Board, iv) Khadi & Village industries commission (KVIC), v) Khadi & Village industries Board (KVIB), vi) Directorate of Handicraft & Handloom.
2. MSEs registered with NSIC will be exempted from paying Security Deposit up to the monetary limit mentioned in the certificate.
- 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 8 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.
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:

| Sl. No. | Item | Quantity | Rate (₹) | Amount (₹) |
|---------|---|-----------------|--------------|------------|
| A | <u>Category – I</u> 01. Opening & boxing up of the WCC man hole cover flange (Flange dia/ Stud size/ Stud nos./ approx weight = Φ 800 mm, 185 mm thk /M65 x 3p/16 nos./ 1 MT) 02. Opening & boxing up of :- i) WCC cooling water inlet & out let line flange (DN 500 x 2 nos.) & and cutting & fixing of 2 nos of gaskets ii) cooling water inlet line rupture disc line flange (DN 150 x 1 no) & and cutting & fixing of 1 no of gaskets 03. Making of SS blind (DN 500 x 2 nos.) & and cutting of blind gasket -2 nos. 04. Fixing & dismantling of blinds & cutting of blind gaskets-2nos. for cooling water inlet & out let line flange (DN 500 x 2 nos.). 05. Opening & boxing up of 5 nos. partition plate of 5mm thk (length/ nos of partition flange= 340mm/ 2 nos., 300/ 3 nos; nos of SS M14 nuts = 100 nos). 06. Replacement of a partition plate gasket (Size: 765 x 750 x 3 mm) | 01 (One) Lot | | |
| B | <u>Category – II</u> 01. Cutting & re-fabrication by complete TIG welding (Weld- Inconel 182) of 1no (DN 450, 6mm thk dia, Mat. - SA 240 TP 304 L) at the manhole baffle plate of the WCC 02. DPT of the complete baffle plate welding 02. Embossing of taper CS plugs (tube OD 22 mm) to the marked leaky tubes. 03. Welding of plugs (Approx. 10 nos.) | 01 (One) Lot | | |
| | | | Sub total | |
| | | | CGST @9% | |
| | | | SGST @9% | |
| | | | Total amount | |

NOTE:

i) 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:

SEAL:

PAN No. _____