

**SCOPE OF WORK**

- Job: i) Opening and boxing up of NRV of Synthesis Gas Compressor.  
ii) All suction strainer of Synthesis gas Compressor opening and boxing up.  
iii) Modification of 3" valve for control oil line of Synthesis Gas Compressor.  
iv) Welding and cutting of EMG turbine steam extraction header line for leakage rectification of Amm- III plant

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

1. Opening of 3 nos NRV of Synthesis gas Compressor( size: 6"-2nos, 10"-1no)
2. With the help of chain pulley NRV placed in ground level.
3. Check & clean the NRV.
4. After clearance of Production department boxing up the NRV.
5. Opening of 5nos of strainer of SGC (Size: 6").
6. With the help of chain pulley all strainer placed in ground level.
7. Cleaning of the strainers.
8. Repair the strainer with the help of TIG welding.
9. After clearance of Production department boxing up the strainer.
10. One no of 3" valve required to the control oil line of SGC EMG turbine.
11. Opening the connecting flange (3"-2nos).
12. Cutting, grinding the control oil line for placing the valve.
13. Welding 3" valve in position.
14. After completion of welding card board blasting is to be done.
15. Boxing up of connecting flanges.
16. EMG turbine steam line joint for leakage rectification scaffolding to be done.
17. Cutting, grinding on the joint for leakage rectification.
18. Welding the joint by TIG.
19. NDT test on the joint to be done.
20. Scaffolding removed.
21. Testing of all welded joints by DP test by supplied DPT material.
22. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
23. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
24. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
25. Returning of unused supplied material(s) to the Engineer-in-charge.
26. 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.

(PK Barkataki)  
CE (M), A-III (Actg)

Ref: N-III/MECH-5/Cont-1021

**SCHEDULE OF WORK & QUANTITY:**

SL. No.	Job description	Qty	Rate (Rs.)	Amount (Rs.)
01.	Opening and boxing up of NRV of Synthesis Gas Compressor	01 (one) Lot		
02	All suction strainer of Synthesis gas Compressor opening and boxing up	01 (one) Lot		
03	Modification of 3"valve for control oil line of Synthesis Gas Compressor	01 (one) Lot		
04	Welding and cutting of EMG turbine steam extraction header line for leakage rectification of Amm-III plant	01 (one) Lot		
Sub Total				
GST @ 18%				
Total amount				

**NOTE:**

- i) Party not to add GST if they are exempted and to write "**NOT APPLICABLE**", but to attach proof copy issued from the competent/ statutory authority.
- ii) Party to add **GST**, if 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. \_\_\_\_\_

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