

Ref. No: N-III/Mech-5/Cont-973

Scope of work

If specifically not mentioned herein after or not mentioned anywhere else, the scope of work shall include but not limited to the following for completion of entire job of HE-4.

For:- Interstage cooler HE-4 of SGC

01. To open the inlet flange of separator-SD-4 (16 nos bolts, nut size-70 mm) and the cooler outlet line flange. After opening the same, the connecting pipeline is to be removed and laid down on the floor.
02. To open the head end covers bolts (16 nos, nut size 140 mm) of Syn. gas Interstage cooler and the cover weighing about 0.65 te to be placed on floor.
03. To remove the parting plate and replace the gasket with new one.
04. To remove the parting plate.
05. To open the main water inlet and outlet line after removing the associated pipe lines with flanges
06. To blank both the water inlet and outlet flanges
07. Necessary testing arrangement is to be done for pressurizing the shell side. Testing is to be carried at 8 kg/cm²
08. To plug the leaky tubes as detected and instructed by Engg-in-charge with Alloy steel electrodes.
09. To normalize the total system after thorough cleaning of all the nuts and bolts, cutting of gaskets and getting clearance from Engg-in-charge.
10. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency (However hydra crane may be provided on emergency situation)
11. All best engineering practices & procedures and safety gadgets to be strictly followed while working
Site cleaning after completion of the job.

General scope of work:

01. Proper cleaning of gasket jointing surface
02. Fitting of gaskets properly without damage.
03. Appropriate tightening of all nuts-bolts.
04. Making & fitting of all appropriate jacking/ lifting arrangement by cutting, welding, grinding works.
05. All the tools & tackles, cutting & welding appliances and accessories shall be adequately supplied by the executing agency.
06. All best engineering practices & procedures and safety gadgets to be strictly followed while working.
07. Carrying/cleaning of site debris/waste to dumping yard after finishing of job.
08. Returning of unused supplied material(s) to the Engineer-in-charge.
09. Job shall be executed as instructed by Engineer-in-charge.

(P K Barkataki)
PE (M), A-III

ANNEXURE-II

Tender Notice No: N-III/Mech-5/Cont-973

PERFORMA FOR SCHEDULE OF WORK & QUANTITY

JOB: Checking & rectification of tube leakages of Interstage cooler (HE-4) of Syn Gas Compressor (SGC) in Ammonia-III plant

Sl. No	Item	Quantity	Rate (₹)	Amount (₹)
01.	Interstage cooler (HE-4) of Syn Gas Compressor (SGC)	01 (One) Lot		
Service Tax @ 15% on Service charges				
VAT @ 6% on material cost				
Total amount				

NOTE: Party to fill the tender form with clear handwriting as instructed and avoid overwriting.

- i) Party to write "EXTRA", if the ST & VAT is applicable.
- ii) Party to fill the tender form with clear handwriting as instructed and avoid overwriting.

In words:
(Rupees _____)
_____) only.
.....

Signature of the tenderer _____ Date: _____

Party's name:
Address:

SEAL: _____ PAN No. _____
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