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**THE FOLLOWING HFO FIRED POWER PLANT IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:**

**1 No. 108 MW MAN (2014) make HFO fired Power Plant comprising of 12 Nos. 8.75 MW each, MAN make, type 18V32/40CD HFO fired Generator sets, having the Following Technical Specifications:**

**TECHNICAL DETAILS:**

**Number of Units** : 12 Units  
**Generating Capacity** : 8.75 MW Each (The Plant Package includes a 3.7MW Steam Turbine for Waste Heat Recovery and Co-generation)  
**Fuel** : HFO  
**Year of Make** : 2014. Plant was commissioned in 2017. Plant was shutdown in the Year 2020.  
**Total Running Hours** : Running Hours of the 12 Units vary from 6,000 hours to max of 10,000 Hours  
**Maintenance History** : Scheduled 12,000 Hours maintenance is done for 2 units and is due for 10 units.

**ENGINE DETAILS:**

**Make** : MAN Diesel & Turbo.  
**Origin** : Germany  
**Model** : 18V32/40CD  
**Power** : 8.75MW each  
**Number of Units** : 12  
**Year of Make** : 2014  
**Year of Commissioning** : 2017  
**Fuel** : HFO

**ALTERNATOR DETAILS:**

**Make** : Hyundai Heavy Industries  
**Origin** : South Korea

Model : 20134223RBS02210  
 Voltage : 11000 V  
 Capacity : 10324 KVA  
 Frequency : 50 Hz

**ENGINE RUNNING HOURS DETAILS:**

G1	9919	G2	10078	G3	6796	G4	10541
G5	10647	G6	10092	G7	4308	G8	10120
G9	9532	G10	9012	G11	9337	G12	8892

**WASTE HEAT RECOVERY AND CO-GENERATION DETAILS:**

6 units of high efficiency ALFA LAVAL Waste Heat recovery Boiler, made in Finland.

3.7MW Triveni Steam Turbine, Made in India.

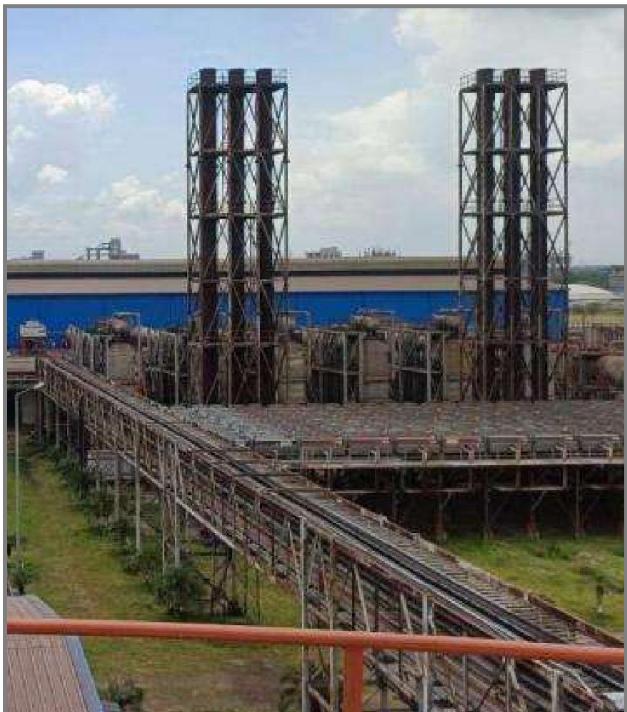
**SCOPE OF SUPPLY:**

1. MAN 18V32/40CD DG SETS- 12 Units
2. Hyundai Heavy Industries 10324KVA, 11 kV, 50 Hz, P.F 0.8 Alternator-12 Units
3. Mechanical Auxiliary System:
  - a. Auxiliary Modules
  - b. HFO Fuel Handling System
  - c. Lubricating Oil System & Lubricating Oil System Piping
  - d. Compressed Air System & Compressed Air System Piping
  - e. Cooling System
  - f. Intake Air System
  - g. Exhaust System
  - h. Electrical System
  - i. Control System
  - j. Control Panels
  - k. Cables & Accessories
  - l. Medium Voltage System
  - m. Medium Voltage Cable
  - n. Low Voltage System
  - o. Low Voltage Cables
  - p. DC System
  - q. Note: Heat Recovery System is included in this Package
4. Tools
5. Spare Parts
6. Full MAN Documentation

**CURRENT STATUS:**

The plant was in commercial operation from 2017 to 2020. It has been idle since 2020. A 12,000 hour maintenance is due for all engines; two engines have already undergone this service under the supervision of the MAN Service Team.

## **PHOTOS:**



Balance of the Plant (auxiliary) machinery is manufactured and supplied mainly by ALFA LAVAL Sweden



Electrical Control and Automation System manufactured by ABB, SIEMENS, and GE

