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

1 No. – 8 MW CO-GEN THERMAL POWER PLANT, having the Following Technical Specifications:

BOILER DETAILS:

Boiler make : CETHAR
Boiler Capacity : 40 TPH.
Boiler Type : Atmospheric Fluidized Bed Combustion Boiler. Single Drum Water Tube Boiler
Pressure - 68 Ata Temperature - 495 +/- 5 Deg C ID Fan,FD Fan and PA fan.
Type of Circulation : Natural Circulation
Type of support : Bottom
Boiler Code : IBR 1950 with latest amendments
Deaerator cum storage Tank : Cethar make spray cum tray type 42,000 kg/hr
LP & HP Dosing System : Cethar make 2 Tank 400 Ltr capacity SS
Fuel Storage Bunker : Cethar Twin Bunker 225 m3 capacity
Chimney : Complete Unit as per environment norms.
Electro Static Precipitator : Horizontal flow Dry type, 3 field, 3 HV TR unit of 120 KV/400mA
LT Motor Control Centre : Cethar make
Power Plant Integral Pipings : By Cethar as per SA grade materials
Pressure reducing & De-superheating Station : Cethar Inlet 68/495 & Outlet 10/200 ata/C
Low Pressure Pipings : By Cethar as per IS standard
Water treatment Plants : Raw water Transfer pump 60m3/hr for
Pre treatment Plant : Multi Grade Sand Filter 60 m3/hr
Boiler & Cooling tower
Demineralization Plant : RO Plant 6.14 m3/hr Feed flow, Degasser Tower & all Pumps/Towers

Fuel Preparation & Handling System for Coal & Lime stone	:	Vibro feeders, Crusher 32/15 TPH, Vibratory Screens, Separator & Metal Detector & Belt Conveyer
Crane	:	HOT Double Girder 15 T
Compressed Air System	:	2 Nos Screw type 9 kg pressure with after cooler & Air receiver
Ash Handling System	:	Dense Phase type, Bed ash capacity 400 kg/hr, MS Fly Ash silo 182 m ³ , Rotary Ash Feeder 2 nos, Ash Conditioner.

TURBINE DETAILS:

Triveni make 8.0 MW Turbo Generator & Accessories, Multistage, Impulse, nozzle governed bleed cum condensing type, Turbine speed - 7545 RPM Alternator Speed - 1500 RPM with Turbine control panels, Lube Oil System, Battery charger.

COOLING TOWERS DETAILS:

RCC Cooling Towers, Induced draught, Cross flow 3300 m³/hr capacity, PVC Drift Eliminator type, open gravity distribution, Axial Flow propeller FRP fans 11KW/710 RPM – 3 Units with Main Circulating water pumps & Auxiliary circulating water pumps.

INFORMATION:

1. Fuel mix which is being used in the Power Plant:-
Boiler is suitable for petcoke / imported coal / lignite and Indian coal as fuel with Calorific value between 3000-8000 Kcal/ Kg and has been running mainly on imported coal with 5000 GCV / Petcoke with 8000 GCV
2. The year of make of the Power Plant:-
2008 / Boiler - CVPL / Turbine - Triveni
3. Whether the plant is presently in operation and whether load/ running trial can be arranged. Plant is in standby operation and load trial can be arranged at customer cost.

PHOTOGRAPHS:-













