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

**1 No. 12 MW CVL/ Triveni (2004/05) make Coal/ Rice Husk fired Power Plant, having the Following Technical Specifications:**

<b>COAL HANDLING PLANT</b>	
<b>Belt Conveyor - 1</b>	
Total Length	160 Mts
Belt Width	800 mm
Belt Thick	10 mm
No of Ply	4
Gear Box Make	Shanthi Gears
Gear Ratio	40/1
Motor Capacity	15 KW
Motor Control	DOL
<b>Belt Conveyor - 2</b>	
Total Length	185 Mts

Belt Width	800 mm
Belt Thick	10 mm
No of Ply	4
Gear Box Make	Shanthi Gears
Gear Ratio	40/1
Motor Capacity	11 KW
Motor Control	DOL
<b>Belt Conveyor - 3</b>	
Total Length	70 Mts
Belt Width	650 mm
Belt Thick	10 mm
No of Ply	4
Gear Box Make	Shanthi Gears
Gear Ratio	40/1
Motor Capacity	7.5 KW
Motor Control	DOL
<b>Shuttle Conveyor</b>	
Total Length	30 Mts
Belt Width	8000 mm
Belt Thick	10 mm
No of Ply	4

Gear Box Make	Shanthy Gears
Gear Ratio	40/1
Motor Capacity	3.5 KW
Motor Control	DOL
<b>Coal Crusher</b>	
Make	Solcon
Coal In/Out Size	100/6 mm
Type	Impact Hammer Crusher
No of Hammers	12
Capacity	40 TPH
Motor Capacity	75 KW
Motor Control	Star Delta
<b>Vibrating Screen</b>	
Make	
Size	2640 X 1734
Type	Counter Weight Inclined screen
MOC	Spring Steel
No of Screen	2
Motor Capacity	15 KW
Motor Control	DOL

<b>BOILER</b>	
Make	CVPL
Furnace	Air Fluidized Bed Combustion type
Capacity	52 TPH
Main Steam Line Working Pr.	65 Kg/cm <sup>2</sup>
Super Heater Out let Temp.	495 °C ± 5°C
Type	Single Drum Water Tube Boiler
<b>ID Fan</b>	
Make	CVL
Flow Capacity	35.52 m <sup>3</sup> /sec
pressure	180 mm of wc
Motor Capacity	90 KW
RPM	1480
Control System	VFD
<b>FD Fan</b>	
Make	CVL
Flow Capacity	22.23 m <sup>3</sup> /sec
pressure	750 mm of wc
Motor Capacity	230KW
RPM	1480
Control System	VFD

<b>PA Fan</b>	
Make	CVL
Flow Capacity	6.18 m <sup>3</sup> /sec
pressure	700 mm of wc
Motor Capacity	75KW
RPM	1480
Control System	Damper Control
<b>Boiler Feed Water Pump</b>	
Make	Sulzer
Flow Capacity	55 m <sup>3</sup> /Hr
pressure	95 Kg/cm
Motor Capacity	250 KW
RPM	2980
Motor Control System	Star Delta
No of Pumps	2
<b>Drag Chain Feeder</b>	
Make	CVL
Flow Capacity	3.5 T/Hr (Approximate)
Motor Capacity	2.4 KW
RPM	1480
Motor Control System	Star Delta

No of Pumps	4
<b>Fuel Feeding Pocket Feeder</b>	
Make	CVL
Flow Capacity	3 T/Hr (Approximate)
Motor Capacity	1.5 KW
RPM	1480
Motor Control System	VFD
No of Pumps	8
<b>HP Dosing Pump</b>	
Make	
Pump Type	Reciprocating Pump
Motor Capacity	0.37 KW
RPM	1480
Motor Control System	DOL
No of Pumps	2
<b>LP Dosing Pump</b>	
Make	
Pump Type	Reciprocating Pump
Motor Capacity	0.37 KW
RPM	1480
Motor Control System	DOL

No of Pumps	1
<b>LP Dosing Pump</b>	
Pump Type	Reciprocating Pump
Motor Capacity	0.35 KW
RPM	1480
Motor Control System	DOL
<b>Boiler Control System</b>	
Control System	DCS
Make	ABB Freelance 2000

<b>ASH HANDLING PLANT</b>	
<b>ESP</b>	
No of ESP	5
3 Nos make	Thermax
2 Nos Make	VT corporation
Ash conveying System	Dense
Ash Silo - 1 Capacity	120 MT
Ash Silo - 2 Capacity	180 MT
<b>Ash Screw Feeder</b>	
Make	Power Built P Ltd
Pump Type	Double Screw Single shaft

Motor Capacity	7.5 KW
RPM	1480
Motor Control System	Star Delta
No of Pumps	2
<b>Air Compressor</b>	
Make	ELGI
Type	Screw Compressor
Motor Capacity	440 CFM
RPM	1480
Motor Control System	Star Delta
No of Pumps	2
<b>Water Treatment Plant</b>	
<b>RO Feed Pump</b>	
Type	Centrifuge Pump
Capacity	10 m/Hr
Motor Rating	5.5 KW
Motor Speed	2980 RPM
Motor Control	DOL
No of Pumps	2
<b>RO High Pressure Pump</b>	
Type	Multi Stage Centrifuge Pump



Capacity	10 m/Hr
Motor Rating	15 KW
Motor Speed	2980 RPM
Motor Control	DOL
No of Pumps	2
<b>Cooling Tower Make up Pump</b>	
Type	Centrifuge Pump
Capacity	10 m <sup>3</sup> /Hr
Motor Rating	5.5 KW
Motor Speed	2980 RPM
Motor Control	DOL
No of Pumps	2
<b>DM water Make up Pump</b>	
Type	Centrifuge Pump
Capacity	15 m <sup>3</sup> /Hr
Motor Rating	5.5 KW
Motor Speed	2980 RPM
Motor Control	DOL
No of Pumps	2
<b>DM Plant Capacity</b>	<b>4.5 m<sup>3</sup>/Hr</b>
<b>RO Capacity</b>	<b>4.5 m<sup>3</sup>/Hr</b>

<b>TURBINE GENERATOR SET</b>	
Make	Triveni
Power Rated	12000 KW
Steam Pressure (Inlet)	63 Kg/cm <sup>2</sup>
Steam Temp. (Inlet)	495 °C ± 5°C
Steam Flow	50600 Kg/Hr
Bleed - 1 Steam Pressure	3.85 Kg/cm <sup>2</sup>
Bleed - 1 Steam Flow	3750 Kg/Hr
Bleed - 2 Steam Pressure	1 ATA
Bleed - 2 Steam Flow	2380 Kg/Hr
Exhaust Pressure	0.18 ATA
Turbine Speed	6827 RPM
No of Stages	11 (13 Disc)
<b>Gear Box</b>	
Make	TEIL - Mysore
Type	Double Helical
Speed Input/Output	6827/1500
<b>Auxiliary Oil Pump</b>	
Make	Tushaco
Model	OPU-A-3018L

Type	Geared
Capacity	180 GPM
<b>Control Oil Pump</b>	
Make	Tushaco
Model	OPU-AC-0518R
Type	Geared
Capacity	17 IGPM
Discharge Pr	15 Kg/cm <sup>2</sup>
No of Pumps	2
<b>Emergency Oil Pump</b>	
Make	Tushaco
Type	Geared
Capacity	48 IGPM
Discharge Pr	3.5 Kg/cm <sup>2</sup>
Motor	DC
<b>Oil Cooler</b>	
Make	Eskay Industries
Model	TB25AM4680B-R2
Type	Horizontal Duplex
Capacity	180 GPM
<b>Air Cooled Condenser</b>	

Make	GEA Energy India P Ltd
Bundle Type	K & D
No of K Bundles	28
No of D Bundles	4
No of Fans	4
Control Systems	VFD & DOL
Motor Capacity	110 KW
<b>Condensate Extraction Pump</b>	
Make	KSB
Pump Type	Single StageCentrifuge Pump
Motor Capacity	45 KW
RPM	2980
Motor Control System	Star Delta
No of Pumps	2
<b>Condensate Drain Pump</b>	
Make	Sulzer
Pump Type	Single StageCentrifuge Pump
Motor Capacity	7.5 KW
RPM	2980
Motor Control System	Star Delta
No of Pumps	2

<b>Auxiliary Cooling Water Pump</b>	
Make	Kirloskar
Pump Type	Single Stage Centrifuge Pump
Motor Capacity	45 KW
RPM	1480
Motor Control System	Star Delta
No of Pumps	2
<b>TG Control System</b>	
Control System	PLC

**PHOTOGRAPHS:**















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