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

**1 No. – 82 MW GE (2002) make, Type LM2500+ based Combined Cycle Power Plant having the following technical specifications:**

**GASTURBINES DETAILS:**

Brand name	GENERAL ELECTRIC- NORWAY PACKED	
Model	LM2500 Plus PK- MDWG03	
Power	30	MW
Start up date	Oct 14,2005	
Turbine production date	2002	
GTG 1 - Operating hours	47,300	Hours
GTG 2- Operating hours	47,000	Hours
Fuel type	NATURAL GAS & LIQUID FUEL (DUAL FUEL)	
Generator brand name	ABB	
Generator cooling	WATER COOLED	
Generator revolution	1,500	RPM
Generator power	37,800	KVA
Weight	55,500	kg
Gen. Production date	2002	

**HEAT RECOVERY STEAMGENERATORS DETAILS:**

BRAND NAME	IST (INNOVATIVE STEAMTURBINES) CANADA	
Type	OTSG (ONCE THROUGH)	
Production date	2002	
Hp steam pressure	54	barg
Hp steam temperature	475	C
Hp flow	9,89	kg/sec
Lp steam pressure	3,98	barg
Lp steam temperature	245	C
Lp flow	3,98	kg/sec
Preheater pressure	22,9	barg
Preheater temp	115	C
Preheater water flow	5,5	kg/sec

**STEAM TURBINE DETAILS:**

Brand name	GE NUOVO PIGNONE ITALY	
Model	HNK 50/80	
Power	21.99	MW
Revolution	5,050	rpm
Condensate temp	49	C
Condensate pressure	-0,8816	barg
Turbine weight	72,000	kg
Gear box brand name	FLENDER	
Gear box revolution	5,050/1,500	RPM
Generator brand name	ABB	
Power	30,630	KVA
Weight	46,000	kg
Production date	2002	

**GAS TURBINE TRANSFORMER DETAILS:**

Transformer power 154/11 kv	40	MVA
manufacturer	ABB	
startup date	09.06.2005	

**STEAM TURBINE TRANSFORMER DETAILS:**

154/11 kv transformer power	31	MVA
Manufacturer	ABB	
Start up date	13.06.2005	

**AUXILIARY TRANSFORMER DETAILS:**

Dry type		
11/0,4 kv transformer power	2500	KVA
Brand name	ABB	
Start up date	09.06.2005	

**START UPBOILER DETAILS:**

Trademark	ERENSAN / TURKEY
Manufacturer	ISI SANAYI A.S.
Model	HDK 700
Type	Wet Back - 3 Pass
Output (nominal)	7000 Kg/hr
Operating Pressure	10.5 bar
Design Pressure	11.025 bar
Combustion Efficiency	88% at full load
Steam Temperature	186 °C Saturated-dry

**INDUSTRIAL MONOBLOCK BURNER (light oil) DETAILS:**

Manufacturer	RIELLO - Italy
Type	MB 6 LE
Fuel	Light oil
Output	6000 kW
Operating Principle	Electronic control of fuel/air ratio
Light Oil Delivery	461 m3/hr
Pressure Probe	0 -18 bar
PRODUCTION DATE	2002

**OVERHEAD TRAVELLINGCRANE DETAILS:**

Manufacturer	BÜLBÜLOĞLU / TURKEY	
Capacity big one	35	ton
Capacity small one	5	
Production date	2002	
Motor power	30/7,5	kW
Revolution	1800	rpm
Motor manufacturer	LEROY SOMER	

**BOILER FEED WATERPUMPS DETAILS:**

Manufacturer	KSB / CANADA	
Poump type	HGC 2/14	
Flow	36,9	t/h
Outlet pressure	10,86	Mpa
Motor manufacturer	LEROY SOMER	
Power	250	kW
Date of year	2002	

**CONDENSATE PUMPS DETAILS:**

Manufacturer	GOULDS / USA	
Model	IC/ICB	
Size	100-65-200	
Flow	105	m3/h
Type	HORIZONTAL	
Motor power	22	kW

**AIR COOLED CONDENSER (ACC) DETAILS:**

Manufacturer	HAMON / USA	
Cell	5	EA
Type	TEK SIRALI	
Fan motor power	75	kW
Cooling	AIR	
Steam flow	25,64	kg/s
Steam temp	45	C
Steam pressure	62,5	mbara
Fan gear box manufacturer	HANSEN	
Gear box power	190	kW
Fan motor revolution	1485-297	rpm

**AIR COMPRESSOR DETAILS:**

Manufacturer	INGERSOLL RAND / CANADA	
Model	SIERRA SM 45	
Type	SCREW DRIVER	
Cooling type	WATER COOLING	
Capacity	7,12	m3/min
Pressure	8,5	barg
Current at max load 380 v	95	Amper
Weight	800	kg

**DEMI WATER UNIT DETAILS:**

Supplier	GE GLEGG / CANADA	
Capacity	20	m3/H
Reverse osmosis type	CPA3	
Ro membrane manufacturer	HYDRANAUTICS	
Row quantity	4	ea
Membrane quantity	28	ea
E-cell unit	GE MK-2 TYPE	
Demi water pumps manufacturer	ITT GOULDS	
Condansate polisher	MIXBED	
Condansate polisher	2	ea

**FIRE SYSTEM DETAILS:**

Diesel pump manufacturer	DEUTZ	
Supplier	PATTERSON / USA	
Diesel pump capacity	2500	gpm
Pressure	110	psi
Production date	2002	

**ELECTRICAL PUMPS DETAILS:**

Manufacturer	PATTERSON / USA	
Capacity	1250	gpm
Pressure	140	psi

Production date	2002
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**JOKEYPUMP DETAILS:**

Manufacturer	GRUNDFOS	
Electrical motor	BALDOR	
Motor power	5	hp
Pressure	30	gpm
Capacity	350	psi

**BLACK OUT DIESEL GENERATOR DETAILS:**

Manufacturer	VOLVO PENTA	
Model	TAD740GE	
Generator	LEROY SOMER	
Nominal power	200	kW
Revolution	1500	rpm
Production date	2002	

**ABSORBTION CHILLER (GAS TURBINE INLET AIR COOLING SYSTEM) DETAILS:**

Brand name	ALARKO CARRIER / TURKEY	
Type	16JB	
Capacity	2390	kW

**PHOTOGRAPHS:**







