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

1 No. – 60 MW GE make, Combined Cycle Power Plant having the following technical specifications:

GAS TURBINE DETAILS:

Gas Turbine Type : LM6000-PC-NGW 627
Manufacturer : GENERAL ELECTRIC
Inlet Temperature : 15°C
Nominal Active Power : 50,000 kW
Fuel Type : Natural Gas
Exhaust Outlet temperature : 451°C
Exhaust Outlet Pressure : 140 mm H2O
Compressor Levels : LPC: 5 HPC: 14
Speed (Cycle) : 3600
Turbine Levels : LPT: 5 HPT: 2

GEARBOX DETAILS :

Manufacturer : FLENDER
Model Nr : 410131435
Serial Nr : 11311
Cycle Rate : 1,209:1
Inlet Cycle Number : 3627
Outlet Cycle Number : 3000
Service Factor : 1, 15 (API)

GENERATOR DETAILS :

Manufacturer : MEIDEN
Unit Power : 64500 kVA
Cycle : 3000
Voltage : 11500 V
Current : 3238 A
Power Factor : %80

***NITIN CORPORATION,
MUMBAI.***

***1 No. 60 MW GE make
Combined Cycle Power Plant***

Phase	:	3
Frequency	:	50 Hz
Excitation Voltage	:	315 V
Field Voltage	:	516 A
Weight	:	76000 kg
Generator Type	:	800LL09 EK-AFT
Model	:	800LL09
Serial No	:	4A5160R1
Running Condition	:	Continuously
Standard	:	IEC 60034
Environment Temp	:	15°C
Cooling	:	15°C with Air
Rotor Insulation Class	:	F
Stator Insulation Class	:	F
Protection Class	:	IP20
Phase Sequence	:	U-V-W

WARNING GENERATOR DETAILS :

Manufacturer	:	MEIDEN
DC Outlet Current	:	485 A
DC Outlet Voltage	:	325 V
Cycle (Speed)	:	3000
Current	:	9,1 A
Voltage	:	105 V
Protection Class	:	IP20
Production Date	:	2011
Model No	:	800LL09 EK-AA
Serial No	:	4A5162R1
Running Type	:	Continuously
Standard	:	IEC 60034
Environment Temp	:	15°C
Running Height	:	< 1000 m
Arm. Insulation Class	:	F
Field Insulation Class	:	F

PERMENT MAGNET GENERATOR DETAILS :

Cycle	:	3000
Phase	:	1
Frequency	:	200 Hz
Voltage	:	172 V
Current	:	14 A
Model No	:	800LL09 EK-AFP
Serial No	:	4A5162R1

GOVERNOR DETAILS :

Manufacturer	:	Woodward
Serial No	:	17171051 1010

STEAM TURBINE DETAILS :

Model	:	SST 300
Manufacturer	:	SIEMENS
Outlet Power	:	13350 HP
Nominal Inlet Pressure	:	52 bar
HP Nominal Inlet Temperature	:	424 °C
LP Nominal Inlet Pressure	:	6 bar
LP Nominal Inlet Temperature	:	225 °C
Nominal Power	:	12 000 k
Exhaust Outlet Temperature	:	80 °C
Exhaust Outlet Pressure	:	0,070 bar a
Cycle	:	7059 rpm

GEARBOX DETAILS:

Manufacturer	:	RENK
Type	:	TB-630
Power	:	14100 KW
Turnover Rate	:	4,719
Inlet Cycle	:	7078, 1
Outlet Cycle	:	1500
Service Factor	:	1, 15 (API)

GENERATOR DETAILS :

Manufacturer	:	SIEMENS
Power	:	15706 kVA
Cycle	:	1500
Voltage	:	11500 V
Current	:	789 A
Power Factor	:	%85
Phase	:	3
Frequency	:	50 Hz
Excitation Voltage	:	136 V
Field Current	:	484 A
Product Date	:	2012
Generator Type	:	1DU1744-8AF02-Z
Serial No	:	FQ179269
Environment Temperature	:	15°C
Cooling	:	Water Cooling
Insulation Class	:	F
Phase Must	:	U-V-W

CONDENSER DETAILS:

Field Surface	:	1218 m2
Model No	:	Surface Condenser
Test pressure (Shell Side)	:	0/5 bar
(Tube side)	:	1, 5 /8.8 bar

Capacity (Shell Side) : 54000 l
(Tube side) : 12100 l

BT TURNING GEAR MOTOR DETAILS:

Manufacturer : AKH
Model : HEF200LG
Type : 5197012/001
Serial No : IMV1/B5
Insulation Class : F
Protection Class : IP55
Voltage : 400/690 V
Frequency : 50 Hz
Power : 30 kW
Cycle : 2950
Current : 51, 7 A
Cos F : 0, 91

ST LUBE OIL PUMP (AC) DETAILS:

Manufacturer : SIEMENS
Model : MAV5AA510
Type : 5197012/001
Serial No : IMV1/B5
Insulation Class : F
Protection Class : IP55
Voltage : 400/690 V
Frequency : 50 Hz
Power : 30 kW
Cycle : 2950
Current : 51, 7 A
Cos F : 0, 91

ST LUBE OIL PUMP (DC) DETAILS:

Manufacturer : WINKELMANN
Standard : EN60034 / EN60079
Type : GNFZE 132 / 2
Product Date : 2011
Protection Class : IP55
Voltage : 110 VDC
Current : 56 A
Power : 5, 1 kW
Environment Temp : 20 / 50 °C
Insulation Class : H / F

ST COOLING CIRCULATION PUMP DETAILS :

Manufacturer : SIEMENS
Model : UD1206/1442129-01-1
UD1206/1442129-01-2
Type : 5197012/001

Serial No : IMV1/B5
Insulation Class : F
Protection Class : IP55
Voltage : 400/690 V
Current : 55/32 A
Frequency : 50 Hz
Power : 30 kW
Cycle : 1475
Cos F : 0,85

ST OIL TANK VACUUM FAN DETAILS :

Manufacturer : GARDINER DENVER
Model : G-BH12BH1500
Type : 7AH16
Serial No : BN10129624014
Insulation Class : F
Protection Class : IP55
Voltage : 240 V
Current : 5,7 A
Frequency : 50 Hz
Power : 1,3 kW
Cycle : 2800
Cos F : 0,85

ST GLAND CONDENSER VACUUM MOTOR DETAILS:

Manufacturer : WEG
Frequency : 50 Hz
Power : 3 Kw
Voltage : 220/380 V
Current : 10 /5, 77 A
Cycle : 2910
Cos Q : 0,86

ST CONDENS PUMP DETAILS:

Manufacturer (Pump) : SIEMENS
Model : IL66120
Type : 4MA61-2
Serial No : UCI203/100238601
Frequency : 50 Hz
Power : 26,7 kW
Voltage : 400/690 V
Current : 65/37, 5 A
Cycle : 1475
Cos F : 0,85

ONCE THROUGH STEAM GENERATOR IST OTSG DETAILS:

Manufacturer : Innovative Steam Technologies (IST)
Heat Load : 50000 kW

Total Capacity	:	44395 kg/s
Running Pressure	:	55.5 Bar
Water Inlet Temperature	:	40 °C
Steam Temperature	:	426 °C
Flue Gas Temperature	:	122 °C
HP Capacity	:	52 Bar / 424 °C / 11.96 kg/s
LP Capacity	:	6 Bar / 225 °C / 3.82 kg/s

SWITCHGEAR, MV PLANT and ETL

TRANSFORMER(TR 1) DETAILS :

Manufacturer	:	SIEMENS
Type	:	Outdoor Type
Serial No	:	110153B/01
Standard	:	IEC 60296
Product Date	:	2011
Frequency	:	50 Hz
Cooling Type	:	ONAN/ONAF
Nominal Voltage	:	154000 / 11500 V
Connection Group	:	YNd11
Nominal Power	:	14000/18000 kVA
Short Circuit Voltage %	:	13, 5
Nominal Cur (154 kV)	:	52, 49 A / 67, 48 A
Nominal Cur (11, 5 kV)	:	702, 86 A / 903, 68 A
Temperature Increase	:	55 K /60 K
Tap Changer Type	:	ON-LOAD MR V III 200 Y-76KV-10193G

TRANSFORMER (TR 2) DETAILS :

Manufacturer	:	SIEMENS
Type	:	Outdoor Type
Serial No	:	110153A/01
Standard	:	IEC 60296
Product Date	:	2011
Frequency	:	50 Hz
Cooling Type	:	ONAN/ONAF
Nominal Voltage	:	154000 / 11500 V
Connection Group	:	YNd11
Nominal Power	:	52000 / 65000 kVA
Short Circuit Voltage %	:	13,5
Nominal Cur (11,5 kV)	:	2610,63 / 3263,28 A
Temperature Increase	:	60/55°K
Tap Changer Type	:	ON-LOAD MR V III 350 Y-76Kv-10193g

SERVICE TRANSFORMER (TR 3) DETAILS :

Type	:	Outdoor Type
Serial No	:	67054
Standard	:	TS 267 EN 60076-1

Product Date	:	2011
Nominal Power (kVA)	:	3150
Nominal Voltage (V)	:	11500 / 400
Nominal Current (A)	:	158,144 / 4546, 63
Free Current (%)	:	0, 84
Nominal Insulation (HV)	:	10443 (60 s)
Nominal Insulation (LV)	:	8673 (60 s)
Frequency	:	50 Hz
Connection Group	:	Dyn 11
Cooling Type	:	Short
Circuit Voltage (%)	:	6
Free Turn Rate	:	11, 5 / 0, 4 kV
Service	:	Continuously
Short Circuit Time (Max)	:	60 s
Oil Weight	:	2140 kg
Total Weight	:	9100 kg

GT GENERATOR FEEDER CELL DETAILS :

(With car, cutter, current and voltage transformer cell)

Manufacturer	:	SIEMENS
Type	:	NX AIR P
Serial/Order No	:	7024000055
Voltage	:	36 kV
Operating Voltage	:	34, 5 kV
Current	:	1250 A
Frequency	:	50 Hz
Short Circuit Current	:	25 kA, 3 s
Blow Current	:	62, 5 kA
Product Date	:	2012

GT INCOMING FEEDER CELL DETAILS :

(With car, cutter, current and voltage transformer cell)

Manufacturer	:	SIEMENS
Type	:	NX AIR P
Serial No	:	7024000055
Voltage	:	12 kV
Operating Voltage	:	11, 5 kV
Current	:	4000 A
Frequency	:	50 Hz
Short Circuit Current	:	50 kA, 3 s
Blow Current	:	80 kA
Product Date	:	2012

SERVICE TRANSFORMER FEEDER CELL DETAILS :

(With car, cutter, current and voltage transformer cell)

Manufacturer	:	SIEMENS
Type	:	NX AIR P
Serial No	:	7024000055

Voltage	:	12 kV
Operating Voltage	:	11, 5 kV
Current	:	1250 A
Frequency	:	50 Hz
Short Circuit Current	:	50 kA, 3 s
Blow Current	:	80 kA
Product Date	:	2012

ST SERVICE TRANSFORMER FEEDER CELL DETAILS:

(With car, cutter, current and voltage transformer cell)

Manufacturer	:	SIEMENS
Type	:	SIMOPRIME
Serial/Order No	:	NQ7024000054
Voltage	:	12 kV
Operating Voltage	:	11, 5 kV
Current	:	2820 A
Frequency	:	50 Hz
Short Circuit Current	:	25 kA, 3 s
Blow Current	:	63 kA
Product Date	:	2011