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THE FOLLOWING GAS FIRED GENERATOR SETS ARE AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

2 Nos. – 8.73 MW (Each) Wartsila make, Type 20V34SG, Identical Gas Engine Generator Sets, having the following technical specifications:

<u>Sr.no.</u>	<u>Equipment Name</u>	<u>Details</u>	<u>Date of Commissioning</u>	<u>Turbocharger make and type</u>
1	Engine - 1,	Make: Wartsila India Ltd. Capacity: 8.73MW, Type: 20V34SG	4-Feb-07	Napier turbocharger Type - 357 Specification - 3GS107B 168-1 Sr.No.-703034 Max. speed- 23040 Max.temp.650
2	Engine - 2,	Make: Wartsila India Ltd. Capacity: 8.73MW, Type: 20V34SG	17-Apr-07	Napier turbocharger Type - 357 Specification - 3GS107B 168-1 Max. speed- 23040 Max.temp.650

ENGINE RUNNING HOURS:

Engine - 1	35179
Engine - 2	38522

Last Overhaul details:

Maint. Hours	Maint. Done Date & RH	Engine No.	
		GEG - 1	GEG - 2
24K	RH	24940	22200
	Date	31.08.10	29.06.10
16K	RH	17367	16873
	Date	01.09.09	30.09.09
12K	RH	24940	22200
	Date	31.08.10	29.06.10
8K	RH	26668	24489
	Date	18.12.10	30.12.11
4K	RH	35054	35086
	Date	02.09.13	12.07.14
2K	RH	35054	34505
	Date	24.09.13	19.05.14

PHOTOS& SCOPE OF SUPPLY:

Engine



Make:Wartsila India Ltd.

Capacity: 8.73MW

Type: 20V34SG

Engine Control Room- MAIN PLC PANEL



Napier Turbocharger



Type: 357

Specification: 3GS107B 168-1

S.No: 703034

Max. Speed: 23040

Max. Temp: 650

Engine free end side



LT Thermostat



Type: ES0200M1A04A22Ko

Serial no: 116148004, Ped group - 2

HT Thermostat Valve

Type: ESO 200H1A04A00HD

Serial no: 127790026 ,II -2GD

PED Group: 2, Ps.max - 8bar(116psi) TS-80/-20deg c

Preheating Motor



Type: AE 2572

No.: 208414/06,Pn -10 ,Q -100

Motor: OKFN - 814, DN-12

Phase - 3, Hz- 50, Volt.- 415, 1.9amps

P2, 0.55kw, IP 54, 240V, 3.3A, cos - 0.7

Field PLC control panel in Engine Hall



NGR panel for Alternator



Alternator



Make: ABB

Capacity: 10.913MVA,

Generation Voltage: 6.6 KV



Gas Regulating Unit



RMG No.: 32341/1

Drawing No.: 80305107

Order no: PP4500221522

Serial No.: 102232

Work No.: P/05087 Malanpur

TAG No.: ZAC 011

Make: RMG regel + messtechnik GMBH
Osterholzstr- 45D - 34123 kassel/Germany

PS: 16 bar

S.No. 602213

Current output: - 4-20mA

Make : GMBH Germany

RMG Main Valve

Type: RMG - 402 ,DN - 80, Sr.No- 060641347

DVGW : NG 4301AS 0043

Bar: 16

Orifice : 80 mm

Gas Regulating Unit



Blower



Venter Tekniska AB
Goteborg Stockholm Sweden

Fan type: MPT 290T spec IP 55

Motor type: SKG 112M-2 4.0KW
400/690V, /Y 50HZ, 7.8/4.4A
Cos Q 0.87, ISOI - Cl.F 2915 rpm
No.060224, Art no.-113550253

Ventilation System for Engine



Lub Oil Heat Exchanger



ABB Circuit Breaker Detail



Model No: HPA 12 / 1240 CF
Manufacture year : 2006
Rated Voltage: 12 KV
Rated Current: 1600 A
Frequency: 50 Hz
Insulation level: 28/75 K Vp
SF6 gas per pole: 0.25 Kg Approx.
SF6 Pr. At 20 0C: 2 to 2.5 bar
Closing / opening coil voltage: 110 Vdc
Motor voltage : 230VAC
Short circuit breaking current: 40 KA rms
Short circuit current duration: 1 Sec.
Short circuit making current: 100 KA
Mass: 185 Kg Appro

Charge Air Filter



Wartsila made JTK power OY
Type: SCAS NS -600/35 db(A)
Manufacturing No.: 06207, Manu. Year - 0609
Max. Temp.: 80deg.cen. , Weight - 400kg
JTK power OY

Plate heat exchanger (For Hot water supply to captive user)



Type: M15 Bf M8,Sr.no.30109-93-140

Max.Work Temp.: 110 deg.cen.,Year -2006

Design: pr.-6ATG

Plate Pack Length: 417 plates ,139mm



WHRM Technical Details



Waste Heat Recovery Boilers : 1 Nos.

Capacity: 5270 Kg/hr

Design Pressure: 14.5 Kg/cm²

Type: Water Tube Boiler

Heating Surface: 1306 m² (including economizer)

Make: Thermax



Boiler Control Panel



Chimney Height 30 Mtrs



Radiator Motor Control Panel and Frequency Drive



Radiator Motor



BROOK, P/N. 160W0001591

Crompton, Phase: 3, Cos- 0.77

Type: W4 -DA 160MM -P DG 737708

KW: 4.0,Hz-30, Y: 380, RPM: 575

Temp: 75 cen., Amb.: 75

DE: 6309 C3, NDE 6307C+B221