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

1 NO. - 37 MW HFO Fired Power Plant Comprising Of 3 Nos. 12.35 MW Each, MAN B&W HFO Generator Sets Having The Following Technical Specifications :

TECHNICAL DETAILS

<u>SR. NO.</u>	<u>SPECIFICATIONS</u>	<u>ENGINE 1</u>	<u>ENGINE 2</u>	<u>ENGINE 3</u>
ENGINE DETAILS:				
1	MAKE	MAN B&W DIESEL AUGSBERG, GERMANY.		
2	CAPACITY	12350 kW	12350 kW	12350 kW
3	YEAR OF MAKE	1999	1999	1999
4	SPEED	500 RPM	500 RPM	500 RPM
5	TYPE	12V48/60	12V48/60	12V48/60
6	No. OF CYLINDER	12	12	12
7	CYLINDER BORE DIA	480 MM	480 MM	480 MM
8	CYLINDER STROKE LENGTH	60	60	60
9	OPERATING FUEL	HFO	HFO	HFO
10	HFO CONSUMPTION	225 GRAMS/ kWH	225 GRAMS/ kWH	225 GRAMS/ kWH
11	LUBE OIL CONSUMPTION	0.7 Grams/kWH	0.7 Grams/kWH	0.7 Grams/kWH
ALTERNATOR DETAILS:				
1	MAKE	SEIMENS		
2	TYPE	IDK 5143- 3BE06-Z	IDK 5143- 3BE06-Z	IDK 5143- 3BE06-Z
3	YEAR OF MAKE	1998	1998	1998
4	CAPACITY	15340 KVA	15340 KVA	15340 KVA
5	VOLTAGE	11000 V	11000 V	11000 V
6	AMPS	805 A	805 A	805 A
7	SPEED	500 RPM	500 RPM	500 RPM
8	DUTY TYPE	S1	S1	S1

9	P.F.	0.8	0.8	0.8
10	INSULATION CLASS	F	F	F
12	ENCLOSURE	IP 21	IP 21	IP 21
13	COOLING	IC 01	IC 01	IC 01
14	EXCITATION – V	73V	73V	73V
15	EXCITATION – A	8.5A	8.5A	8.5A
OPERATING HISTORY:				
1	ENGINE RUNNING HRS.	35432	35914	35222
2	HOURS AT WHICH LAST OVERHAUL IS DONE	27150	27150	27150
3	NO. OF HRS RUN AFTER LAST OVERHAUL	8282	8764	8072

TECHNICAL DATA& SCOPE :

SL	ENGINES AND PUMPS DETAILS	MOTORS DETAILS	SUPPLIER BY	QUANTITY
1	ENGINES	ALTERNATORS		
	Make; MAN B&W DIESEL AUGSBURG, GERMANY. Type.12V48/60 Power.12350Kw Pme.22.7 Rpm.500 Year.1999	MAKE.SIEMENS Type.1DK 5143-3BE 06-Z-1998 3NGEN,No.D98 603 015 03 Volts.11000, Amps.805 KVA.15340, Duty Type.S1 Power factor.0.8 Rpm.500 Exict Self.73Volts, Amps.8.5 Th. CL.F	Germany	3Nos
2	LUBE OIL PUMP	MOTOR		
	Make; LEISTRITZ Flow.315 m3/hr Max.perssure.10 bar Type.LSNT-125/184 IF0GA-0	Make; DUTCHI R C.E M.no.141481001 Type.DMI 515 S4 3Ph, 415Volts, 50Hz Amps.184, Rpm.1485, 110Kw	Germany	3Nos
3	CYLINDER COOLING WATER PUMP	MOTOR		
	Make; Iron pump Flow.150m3/hr Type. QV 10/300 Head.44MWC	Make: CE M.No.4852903 Type.16BA-0223-4AA61-Z 225M A. Synchronic motor, 3Ph, 415v, 50Hz,	Germany	3Nos

		78.5Amps, 1475rpm 45/60,Kw/Hp		
4	CHARGE AIR COOLING WATER PUMP	MOTOR		
	MAKE.IRON PUMP TYPE.CNLB 150-150/315, PUMP NO.CNL 2948/1, Capacity:170M3/hr Head:.26 Mts Rpm.1470 KW: 17	Make; C.E M.No.9205196,Type.VG1 801 L04 A. Synchronic motor, 3Ph, 415v 50Hz. 39Amps, 1460rpm 22Kw	Germany	3Nos
5	NOZZLE COOLING WATER MODULE	MOTOR		
	MAKE.GRUNDFOS. TYPE.CH 8-50A –CVBE MODEL.B4N 508025 P 29908 U 3X220-240/380/415V KW: 1.7,Capacity.8 M3/HR Head.32M	Type.CH-8-50A-A-CVBE Model.B4N 508025 P 29908 V. 3x220-240/380-415v I1/1;5.8/3.4A, 50Hz	Germany	3Nos
6	LUBE OIL COOLERS	MOTOR		
	Make; ALFA LVEL Type.M15-MFM8 Manufacture No.30102-38617 Year.1999, Volume.602.5 Lts Test Pressure.15 bar Max Working pressure.10 bar Max working Temp. 100/c Area –A .1077 mm No of Plats.242 Gasket/plate Specification- 316/0.5/NIT/CLIP-ON	Motor not used	Germany	3Nos
7	HT WATER COOLER	MOTOR		
	Make; ALFA LVEL Type.M15-MFM8 Manufacture No.30102-38620 Year.1999, Volume.142.5 Lts Test Pressure.7.5 bar Max Working pressure.5.0 bar Max working Temp. 100/c Area –A .258 mm No of Plats.58 Gasket/plate Specification- 316/0.5/NIT/CLIP-ON	Motor not used	Germany	3Nos

8	LT WATER COOLER	MOTOR		
	Make; ALFA LAVAL Type.M10-BFM Manufacture No.3 Year.1999, Volume.74.6 Lts Test Pressure.7.5 bar Max Working pressure.5.0 bar Max working Temp. 100/c Area –A .348 mm No of Plats.114 Gasket/plate Specification- 316/0.5/NIT/CLIP-ON	Motor not used	Germany	3Nos
9	FO BOOSTER MODUL PUMP & VISCOSITY PUMP	MOTOR		
	Make: LEISTRZ Machine No.8770002 Type.L3NG-45/17 A POU1-Z / Make. SCHERZINGER Type.EVM-2 FAB No.994373NUTZWHAL/LTR-1 Max. Pres. 16 bar Max Temp. 200/c	1.Make:ROTOR-C,E M.No.9052173 A. Synchronic motor.4AP 901-4. Type.M310 TROP.C 411. 3Ph, 240/415v. 50Hz, 1420rpm, 6.3/3.6A, 1.5Kw 2. Make: EG 7150-1 AY-RL. M. No. 06/98-53834053, 230v, 50/60Hz, 0.45A, 34Watts, 1300/1400rpm	Germany	3Nos
10	STARTING AIR COMPRESSOR	MOTOR		
	MAKE :INGERSOLL RAND SIZE.5.5 & 3&1-5/8X4 MODEL NO.15T2	Make: SIEMENS M.No.N8/405705, Frame.160m 3Ph, 50Hz ,415v, 21Amps 1445rpm, 11Kw Delta. connection.	India	3Nos
11	LUBE OIL SEPARATOR	MOTOR		
	Make: ALFA LAVAL Type.LOPX709SED34, Product.no.881243-02.03	Make :ABB, M.No.993052 3Ph, 50Hz, 415v, 21.5Amps, 1140rpm, 11 KW	Germany	3Nos
12	LUBE OIL FEED PUMP	MOTOR		
	TYPE.ACP038 N1 NVBP Sr.NO.415083,479095,479023 ALFA LAVAL-1762164-01 IMO AB	Make: CE, M.NO: 7024732 Type.14A24A0901, 3Ph, 50Hz, 415v, 3.2 Amps, 1110rpm, 1.3 KW	Germany	3Nos
13	TURNING GEAR MOTOR	MOTOR		
	MAKE.ABGA112 MB-04M	Make: LOHER		

	SR.NO.2159784 RPM.1430	Type.ABGA-112MB-04M, 50Hz, 415v, 8.6 Amps, 1430rpm, 4.0 KW 3Ph,	Germany	3Nos
14	ALTERNATOR BEARING OIL PUMP	MOTOR		
	MAKE.LINM-PUMPEN TYPE.FLM310 15.99 Q.7.4l/M IN RPM.1450	Make: SIEMENS Type.EN60034 1LA 7073-4AA10 32142 6001, 3Ph, 50Hz, 230/ 415v,1.78/1.03 Amps, 1400rpm,0.37Kw	Germany	3Nos
15	CYLINDER LUBRICATION PUMP	MOTOR		
		Make: CE-VEM MOTORS GMBH, M.NO: 159167872H,IMV18090 Type. K2IR71C8-4RWE/3315F, I,3Ph,415V,50Hz, 0.090mps,1420rpm, 0.15KW	Germany	6Nos
16	VALVE SEAT LUBRICATION PUMP	MOTOR		
		Make: CE , TYPE&M.NO :DOMA63S*4-SI83-1,DT01/99 3Ph,380/415V,50Hz, 0.69Amps,1500rpm, 0.18KW	Germany	6Nos
17	11KV GEN- CIRCUIT BREAKER	MOTOR		
	MAKE: Siemens ,DESIGN CODE: 1G TYPE:3AH 116-2, MOY:1999 NO.S :3AH/00006676, IR:1250A, UR:12KV 50/60 HZ, TK:35 ISE:40.0KA M:125KG UP : 28.0KV Rated operated security 0-3min-co-3min-co	Motor not used	Germany	3Nos
18	VENTILATION FAN	MOTOR		
		Make: ABB, Type.HX180ML B6 Squirrel cage IM , 3Ph,50Hz, 415v, 29.0Amps,	INDIA	6Nos

		950rpm, 15/20 KW/Hp delta Connection.IP-55 Insulation class 'F' A.T 40°c N89%, DUTY S1		
19	SIEMENS AUXILLARY PENNEL	Motor not used	Germany	3Nos
20	SIEMENS PLC OPERATING PENNEL	Motor not used	Germany	3Nos
21	SIDUR 2000 EXICTATION UNIT	Motor not used	Germany	3Nos
22	OIL BATH ROTARY FILTER	MOTOR	Germany	
	Make: Locker filtration Type. Auto flow. Model .no.9-50 em, Sump capacity.165 lts& 205 lts	Make. PARVALUX Volts.240,Amps.0.76 Hz.50,Watt.100 Rpm.400	England	3Nos
23	OIL MIX DETECTOR	Motor not used	Germany	3Nos
24	SFLASH OIL MODULE	Motor not used	Germany	3Nos
25	15kL LUBE OIL SERVICE TANK		Germany	3Nos
26	HT WATER EXPANTION TANK		Germany	3Nos
27	LT WATER EXPANTION TANK		Germany	3Nos
28	HFO LEAK OIL TANK PUMP	MOTOR		1No
29	LUBE LEAK OIL TANK PUMP	MOTOR		1No
30	LUBE OIL SLUDGE TANK	CAPACITY 5KL		1No
31	CONDENSATE WATER TANK	CAPACITY 2KL		1No
32	PRE-WATER HEATER TANK			1No
33	AIR BOTTEL	CAPACITY 30 KG/CM2		3No
34	PRE-WATER HEATER PUMP	MOTOR		1No
35	CONDENSATE WATER TANK	2KL		1No
36	CONDENSATE WATER TANK	2KL		1No
37	WMI EOT Crane 10 ton			01No
38	HFO RING MAIN PUMP	MOTOR		
	Make: KRAL Type: KV450-2A1A NRD-22515 Capacity: 10m3/hr , Rpm: 1760	Make: AEG Type: AM160MZA4 KW: 22.5 , Amps: 12.9 Volta:415 , Hz:50 Rpm: 1760	Germany	2Nos
39	DIESEL RING MAIN	MOTOR		

	PUMP			
	Make: KRAL Type: KV450-2A1A NRD-22515 Capacity: 10m3/hr , Rpm: 1760	Make: AEG Type: AM160MZA4 KW: 22.5 , Amps: 12.9 Volta:415 , Hz:50 Rpm: 1760	Germany	2Nos
40	HFO SEPARATOR FEED PUMP	MOTOR		
	Make: IMBO SCREW PUMP Type: DESIGNATION ACP-038N1 NVBP ALFALAVAL-	Make: ABB Type: MZAA100LA M. No. 7024779 KW: 2.2 , Amps: 4 Volta:415 , Hz:50 Rpm: 1430	India	2Nos
41	HFO SEPARATOR	MOTOR		
	Make: ALFALAVAL Type:FOPX609 TFD24 Rpm: 1500	Make: ABB Type: M2AA 160 M-4 KW: 11.5 , Amps: 21.5 Volta:415 , Hz:50 Rpm: 1440	India	2Nos

PHOTOS :





















