

### 4.2 MW WARTSILLA SPARE PARTS LIST

Sr. No	DESCRIPTION OF ITEM	MODEL	SPECIFICATION
01	Engine Sr.No.-20785 Make - Wartsila	12V32LN	<b>KW - 4318</b> Rpm - 750 R/S - 12.5 Mfg. dt. - 10/2000 Spec. no. 173310
02	Alternator Sr.no. - 4565674/2000 Make - ABB	Type- AMG-0900MK08	KVA-5208 p.f. - 0.80 Duty - S1 Ic - 0A1 Rpm - 750 (nr 900) Im - 101, Ip -21 Y 11000 v, Iec - 34-1, 273 A Insul.cl. - F, 50 Hz Excit - 76v, 8.9 A Ambient temp.- +50 °C
03	H.F.O. Separator no.-1 Make- Alfa Laval	Type- MFPX 307 TFD-21	Product no.-8811390-01-06 Mfg.Sr.no. /year-4111623/2000 Max.Speed (Bowl)-8375rpm Motor Speed -3000rpm Motor power-7.5 Kw Max. Density of feed-1100 kg/m3 Max. Density of sediment-1984 kg/m3 Max. Density of Operating liquid -1000 kg/m3
04	H.F.O. Separator no.-2 Make- Alfa Laval	Type - FOPX- 605	Mfg.no. -4065402 Rpm -118-125 Motor Kw- 4 Kw Motor rpm-1440 Volt-220 /380 A-8.7, Hz -50
05	Cooling Tower Sr.no. -B002-0099	457-D-F	Paharpur Cross flow cooling tower

### 4.2 MW CAPTIVE POWER PLANT EQUIPMENT & ACCESSORIES LIST

06	Feeder Unit	Unit Type-HFO Feeder	Mfg. sr.no. -WD0584 V/Hz- 415/50	01W + 01S
07	Transfer Unit	Unit Type-HFO transfer	Mfg. sr.no.-WD0583 V/Hz- 415/50	01W+01S
08	Unloading Unit	Unit Type-HFO unloading	Mfg. sr.no.-WD0585 V/Hz- 415/50	01W+01S
9	Hydrophore Unit		Mfg. sr.no.-WD0501 V/Hz- 415/50	01W+01S
10	L.O.Separator	LOPX 705 SFD-34	Mfg.sr.no. /year - 4111622/2000 Product no.- 881149- 01-03 Max.Speed (Bowl)- 7607rpm Motor Speed - 1500rpm Motor power-4 Kw Max. Density of feed- 1100 kg/m3 Max. Density of sediment-1531 kg/m3 Max. Density of Operating liquid -  1000 kg/m3 Process temp min/max -0/100 °C	01 no.
11	NTC Unit	N-T-C-02	Mfg. sr.no. -WD0587 V/Hz- 415/50	01W+01S

12	Booster Unit	AMB-L 05EE	Sr.No. - 4938	01W+01S
13	Starting Air Comp. Make :Ingersoll-Rand	7T2	Size: 5"&2"x4" Sr.No.AHM - 00001542 Motor- kw (hp) 7.5(10) RPM - 1440	01W+01S

14	Instrument Air Comp. Make-Ingersoll-Rand	7100	Sr.No.00002639 Motor - kw (hp) 11(15) RPM - 1460	01 No.
15	Charge Air Filter	AAF		01no.
16	(WOIS) COMPUTER Program for monitoringt			
17	Battery Charger 110VDC	Mass Teck		01no.
18	LT Control panels (MCC, PCC)			01each
19	Maxheat steam heating skids (transfer, HFO Separator & Lube oil sep.) (Spent about 20 lakhs)			01each
20	Full load T/C turbine washing unit			01no.
21	Lube oil transfer trolleys			02nos.
22	Expansion tank for HT/LT water			01no.
23	One additional exhaust silencer			01no.
24	FO, WATER & Air pipe lines			01set
25	Trolley filter for charge air filter			01no
26	Mono block over head chain pulley block			02no
27	Exhaust fan for ventilation			03nos
28	Engine Control Panel			01no
29	HSD Day tank (Capacity 999ltrs)			01no