

Sr. No	DESCRIPTION OF ITEM	MODEL	SPECIFICATION	QUANTITY
01	Engine Make – Niigata	18V32CLX	KW - 6218 Rpm - 600 R/S - 10 Mfg. dt. – 11/2000 Spec. no.	01 no.
02	A C Generator Make – TDPS	Type- TD172	KVA-7625 p.f. - 0.80 Duty - Ic - 01 Rpm - 600 Im - , Ip -21 Y 11000 v, Iec - , 400 A Insul.cl. - F, 50 Hz Excit – 181V, 370 A Ambient temp.- +50 °C	01 no.
03	H.F.O. Separator Make- Alfa Laval	Type- FOPX 3605 TFD-20	Product no.- 881111-03-01 Year- /2003 Max.Speed (Bowl)-7605 rpm Motor Speed – 1500 rpm Motor power-4 KW Max. Density of feed-1100 kg/m ³ Max. Density of sediment-1896 kg/ m ³ Max. Density of Operating liquid -1000 kg/m ³	01 no.
05	Cooling Tower			01 no.

CAPTIVE POWER PLANT EQUIPMENT & ACCESSORIES LIST

06	EGB Make - Thermax	2DNC 3.45 TPH EGB Boiler	G933 Working Pr.-8 kg/cm ² Temp- 179 °C Heating surface area- 767m ² Designed Pr.-11.25 kg/cm ² Steam flow -3450 kg/hr. Gas I/L temp to boiler- 404 ± 10°C Gas O/L temp to boiler- 208 ± 5°C Pressure drop- 100 mmWC(max.) Safety v/v setting - (1) 11.25 kg/cm ² (2) 9.00 kg/cm ²	01 no.
07	Feeder Unit	Unit Type- HFO Feeder	Mfg. sr.no. – V/Hz- 415/50	01W + 01S
08	Transfer Unit	Unit Type- HFO transfer	Mfg. sr.no. V/Hz- 415/50	01W+01S
09	Unloading Unit	Unit Type- HFO unloading	Mfg. sr.no V/Hz- 415/50	01W+01S
10	Hydrophore Unit		Mfg. sr.no. V/Hz- 415/50	01W+01S
11	L.O.Separator	MOPX 207 SGT-24	Year -/2003 Product no.- 881033-11-03 Max.Speed (Bowl)-6321 rpm Motor Speed –1500 rpm; Motor power- 7.5 Kw Max. Density of feed-1100 kg/m ³ Max. Density of sediment-1989 kg/m ³ Max. Density of Operating liquid - 1000 kg/m ³ Process temp	01 no.

min/max -0/100 °C			
12	NTC Unit	Mfg. sr.no. –	01 no.
V/Hz- 415/50			
13			
14	Starting Air Comp/ Instrument Air Comp Make :ELGI	HP1C300 Size: Motor- kw (hp) 7.5(10) RPM - 950 Working Pressure: 30 Kgf/cm ²	01 no.
15			
16	Charge Air Filter	AAF	01 no.
17	Structural supported chimney Height - meters, Dia - mm		01no.
18	(WOIS) COMPUTER Program for monitoring.		01set
19	LT Control panels (MCC, PCC)		01each
20	Max heat steam heating skids (transfer, HFO Separator & Lube oil sep.)		01each
21	Full load T/C turbine washing unit		01no.
22	FO Storage tank (Cap 1000KL, 500KL)		01each.
23	FO Buffer tank (Cap 10KL)		01NO.
24	FO Day Tank (Cap 10KL)		01NO.
25	Sludge Tank (Cap 10KL)		01NO.
26	FO, WATER & Air pipe lines		01set
27	Over head EOT crane		01no
28	Engine Control Panel		01no
29	HSD Day tank (Capacity 4.5 KL)		01no
30	HSD storage tank (capacity 20KL)		01no
31	LT cables, control cables of respective accessories		01set
32	NGR Panel		01no.
33	Storage tank for DM water (Syntex tank)		01no.
34	DM plant		01no.