Annexure - III

DAUND SUGAR LTD.

SR. NO.	TECHNICAL DATA	DETAILS
1	Boiler parameters-Pressure ata/Temp 0c/TPH (Existing)	88 ata/515±5°C/ 100TPH
2	T.G. Set Type & capacity (Existing)	Double extraction cum condensing & 18 MW
3	Operating days	210
4	Steam requirement TPH (Existing)	98 TPH
5	Steam to HP Header TPH.	6 TPH
6	Steam required to dearator TPH (Existing)	3.5 TPH
7	Steam through condenser TPH	16 TPH in season & 55 TPH in off season
8	Type of water Tube/ Fuel Tube of Boiler	Water Tube
9	If fluidized Bed Combustion indicates FBC/PFF boiler	--
10	Year of manufacture of Boiler	2008
11	Type of grate & grate area of Boiler	Travelling grate & 36.53 m²
12	Coal Consumption per month (Actual/ Envisaged as per design)	--
13	Turbine:	18 MW
	a) Gross Heat Rate (with Calculations) of the Turbine Generator Cycle (in KCal / kWh)	860 k Cal/KWH
	b) Inlet Steam Parameters	84 ata/510±5°C/ 100TPH
	c) Inlet Steam Quantity	98 TPH
	d) Cooling water flow	4200m³/hr
	e) Generated Voltage Level	11 KV
	f)Circulating cooling water temperature at inlet and outlet to condenser, Deg. C	32°C 40°C
	g) Maximum continuous Rating (MCR) of Turbine	17.1 MW in season & 55 TPH in off season
	h) Frequency	50 HZ
	i) Speed	6800

DAUND SUGAR LTD. Alegaon (Kadambodi)

PTO

Regd Off.: At post Alegaon, Tal. - Daund, Dist. - Pune - 413 801. I E- mail : daundsugars@yahoo.in / daundsugars@gmail.com
Ph.: 91-2117-305 802, 1 Fax : 91-2117-305 805.

DAUND SUGAR LTD.

SR. NO.	POWER BALANCE	DETAILS
1	Specific steam consumption/kWh/8ata/2.5 ata	5.8 Kg/KWH
2	Power generation MW / MUS	17.1 MW/hr
3	Captive Power MW / MUS	6.1 MW/hr
4	Power Export MW / MUS	11 MW/hr

SR. NO.	FUEL UTILIZED	DETAILS
1	Type of Biomass: i) Agro Industrial Residue ii) Agro residue	Only Bagasse
2	Quantity of Biomass i) Daily (Tones) ii) Yearly (Tones)	40 MT/Hr
3	Cost of Biomass at site (Rs. Per ton)	1800/MT
4	Proposed biomass storage facility	–
5	Biomass Collection Mechanism	–
6	Supplementary (fossil) fuel (%)	–

DAUND SUGAR LTD. Regd. No. U15421PN2007PLC130272 Alegaon (Maharashtra)

Daund Sugar Ltd.
Alegaon, Tal.Daund,Dist.Pune

Regd Off.: At post Alegaon, Tal. - Daund, Dist. - Pune - 413 801. I E- mail : daundsugars@yahoo.in / daundsugars@gmail.com
Ph.: 91-2117-305 803, 1 Fax : 91-2117-305 805.

DAUND SUGAR LTD.

PROJECTED COST OF PRODUCTION OF POWER PER UNIT
(18 MW CO-GEN POWER PLANT)

1) Base Season	2011-12
2) Power Generation MW	90342
3) Power Export MW	61960

SR. NO.	FINANCIAL DATA	DETAILS		
1	Biomass Power Project Cost Rs.	6,200.00 Lacs		
2	Fixed : a) Interest on project Term Loan Rs. 5000 Lacs @12% b) Working Capital W.C. Loan Rs. 1000 Lacs @11% c) Depreciation Capital Investment incurred Rs. 5600 Lacs @10% d) O & M Expenses 1) Water Cost Rs. 75 Lacs 2) Factory Overhead Rs. 50 Lacs 3) Repairs & Maint. Rs. 400 Lacs 4) Salary & Wages Rs. 150 Lacs 5) Administrative Exp. Rs. 75 Lacs 6) Selling & Market Rs. 50 Lacs	600.00 Lacs 110.00 Lacs 560.00 Lacs 800.00 Lacs		
3	Variable:	Rs. Per MW		Per Unit Rs.
	a) Biomass collection Cost			
	225000 MT x Rs. 2000/- PMT	4,500.00 Lacs		
	b) Biomass Cost Per MW/Per Unit	4,981.07 Per MW		4.98
4	Capital Cost pre MW without (Fix Cost)			
	a) Per ton Biomass Collection	1,405.76 Per MW		1.41
	Fix Cost Rs. 1270 Lacs (2a+2b+2c)			
	b) O & M on Project	885.52 Per MW		0.88
	Others Cost Rs. 800 Lacs (2d)			
	Total 4	**2,291.28 Per MW**		**2.29**
5	Production Cost (3b+4)	7,272.35 Per MW		7.27
6	Tariff considered Rs./Units (Actual Received)	4,790.00 Per MW		4.79
7	Total revenue/Cash accrual 1st year 61960 MW x Rs. 7272/-PMW 2nd year 3rd year 4th year	4,505.00 Lacs		

DAUND SUGAR LTD. Baramati (Maharashtra)

P T O

Regd Off.: At post Alegaon, Tal. - Daund, Dist. - Pune - 413 801. I E- mail : daundsugars@yahoo.in / daundsugars@gmail.com
Ph.: 91-2117-305 802, I Fax : 91-2117-305 805

DAUND SUGAR LTD.

8	Debit : Equity	0.78 Lacs	
10	Equity SSK	1,291.41 Lacs	
11	Equity State Govt.		
12	SDF	1,658.59 Lacs	
13	FI/ Bank	3,250.00 Lacs	
14	IRR (%)	16.20%	
15	DSCR (Average)	2.00	
16	Break Even (%)	६२ %	
17	Payback period	3.5 Years	

DAUND SUGAR LTD.

Chief Accountant
Daund Sugar Ltd., Alegaon
Tal. Daund, Dist. Pune.

Regd Off.: At post Alegaon, Tal. - Daund, Dist. - Pune - 413 801. I E- mail : daundsugars@yahoo.in / daundsugars@gmail.com
Ph.: 91-2117-305 802. I Fax : 91-2117-305 805.