



Indreshwar Sugar Mills Ltd.

Reg. No. -U15621PN2010PTC135614-2009-10 Dt.-17 Feb 2010

Ref. No.

Dt. / / 201

8	Debit : Equity Ratio	14.88
10	Equity 5 % SSK	168.56
11	Equity 5% State Govt.	NA
12	SDF (36.46%) Sanctioned on Sept12.	514.62
13	FI/ Bank (53.54%)	1993.41
14	IRR (%)	25.17
15	DSCR (Average)	2.20
16	Break Even (%)	164.16
17	Payback period	10 Years


Finance Manager
Indreshwar Sugar Mills Ltd.
Uplav (T.), Tal. Barshi


Chief Engineer
Indreshwar Sugar Mills Ltd.



Indreshwar Sugar Mills Ltd.

Reg No. - U15421PN2010PTC130614 On going better ahead 10

Ref. No.

Annexure-III

01 / / 201

A) TECHNICAL DETAILS:

SR.NO.	TECHNICAL DATA	DETAILS
1	Boiler Parameters-Pressure (kg/cm ²)/Temp (°C)/TPH (Existing)	72 Kg/cm ² cg 510°C ± 5 70 TPH @ MCR
2	T.G. Set type & capacity (Existing)	Back Pressure 12MW
3	Operating days	179 days
4	Steam requirement TPH (Existing)	64.2 TPH
5	Steam to HP Header TPH	7.75 TPH
6	Steam Required to deaerator TPH (Existing)	5.45 TPH
7	Steam through condenser TPH	NA
8	Type of water Tube/Fuel Tube of Boiler	Water tube bi-drum
9	If fluidized bed combustion indicates FBC/PFF boiler with model no.	NA
10	Year of manufacture of Boiler	2010
11	Type of grate & grate area of boiler	Dumping grate 44.87 M ²
12	Bagasse consumption per month (Actual/Envisaged as per design)	854 MT
13	Turbine:	
	a) Gross Heat Rate (with calculations) of the Turbine Generator Cycle (in Kcal / kWh)	6695kcal/kwh
	b) Inlet Steam Parameters	70 kg/cm ² cg
	c) Inlet Steam Quantity	64.2 TPH



Indreshwar Sugar Mills Ltd.

Reg. No. d) ~~Generating water flow~~ 1300/14-2009-10 Dt. 17 Feb 2010

Ref. No.	e) Generated Voltage Level	225 M ³ /hr.
	f) circulating cooling water temperature at inlet and outlet to condenser, Deg. C	11 KV
	g) Maximum continuous Rating (MCR) of turbine	32/40 ⁰ C
	h) Frequency	12 MW
	i) Speed	50 Hz
		1500 RPM

SR.NO.	POWER BALANCE	DETAILS
1	Specific steam consumption/kWh/ata/2.5ata	6.15
2	Power generation MW/MUS	33323600 kWh
3	Captive Power MW/MUS	14333299 kWh
4	Power Export MW/MUS	18990301 kWh
SR.NO.	FUEL UTILIZED	DETAILS
1	Type of Biomass: Agro Industrial Residue Agro residue	Only bagasse is used as fuel
2	Quantity of Biomass Daily (Tones) Yearly (Tones)	NA
3	Cost of biomass at site (Rs. per ton)	NA
4	Proposed biomass storage facility	NA
5	Biomass collection mechanism	NA
6	Supplementary (fossil) fuel (%)	NA

[Signature]
Finance Manager
Indreshwar Sugar Mills Ltd.
Uplai (T.), Tal. Darsi

[Signature]
Indreshwar Sugar Mills Ltd.



Indreshwar Sugar Mills Ltd.

Reg No. U15421PNL2010PTC135614-2009-10 Dt. 17 Feb 2010

Ref. No.

DT. / / 2001

B) FINANCIAL DETAILS:

SR. NO.	FINANCIAL DATA	DETAILS
1	Bagasse Cogen Project Cost Rs. In lakh	2623.42
2	Fixed :	
	a) Interest on project	140.84
	b) Working Capital	15.00
	c) Depreciation	73.81
	d) O & M Expenses	29.59
3	Variable Cost:	
	a) Biomass (Bagasse) Cost	Rs. 1537.07 Lakhs
4	Capital Cost per MW without	
	a) Per ton Biomass Collection	
	b) O & M on Project	Rs. 421.02 Lakh/Annum
5	Production Cost Rs. /Unit	Rs. 6.86/Unit
6	Tariff considered Rs./Units	Rs. 4.60/Unit
7	Total revenue/Cash accrual (Rs. Cr.)	
	1 st year	848.60
	2 nd year	
	3 rd year	
	4 th year	
	5 th year	

Contd. ...