

2. Financial / Commercial Details

The Financial / commercial data provided by the unit has been certified by Chartered accountant.

2.1 Financial Details as per annexure III of MEDA Tender document.

Sr. No.	Financial / Commercial Data	
1	Cogen Project Cost Rs.	110.03 Crores
2	Modernization Project Cost Rs.	
3	Total Project Rs.	110.03 Crores
4	Capital cost per MW with modernization	
5	Capital cost per MW without modernization	4.50 Crores
6	Cost of Production Rs. / Unit	Rs. 3.80/KWH
7	Cost of Steam for Distillery Use Rs. / MT Total Cost Rs. Cr.	Rs. 823.10/MT
8	Cost of Electricity for Distillery Use Rs. / Unit Total Cost Rs. Cr.	Rs. 3.80/KWH
9	Tariff considered Rs./Unit	Rs. 4.29/KWH
10	Total revenue/Cash accrual (Rs. Cr.)	
	1st Year 2007-2008	1930.64 Lacs
	2nd Year 2008-2009	8342.82 Lacs
	3rd Year 2009-2010	11706.05 Lacs
	4th Year 2010-2011	11405.65 Lacs
	5th Year 2011-2012	4851.19 Lacs
11	Debt: Equity	2.23 : 1
12	Equity	26.82 Crores
13	Equity State Govt.	N.A.
14	SDF	N.A.
15	FIDBank	58.51 Crores
16	IRR (%)	
17	DSCR (Average)	1.48
18	Break Even (%)	
19	Pay back period	5 to 6 Years

1.5 Technical details as per annexure-III of MEDA Tender document:

Sr. No.	TECHNICAL DATA	SEASON	OFF SEASON
1	Crushing Capacity Licensed	2500 MT	-
2	Crushing Capacity Actual	2076.857	Excluding Outages
3	Crushing Capacity considered for Cogen Project (Average of last 5 years)	1818.810	Excluding Outages
4	Boiler Parameters- Pressure atal Temp 0c/TPH (Existing)	68.5 atal/ 505 ⁰ C/ 85 TPH	68.5 atal/ 505 ⁰ C/ 57 TPH
5	Boiler Parameters- Pressure atal Temp 0c/TPH (Existing)	68.5 atal/ 505 ⁰ C/ 85 TPH	68.5 atal/ 505 ⁰ C/ 57 TPH
6	T.G. Set Type & capacity (Existing)	Impulse, Extractions & Condensing	Impulse, Extractions & Condensing
7	T.G. Set Type & capacity (Existing)	Impulse, Extractions & Condensing	Impulse, Extractions & Condensing
8	Operating days	168	147
9	Steam requirement TPH (Existing)	85 TPH	57 TPH
10	Steam consumption % on cane for sugar (Existing)	40 TPH	NIL
11	Steam to HP Header TPH	5 TPH	5 TPH
12	Steam requirement to Distillery TPH (Existing)	8 TPH	8 TPH
13	Steam Required to deaerator TPH (Existing)	6.0 TPH	6.5 TPH
14	Steam through condenser TPH	26 TPH	38.5 TPH
15	Topping cycle efficiency % (>45%)	-	-
16	Thermal use % (>20%)	-	-

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A.	FUEL UTILIZED	SEASON	OFF SEASON
1	Ratio of bagasse to steam (Existing)	1:02	-
2	Bagasse production % cane & TPH Biogas Equivalent Bagasse cane trash Total Bagasse Production MT.	30.74%	-
3	Bagasse used during season % cane/TPH Total Bagasse production MT	30684 MT	-
4	Bagasse saved % cane & MT	NIL	-
5	Bagasse used during off season TPH / Total Qty MT	-	NIL
6	Alternate Fuel used during season TPH/Total Qty MT 1) Biogas- 2) Cane Trash	Coal, Biomass	Coal, Biomass
B	POWER BALANCE	SEASON	OFF SEASON
1	Specific Steam Consumption / kWh/ton/2.5ata	4.67	4.32
2	Power Generation MW / MUS	49.325	86.245
3	Captive Power MW / MUS	9.467	10.259
4	Power Export MW / MUS	39.756	76.089