

2. Financial / Commercial Details

The Financial / commercial data provided by the unit has not been certified by any certifying agency / Chartered accountant.

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

Sr. No.	Financial / Commercial Data	
1	Cogen Project Cost Rs.	14176 Lakhs
2	Modernization Project Cost Rs.	NIL
3	Total Project Rs.	14176 Lakhs
4	Capital cost per MW with modernization	354.40 Lakhs
5	Capital cost per MW without modernization	354.40 Lakhs
6	Production Cost Rs. / Unit	6.48
7	Cost of Steam for Distillery Use Rs. / MT Total Cost Rs. Cr.	NA
8	Cost of Electricity for Distillery Use Rs. / Unit Total Cost Rs. Cr.	NA
9	Tariff considered Rs./Units	4.79
•10	Total revenue/Cash accrual (Rs. Cr.) 1st Year 2nd Year	23.50 1383.42
11	Debit: Equity	1.15 : 1
12	Equity 5% SSK	1417.6
13	Equity 5% State Govt.	Nil
14	SDF (36.46%)	3263
15	FI/Bank (53.54%)	9495.39
16	IRR (%)	9.75
17	DSCR (Average)	1.74
18	Break Even (%)	44
19	Pay back period	11 years

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

Sr. No.	TECHNICAL DATA	SEASON	OFF SEASON
1	Crushing Capacity Licensed	7500 TCD	None
2	Crushing Capacity Actual	7500 TCD	None
3	Crushing Capacity considered for Cogen Project (Average of last 5 years)	7500 TCD	None
4	Boiler Parameters- Pressure ata/ Temp °C/TPH (Existing)	Press. 109 Ata Temp. 540 °C TPH-180	
5	Boiler Parameters- Pressure ata/ Temp °C/TPH (Existing)	Press. 109 Ata Temp. 540 °C TPH-181	
6	T.G. Set Type & capacity (Existing)	Bleed Cum Extraction Cum Condensing Turbine	
7	T.G. Set Type & capacity (Existing)	Bleed Cum Extraction Cum Condensing Turbine	
8	Operating days	180	60
9	Steam requirement TPH (Existing)	180	None
10	Steam consumption % on cane for sugar (Existing)	42%	0
11	Steam to HP Header TPH	30	None
12	Steam requirement to Distillery TPH (Existing)	N.A.	N.A.
13	Steam Required to dearator TPH (Existing)	5.2	None
14	Steam through condenser TPH	11	None
15	Topping cycle efficiency % (>45%)	24%	None
16	Thermal use % (>20%)	31%	None

A.	FUEL UTILIZED	SEASON	OFF SEASON
1	Ratio of bagasse to steam (Existing)	28-30 %	None
2	Bagasse production % cane & TPH Biogas Equivalent Bagasse cane trash Total Bagasse Production MT	28-30 %	None
3	Bagasse used during season % cane/TPH Total Bagasse production MT	28-30 %	None
4	Bagasse saved % cane & MT	None	None
5	Bagasse used during off season TPH / Total Qty MT	None	None
6	Alternate Fuel used during season TPH/Total Qty MT 1) Biogas- 2) Cane Trash	None	None
B.	POWER BALANCE	SEASON	OFF SEASON
1	Specific Steam Consumption / kWh/Bata/2.5ata	0.54	None
2	Power Generation MW / MUS	38.2 MW	40MW
3	Captive Power MW /MUS	3.04MW	3.6MW
4	Power Export MW / MUS	28.02MW	36.2MW