

SHRI VITHAL SAKHARI SAKHAR KARKHANA LTD
ANNEXURE - III

Sr.No.	Technical Data	SEASON	OFF SEASON
1.	Crushing Capacity Licensed (TCD)	5000	---
2.	Crushing Capacity Actual (TCD)	6000	---
3.	Crushing Capacity Considered for Co-Gen Project (Average of last 5 Years)	6000	Nil
	Boiler Parameters Pressure ata./Temp 0 c/TPH(Existing)	45 bar 490° C 60 TPH	45 bar 490° C 45TPH
3	Boiler parameters- Pressure ata./Temp 0 c/TPH(Existing)	45 bar 490° C 55 TPH	45 bar 490° C 45TPH
6.	T.G. Set Type & capacity (Existing)	Condensing cum extraction, with bleed, turbine 8.6MW	Condensing cum extraction with bleed, turbine 10MW
7.	T.G. Set Type & capacity (Existing)	Condensing cum extraction, with bleed, turbine 8.6MW	Condensing cum extraction with bleed, turbine 10MW
8.	Operating days	160 as per DPR	75as per DPR
9.	Steam requirement TPH (Existing)	55 TPH	45TPH
10.	Steam consumption % or case for sugar (Existing)	48 %	---
11.	Steam to HP Header TPH	---	---
12.	Steam requirement to Distillate TPH (Existing)	3 TPH	5TPH
13.	Steam required to denature TPH (Existing)	4TPH	4TPH
14.	Steam through condenser TPH	9TPH	16TPH
15.	Topping cycle efficiency % (A45 %)	46	46
16.	Thermal use % (A20 %)	Above 20 %	Above 20 %
A.	FUEL UTILIZED	SEASON	OFF SEASON
1.	Ratio of bagasse to steam (Existing)	1:2.1	1:2.1
2.	Bagasse production % cane & TPH Bingus Equivalent Bagasse cane trash	28.23% Bagasse -	- -
3.	Total Bagasse production MT	361369.5 MT	
4.	Bagasse used during season % cane/TPH Total Bagasse used, MT	26 TPH for COgen Boiler	
5.	Bagasse saved % cane & MT		
6.	Bagasse used during off season TPH/Total Qty MT	-	22 TPH
7.	Alternate fuel used During season TPH/Total Qty MT 1. Hingra-2.Cane Trash	---	---
B.	POWER BALANCE	SEASON	OFF SEASON
1.	Specific steam consumption/kwh/ata 2.5 ata	6.39kg/kwh	4.5kg/kwh
2.	Power generation MW/ MUS	8.6MW	10MW as per DPR
3.	Captive Power MW/ MUS	14951.1MWH	From Nov2011 to Jun2012
4.	Power Export MW/ MUS	18527.255MWH	From Nov2011 to Jun2012

[Signature]
Co-Generation Incharge,
Shri Vithal Sah. Sakhar
Karkhana Ltd, Vinodagan

[Signature]
Works Manager,
Shri. Vithal Sah. Sakhar Karkhana
Ltd, VINODAGAR
Po. Gursale, Tal. Pandharpur

ANNEXURE - III

SR. NO.	Financial / Commercial Data	
1.	Cogen project Cost Rs.	2543.00 Laks
2.	Modernization project cost Rs	962.86 Laks
3.	Total project Rs	3505.86 Laks
4.	Capital cost per MW with modernization	330.59 Laks
5.	Capital cost per MW without modernization	254.30 Laks
6.	Production Cost Rs/ Unit	
7.	Cost of Steam for Distillery Use Rs. /MT Total Cost Rs. Cr.	0.83
8.	Cost of Electricity for distillery use Rs/ unit Total Cost Rs. Cr.	0.83
9.	Tariff considered Rs./ Units	4.79
10.	Total revenue/ Cash accrual (Rs. Cr.)	
	1 st year----	3.3
	2 nd year up to 31/01/2012	6.42
	3 rd year	
	4 th year	
	5 th year	
11.	Debit : Equity	1:0.26
12.	Equity 5 % SSK	223.44 Laks
13.	Equity 5 % State Govt.	127.15 Laks
14.	SDF (36.46 %)	1148.04 Laks
15.	FI/ Bank (53.54 %)	2007.23 Laks
16.	IRR (%)	22.74
17.	DSCR (Average)	1.05
18.	Break Even (%)	
19.	Pay back period	5 years


(M. V. Chavan)
 I/c. Managing Director
 Enri Vitthal S. S. K. Ltd.
 Varanagar, Gursale.