ANNEXURE – 1.2

DETAILS OF COST OF THE PROJECT & MEANS OF FINANCE

PROJECT : 80 KLPD Total Spirit Plant Alcohol Plant :

Sr. No.	Description	Investment (Rs. in lacs)
1.	**Main Plant and Machinery :** Main plant and Machinery comprising of Fermentation and Multi Pressure Distillation plant suitable to produce 64,000 LPD Total Spirit plant along with Auxiliaries and Electrification from MCC onwards and PLC based Instrumentation.	1600.00
2.	**Molasses Storage, weighment & transfer** Molasses storage facility comprising Bulk storage (30 days), transfer pumps, piping & valves, etc.	Already Available
3.	**Spirit Storage Section** Spirit storage facility comprising Daily Receivers, Bulk Storage Tanks facility of RS, IS/TA and ENA, Transfer pumps, issue measures, interconnecting Piping, etc.	100.00 (Augmentation of Existing Facilities)
4.	**Borewells, Water Treatment Plant (Soft Water & DM Water Plant)** Sand filter, Activated carbon filter Ion exchange Towers, RO / DM Plant Associated pumps, piping, valves etc. Estimate may vary with source water quality	30.00 (Augmentation of Existing Facilities)
5.	**Plant Electrification** Comprising of : Transformer, PCC & Plant Lighting for all the sections Necessary cabling, cabling trays, trenches, Earthing, Starters, relays, push buttons, Yard lighting, yard lighting etc. DG sets – 2 no.	150.00
6.	**Bottling plant** comprising of Blending Tanks, receivers, agitators, Bottle Washers, Bottling lines, Packaging, piping and valves etc. (4000 – 5000 Cases / Day)	250.00
7.	Laboratory equipment, Fire Fighting equipment, hydrant piping & valves, etc.	60.00
8.	Misc. Fixed Assets, weighbridge, vehicles, etc.	Already Available
9.	Inter-connecting Piping, of Utilities with misc. sections	30.00
10.	Bio-composting Plant & Machinery, Transfer Piping, Pumps, etc.	Already Available
11.	Misc. ETP, Neutralization & Recycling, etc.	60.00

12.	**Civil and Structural work :**	
A.	• Molasses Tank, • Main plant & machinery, Foundations & Structure • Spirit Receiver and Bulk storage section • Effluent Treatment plant for Misc. Streams • Cooling tower Basins, pump foundations etc. • Other sections like laboratory building, MCC room, Administrative Building. • Sumps, Drains, Plant flooring, • Water Storage Tanks (Underground), • Boundary Wall, Roads, Gates, Weighbridge foundation	520.00
B.	Blending room, Bottle Washing Sumps, Bottling Hall	200.00
C.	Biocompost Yard, Lagoon, PM & Compost Storage (15 Acres)	Already Available
	TOTAL ESTIMATED INVESTMENT	**Rs. 3000.00**

Cost of Project will be Rs.30 Crores which will be arranged Approx. 40% from in house and balance 60% from bank loans.