

| Sr. No. | Financial Data                       | Details |
|---------|--------------------------------------|---------|
| 1       | Bagasse Power Project Cost Rs. Lakhs | 1430.85 |
| 2       | Fixed:                               |         |
| a       | Interest on project                  | 0.21    |
| b       | Working Capital                      | --      |
| c       | Depreciation (Rs. Lakhs)             | 93.77   |
| d       | O&M Expenses (Rs. Lakhs)             | 28.26   |
| 3       | Variable (Rs. Lakhs)                 |         |
| a       | Bagasse Collection Cost              | 360.28  |
| 4       | Capital Cost per MW without          | -       |
| a       | Per tone Biomass Collection          | -       |
| b       | O&M on Project                       | -       |
| 5       | Production Cost Rs./Unit             | 1.56    |
| 6       | Tariff Coonsidered Rs./Units         | 4.79    |
| 7*      | Total revenue/Cash accrual (Rs. Cr.) |         |
|         | 1 <sup>st</sup> Year                 | 3.98    |
|         | 2 <sup>nd</sup> Year                 | 3.67    |
|         | 3 <sup>rd</sup> Year                 | 4.88    |
|         | 4 <sup>th</sup> Year                 | 7.04    |
|         | 5 <sup>th</sup> Year                 | 9.99    |
| 8       | Debit: Equity                        |         |
| 9       | Equity 5% SSK                        | 422.03  |
| 10      | Equity 5% State Govt.                |         |
| 11      | SDF (36.46%)                         | 303.32  |
| 12      | FI/Bank (53.54%)                     | 705.5   |
| 13      | IRR (%)                              | 35%     |
| 14      | DSCR (Average)                       | 3.35%   |
| 15      | Break Even (%)                       | 32.77%  |
| 16      | Pay back Period                      | 3 Years |

\* For Commercial details attached financial statement may be produced on quarterly basis from Competent Authority.



Authorized Signatory

Finance Manager

Bhimashanker S. S. K. Ltd.

# Annexure - III

| No. No. | Technical Data                                                             | Details                                   |
|---------|----------------------------------------------------------------------------|-------------------------------------------|
| 1       | Water Pressure                                                             | 25 kg/cm <sup>2</sup>                     |
| 2       | Pressure                                                                   | 40°C, 4.5° C                              |
| 3       | Temp. °C                                                                   | 27 TPH                                    |
| 4       | TPH                                                                        | 6 MW                                      |
| 5       | T.O. Set Time and Capacity (Loadings)                                      | 75 DAYS                                   |
| 6       | Operating Days                                                             | 41 TPH                                    |
| 7       | Steam Regenerators TPH (Loadings)                                          | 74 TPH                                    |
| 8       | Steam to 10" Header TPH                                                    | -                                         |
| 9       | Steam required to generate (Loadings)                                      | 2.1 TPH                                   |
| 10      | Steam through condenser TPH                                                | WATER TUBE BOILER                         |
| 11      | Type of water Tube/Tub. Tube of Boiler                                     | FBC BOILER                                |
| 12      | If installed Hot Circulation Induction Pumps (P/F Boiler with rated No)    | 2000                                      |
| 13      | Type of grate and grate area of Boiler                                     | DUMPING GRATE TYPE                        |
| 14      | Coal Consumption per month                                                 | and to run used                           |
| 15      | Actual                                                                     | -                                         |
| 16      | Designed as per design                                                     | -                                         |
| 17      | Turbine                                                                    | 4000.9 kcal/hk                            |
| 18      | Rated Heat Rate (with calculation of Turbine Efficiency Cycle in kcal/kWh) | 40°C, 75 kg/hr                            |
| 19      | Inlet Steam Parameters                                                     | 74 TPH (27 TPH + 27 TPH)                  |
| 20      | Inlet Steam Quantity                                                       | -                                         |
| 21      | Cooling Water Flow                                                         | 11.5V                                     |
| 22      | Rated Voltage Level                                                        | 20°C                                      |
| 23      | Cooling water temperature at inlet to condenser in °C                      | 34°C                                      |
| 24      | Cooling water temperature at outlet to condenser in °C                     | 4 MW                                      |
| 25      | Maximum continuous Rating (MCR) of Turbine                                 | 10 Hz                                     |
| 26      | Frequency                                                                  | (1250 rpm for 6 MW) & (1025 rpm for 3 MW) |
| 27      | Speed                                                                      | -                                         |

Chief Engineer

Malabar Chamber S.S.K. Ltd., Dattatrayanagar



**Annexure - III**

| Sr. No. | Power Balance           | Details     |
|---------|-------------------------|-------------|
| 1       | Specific output         |             |
| 2       | Power generation MW/MUS | 212.89 MUS  |
| 3       | Capacity Power MW/MUS   |             |
| 4       | Power Output MW/MUS     | 181.117 MUS |

| Sr. No. | FUEL UTILIZED                          | Details                              |
|---------|----------------------------------------|--------------------------------------|
| 1       | Type of Biomass                        |                                      |
| 2       | Agro Industrial Residue                | Bagasse                              |
| 3       | Agro Residue                           |                                      |
| 4       | Quantity of Biomass                    |                                      |
| 5       | Daily (Tons)                           | 347 MT                               |
| 6       | Yearly (Tons)                          | 148272 MT                            |
| 7       | Cost of Biomass at gate (Rs. Per Tonn) | Biomass is not procured from outside |
| 8       | Procured Biomass from outside          | Biomass is not procured from outside |
| 9       | Biomass Collection Machinery           | Biomass is not procured from outside |
| 10      | Supplementary Fuel used (Tonn)         | No supplementary Fuel is used        |

  
Chief Engineer

Bhimashankar S.S.K. Ltd., Dattatraynagar

