

Project Profile for Freezers and Fridges Manufacturing

- 1) The Title of the project:
 - . **Freezers and fridge Manufacturing**
- 2) The Specific Uses of the Product manufactured by the project:
 - . **House hold food conservation.**
- 3) The rationale behind the project:
 - . **Importing substitution,**
 - . **There is not local manufacturer.**
 - . **Huge demand.**
- 4) Details of the Target Market:
 - The Geographical Area:
 - . **All over the country, mainly in the big towns**
 - The Age Group: (For e.g. People between the age group of 5 – 50 years):
 - . **Not applicable**
 - The total market size (approximately) (the total demand):
 - . **Freezers: 800,000 units**
 - . **Fridges: 800,000 units**
 - The existing players in the market:
 - . **Local dealers: Casa Hilman, Golam electronica, Kayum centre, Tiger Video Shop, Casa das loiças, Sam Ping.**
- 5) The total capacity of production for the proposed project (in quantity)
 - . **Freezers: 10,000 units**
 - . **Fridges: 10,000 units**
- 6) Details of the Technology for the project:
 - 1° **Steel sheet**
 - 2° **Cutting**
 - 3° **Bending**
 - 4° **Welding**
 - 5° **Assembling**
 - 6° **Painting**
 - 7° **Testing**
 - 8° **Packing**
- Whether Available in the country or not:
 - . **It is not available in Mozambique**
- The kind of skill level required to use this technology:
 - . **Basic and medium skill level**
- Whether the technology is environment friendly or not:

. It is friendly.

7) The Capital Resources required for the project:

Sr. No	Particulars	Quantity and Description	Amount (\$)
1	Land	100x100 m2	10,000.00
2	Building a) plant b) ware house	15x15 m2 20x20 m2	90,000.00 120,000.00
3	Plant and Machinery a) Cutting machine b) Bending Press c) Welding machine d) Air Compressor	1 1 1 1	150000.00
4	Utilities: Power	10,000 kwh	625.00
5	Storage Space a) Raw Material b) Addnl. Material c) Finished Goods	It is included in item 1	

8) Items from above available in Mozambique: **Land and power**

9) Raw materials and other resources required in running the project:

Sr. No.	Particulars	Quantity (at 100% capacity of the project)	Amount (\$)
1	Raw Materials . Copper tubes . Steel sheet	60 tonnes 120,000 m2	42,000.00 120,000.00
2	Packing Materials . paper package	20,000 units	12,000.00
3	Factory Supplies: (Thermostat, compressor, main switch, power cable, points, thermal isollation, etc)	20,000 units (each)	1680000.00
4	Labour: A) Managerial B) Skilled C) Unskilled	2 3 20	24,000.00 2,500.00 3,000.00
5	Power	10,000 kwh	750.00
6	Total		1884250.00

10) Items from the above available in Mozambique:

Paper package, power and labour.

11) Type of organisation suggested to implement this project:

- Individual Ownership (X)**
- Partnership (X)**

12) Cost of registering the organisation suggested above (incl. the legal expenses)
. **USD 1,200.00**

13) The ideal person qualified for managing the project:

- Mechanical engineer**

14) List of Government Institutions providing support to Industrial Projects:

DNI, CPI, DIRECCAO NACIONAL DE COMERCIO INTERNO E EXTERNO, CUSTOM AGENCY,

15) List of Suppliers of Technology:

- . **Luna International**
- . **Technoservices, RSA**
- . **Others RSA, Portuguese suppliers**

16) List of Suppliers of Raw Materials:

- . **King Gate Metal Corporation**
- . **Taisung Sung Enterprise, ltd**
- . **Ho Sing Metal Industrial Co, ltd**
- . **Lung Hung Enterprise Co**
- . **RSA and others suppliers.**