



1. PROJECT PROFILE ON AUTO ELECTRIC WORKSHOP

Category : Service

Total Cost of Project : Rs. 1,95,000/-

BEP : 38 %

I. INTRODUCTION OF BUSINESS IDEA :

Electrical items form an important section of Automobile Industry and on the running vehicles. One cannot do with faulty or deficient items. The repair may be faulty finding and repairing or replacing defective parts. Charging of batteries/accumulators, rewiring, replacement of bulbs etc. with the tremendous increase in vehicular traffic, the need for auto electric workshop is needless to emphasise.

II. PRODUCT AND ITS APPLICATIONS:

The proposed unit is prepared for servicing of electrical components of vehicles.

III. MARKET POTENTIAL:

As there is manifold increase in vehicular auto traffic there is vast scope for good auto electric workshop catering to the needs of four and two wheeler owners. The district does not have adequate no. of units as compared to the increasing no. of vehicles. Hence there is good potential for the proposed unit.

IV. CAPACITY-REVENUE AND SALES:

Sl. No.	Product	Qty	Rate	Sales Amount
01	Minor repairs, four wheelers (like replacement of bulbs, removing earth faults, checking spark plug, charging systems etc.)	960	400/-	384,000
02	Repairs of Dynamo, Starter, Magnetic coil, regulators etc.	720	200/-	144,000
03	Repairs of batteries, charging of batteries, changing of electrolyte etc.	600	100/-	60000
04	Rewiring of complete vehicle - 4 wheeler	100	500/	50000
05	Rewinding of Dynamics	60	200/-	12000
Total				650,000

V. SERVICE METHODOLOGY AND QUALITY:

The defects are checked found and rectified. The defective parts replaced in dynamos, the winding if burnt/damaged is done and checked, battery etc. charged if required.



VII. COST OF PROJECT AND MEANS OF FINANCE, INCLUDING WORKING CAPITAL REQUIREMENTS:

A. COST OF PROJECT:

Particulars	Amount (Rs).
Equipments	1,49,000
Preliminary and preoperative expenses	10,000
Deposits	15,000
Working Capital Requirements	21,000
Total	1,95,000

B. MEANS OF FINANCE:

Particulars	Amount (Rs).
Loan @ 75%	146,000
Equity	49,000
Total	1,95,000

C. WORKING CAPITAL REQUIREMENT:

Sl. No.	Particulars	Basis	Period	Amount
1	Raw-materials	126000/12 x 1	1 m	10,500
2	Working exp	-	1 m	10,500
	Total	-	-	21000

VII. Main Inputs Requirements

A. Equipment :

Sl.No.	Particulars	Qty	Rate	Amount
1	Charging Panel 50 V 100 Amp	1	40000/-	40,000
2	Air Compressor	1	25000/-	25,000
3	Megger	1	3000/-	3,000
4	Multi meter	1	4000/-	4,000
5	Volt meter	1	2000/-	2,000
6	Water still	1	6000/-	6,000
7	Winding M/c.	1	10000/-	10,000
8	Drying oven	1	12000/-	12,000
9	Test Panel	1	12000/-	12,000
10	Miscellaneous Tools	-	5000/-	5,000
11	Other fixed assets (electrification & installation, working table, furniture, storage racks etc.)	-	30000/-	30,000
	Total	-	-	149,000



B. Raw-materials (p.a.):

Sl.No.	Particulars	Qty	Rate	Total cost(Rs)
1	Super enameled copper wire	36 Kg.	1000/-	36,000
2	Insulation Material		2500/month	30,000
3	Acid and Miscellaneous expenses		5000/month	60,000
	TOTAL			126,000

C. Utilities:

Sl. No.	Particulars	Monthly Charges (Rs)	Annual Charges (Rs)
1	Electricity and water	3000	36,000

D. Man-power requirement:

Sl. No.	Workers	No.	Monthly Salary (Rs)	Annual Salary (Rs)
01	Skilled Technician	1	7000	84000
02	Unskilled Technician	2	4000/-	96000
03	Helper	1	4000/-	48000
	Total			228,000

E. Infrastructure Requirement:

Building	Built up space of 1000 sq.ft is required
Power	5 HP power connection is required
Water	Water is required for general purposes

VIII. Profitability Projection (Annual):

Particulars	Basis	Amount (Rs).
Sales Revenue (Projected)	Ref: IV	650,000
Raw Materials	Ref: VII B	126,000
Man Power Expenses	Ref: VII D	228,000
Utilities	Ref: VIIC	36,000
Interest	@12%	17,000
Depreciation	@ 15%	23,000
Overheads	Rent, , sundry expenses maintenance etc	60,000
Total Expenses		490,000
Profit		160,000



IX. FINANCIAL INDICATOR:

Break Even Point $\frac{FC}{SR-VC} * 100$	$\frac{100,000}{260,000} * 100$	38%
Payback period $\frac{\text{Cost of project}}{\text{Profit+ Dep}}$	$\frac{195,000}{183,000}$	1 year 1 month

ADDRESS:

X. SUPPLIERS OF MACHINERY / EQUIPMENTS:

M/c. Precision Testing Machine (P) Ltd.,
16, 17th, F Cross, 2 Stage,
Indira nagar,
Bangalore-38.
Ph. No. 080 - 25282435

Suppliers of raw material:

Manisha Automobile,
13/13, 18th Floor,
KSV Nilaya, Kalashi Palyam,
Bangalore - 26.
Ph. No. : 26702994