

## KVIC - PMEGP

### PROJECT PROFILE ON OPHTHALMIC LENS GRINDING

#### Introduction

Ophthalmic lenses are manufactured out of ophthalmic rough glass blanks . There are different types of ophthalmic lenses such as purely spherical, cylindrical bifocal and fused bifocal as well as sunglasses etc. These spectacle lenses serve as an aid to precious human eyes for better and comfortable vision. They protect and restore the normal eyesight of persons. Sunglasses are used for protect of eyes against glare, second wind and also become a fashion wear. Fused bifocal lens serve dual purpose i.e. for distance and near vision in in one spectacle and thus convenient to wear. Fused bifocal lenses are not only scientifically perfect in having spherical center with reading segment but also advantageous to cut and fit into different shapes and sizes of spectacle frames.

1 **Name of the Product :** **OPHTHALMIC LENS GRINDING**

2 **Project Cost :**

a Capital Expenditure

Land	:			<b>Own</b>
Work shed in sq.ft rented	:	0	Rs.	-
Equipment	:		Rs.	100,000.00

Two spindle semi-automatic cylindrical lens grinding and polishing machine with motor. Single spindle band operated spherical lens grinding and polishing machine with motor etc. Hand edging machine with green silicon carbide grinding wheel with motor. Testing equipments etc.

Total Capital Expenditure	Rs.			100,000.00
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b Working Capital	Rs.			160,000.00
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<b>TOTAL PROJECT COST :</b>	<b>Rs.</b>			<b>260,000.00</b>
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3 **Estimated Annual Production Capacity:**

(Rs. in Lakhs)

Sr.No.	Particulars	Capacity in Quintals	Rate	Total Value
1	SPHERICAL OPHTHALMIC,CYLINDRICAL,FUSED BIO FOCAL OPHTHALMIC LENS GRINDING	18000.00	53.00	954.00
<b>TOTAL</b>		<b>18000.00</b>	<b>53.00</b>	<b>954.00</b>

4 <b>Raw Material</b>	:		Rs.	600,000.00
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5 <b>Labels and Packing Material</b>	:		Rs.	25,000.00
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6 <b>Wages (1-Skilled )</b>	:		Rs.	75,000.00
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7 <b>1-manager</b>	:		Rs.	120,000.00
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8	Administrative Expenses	:	Rs.	<b>50,000.00</b>
9	Overheads	:	Rs.	<b>24,000.00</b>
10	Miscellaneous Expenses	:	Rs.	<b>25,000.00</b>
11	Depreciation	:	Rs.	<b>10,000.00</b>
12	Insurance	:	Rs.	<b>1,000.00</b>
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	<b>13,000.00</b>
	b. W.C.Loan	:	Rs.	<b>20,800.00</b>
	<b>Total Interest</b>		Rs.	<b>33,800.00</b>
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	<b>209,000.00</b>
	Variable Cost		Rs.	<b>744,800.00</b>
	<b>Requirement of WC per Cycle</b>		Rs.	<b>158,967.00</b>

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	209.00	125.40	146.30	167.20
2	Variable Cost	745.00	447.00	521.50	596.00
3	Cost of Production	954.00	572.40	667.80	688.70
4	Projected Sales	1250.00	750.00	875.00	1000.00
5	Gross Surplus	296.00	177.60	207.20	236.80
6	Expected Net Surplus	286.00	168.00	197.00	227.00

- Note :
- 1.All figures mentioned above are only indicative.
  - 2.This is model project profile for guidance
  - 3.Cost of Project, and its prioifility will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..