

A MODEL SCHEME ON Optical Lens Grinding

- 1 Introduction** : 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 aid to precious humaneyes for better and comfortable vision. They protect and restore the normal eyesight of persons. Fused bifocal lens serve dual purpose i.e. for distance and near vision in one spectacle and thus convenient to wear. In the eyewear industry, it is estimated that 35 per cent of India's population are in need of vision correction, approximately 94 per cent of these wear spectacles. The market has been one of the fastest growing industries recording a 20% growth annually.

- 2 Brief description of manufacturing** The main process steps are – Ophthalmic lenses are manufactoryed out of ophthalmic rough glass blanks

- 3 Scope of Project** Due to increasing decorative and fashion conciousness amongst urban and rural people it's scope for growth is expected to be steady

- 4 Location** Any place with good connectivity either in road or in railways or both is suitable for this project.

- 5 Project Cost** ₹ 1,99,750.00

- 6 Means of finance**
- | | | |
|---------------------------|-----|-----------|
| a) Own contribution (10%) | Rs. | 19975.00 |
| b) Govt. Subsidy | Rs. | 25000.00 |
| c) Bank Loan | Rs. | 154775.00 |

- 7 Total Power requirement (HP/ KWH):** HP

- 8 Project Analysis**

A Fixed Capital/ Capital Expenditure

- i Work Shed/ Building : Own Rented

- ii Area of work shed : 600 (in sq. Mt)

iii Machinery & Equipments :

Sl No	Name of machinery/Equipment	Rate	Quantity	Amount
a	Spherical lense grinding machine	₹ 25,000.00	1	₹ 25,000.00
b	Grinding & Polishing tools			₹ 2,300.00
c	Spherical & Cylindrical bloelery gotes with accessories			₹ 13,500.00
e	Testing Equipments	L.S.		₹ 8,000.00
Sub Total				₹ 48,800.00

Furniture & Other Cost

Sl No	Detail of Furniture/Expenses	Amount
c	Electrification& Security Deposit	₹ 15,000.00
d	Furniture & Fittings	₹ 10,000.00
e	Pre-operative expenses	₹ 2,000.00
Sub Total		₹ 27,000.00

- v Total Fixed Capital/ Capital Expenditure (iii + iv) = ₹ 75,800.00**



B Recurring Cost (Per Month)**i Raw Material**

Sl No	Name of the raw material	Rate	Quantity	Amount
a	Emery Powder	₹ 30.00	60 kg	₹ 1,800.00
b	Polishing Powder	₹ 10.00	75 kg	₹ 750.00
c	Bifocal blanke	₹ 40.00	2000 Pair	₹ 80,000.00
d	Other Materials	L.S.		₹ 5,000.00
Sub Total				₹ 87,550.00

ii Salary & Wages

Sl No	Employment	Rate	No	Amount
a	Manager cum supervisor	₹ 0.00	1	₹ 0.00
b	Skilled worker	₹ 6,000.00	2	₹ 12,000.00
c	Unskilled worker	₹ 4,000.00	2	₹ 8,000.00
Sub Total				₹ 20,000.00

iii Other Expenses

Sl No	Detail of Expenses	Amount
a	Electricity	₹ 5,000.00
c	Rent (if any)	₹ 0.00
b	Stationery	₹ 5,000.00
c	Tax & Insurance	₹ 1,500.00
d	Transportation	₹ 4,000.00
e	Misc	₹ 900.00
Sub Total		₹ 16,400.00

iv Working Capital Requirement (i+ ii+ iii) = ₹ 1,23,950.00

4 Total Project Cost

a	Fixed Capital	₹ 75,800.00
b	Working Capital	₹ 1,23,950.00
c	Total	₹ 1,99,750.00

5 Cost Analysis per annum

Expenditure		Income	
i	Recurring Cost	₹ 14,87,400.00	1. Projected Sale
ii	Depreciation	₹ 7,320.00	By sale of Lens-
iii	Surplus/Profit	₹ 3,05,280.00	₹ 18,00,000.00
		₹ 18,00,000.00	₹ 18,00,000.00

Signature of the applicant

Rates and quantities shown may vary as per location and demand of bussiness enterprise.

Prepared by the Directorate of Micro, Small and Medium Enterprises, West Bengal.

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