

CONTENTS

EXTRACTION OF PALM OIL LIQUID AND SOLID FRACTIONS PROJECT

	<u>Page</u>
PREFACE	(i)
GLOSSARY	(ii)
SUMMARY	(iii)
1. THE PROJECT CONCEPT	1
1.1 The Basic Concept	1
1.2 Expansion of the Basic Concept	3
1.3 Environmental Aspects	4
2. THE PRODUCT	5
2.1 Definition and Specifications	5
2.2 Applications	7
2.2.1 Palm Olein Applications	7
2.2.2 Stearin Applications	7
3. THE JUSTIFICATION OF THE PROJECT.....	9
4. THE MARKET DIMENSIONS	11
4.1 The Market Size and Project Parameters	11
4.2 Market Prices	14
4.3 Competition	14
4.4 Marketing and Distribution Strategy Concepts.....	15
5. THE TECHNOLOGY & PRODUCTION PROCESS.....	16
5.1 The Technology	16
5.2 The Production Process.....	17
5.3 The Environmental Aspects	20
5.4 The Technology Source.....	21
6. THE PRODUCTION REQUIREMENTS	22
6.1 Raw Materials & Consumables	22
6.2 Utilities	22
6.3 Manpower	23
7. INVESTMENT COSTS	24
7.1 Summary.....	24
7.2 Total Fixed Investment Costs	25
7.3 Pre-production Costs	27
7.4 Working Capital	27
8. PROJECT PROFITABILITY	28
8.1 Overview	28
8.2 Financial Results - 100% Equity Case.....	28
8.3 Financial Results - Loan Case : 50% Equity/50% Loan	30
8.4 Sensitivity Analysis: Key Factors.....	32
APPENDIX	
ARABIC SUMMARY	