

CONTENTS

SMALL CRUSHING AND GRINDING MILL PROJECT

	<i>Page</i>
PREFACE	(i)
GLOSSARY	(ii)
SUMMARY	(iii)
1. THE PROJECT CONCEPT	1
1.1 The Basic Concept	1
1.2 Expansion of the Basic Concept	2
1.3 Environmental Aspects	2
2. THE PRODUCT	3
2.1 Definition and Specifications	3
2.2 How it works	3
2.3 Applications	5
3. THE JUSTIFICATION OF THE PROJECT	6
4. THE MARKET DIMENSIONS	9
4.1 The Market Size and Project Parameters	9
4.2 Market Prices	12
4.3 Competition	12
4.4 Marketing and Distribution Strategy Concepts	13
5. THE TECHNOLOGY & PRODUCTION PROCESS	14
5.1 The Technology	14
5.2 The Production Process	14
5.3 The Technology Source	17
6. THE PRODUCTION REQUIREMENTS	18
6.1 Raw Materials & Consumables	18
6.2 Utilities	18
6.3 Manpower	19
7. INVESTMENT COSTS	20
7.1 Summary	20
7.2 Total Fixed Investment Costs	21
7.3 Pre-production Costs	22
7.4 Working Capital	23
8. PROJECT PROFITABILITY	24
8.1 Overview	24
8.2 Financial Results - 100% Equity Case	24
8.3 Financial Results - Loan Case : 50% Equity/50% Loan	26
8.4 Sensitivity Analysis: Key Factors	28
APPENDIX	
ARABIC SUMMARY	