

CONTENTS

DOMESTIC SOLAR COOKERS 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	3
1.3 Environmental Aspects	4
2. THE PRODUCT	5
2.1 Definition and Specifications	5
2.2 Applications	6
3. The JUSTIFICATION OF THE PROJECT	7
4. THE MARKET DIMENSIONS	9
4.1 The Market Size and Project Parameters	9
4.2 Market Prices	10
4.3 Competition	11
4.4 Marketing and Distribution Strategy Concepts	11
5. THE TECHNOLOGY & PRODUCTION PROCESS	12
5.1 The Technology	12
5.2 The Production Process	12
5.3 The Technology Sources	13
6. THE PRODUCTION REQUIREMENTS	15
6.1 Major Raw materials and Consumables	15
6.2 Utilities	16
6.3 Manpower	16
7. INVESTMENT COSTS	17
7.1 Summary	17
7.2 Total Fixed Investment Costs	18
7.3 Pre-production Costs	19
7.4 Working Capital	20
8. PROJECT PROFITABILITY	21
8.1 Overview	21
8.2 Financial Results - 100% Equity Case	21
8.3 Financial Results - Loan Case : 50% Equity/50% Loans	23
8.4 Sensitivity Analysis: Key Factors	25
APPENDIX	
ARABIC SUMMARY	