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## OCCASION

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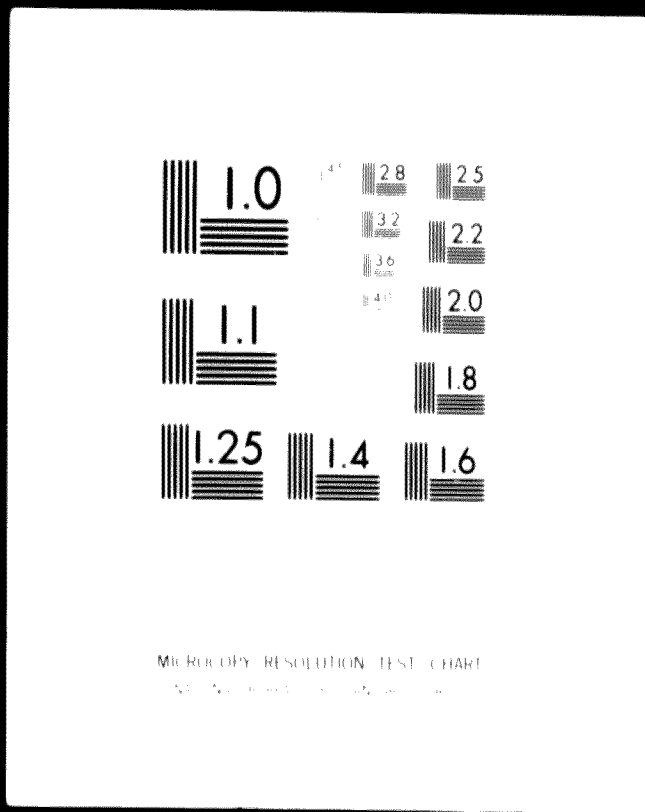
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# 1 OF 1

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PROJECT INFORMATION SHEET

United Nations Industrial Development Organization

IND-08-71

SECOND ASIAN MEETING TO  
PROMOTE INDUSTRIAL PROJECTS<sup>1/</sup>

SINGAPORE, 3-11 November 1971

METHYL METHACRYLATE MONOMER  
POLY-METHYL METHACRYLATE SHEETS AND PELLETS

COUNTRY	India
PROJECT	Manufacture of methyl methacrylate monomer, poly-methyl methacrylate sheets and pellets Total investment: US \$ 7,000,000 Total capacity: 5,000 tons per annum

FOREIGN CONTRIBUTION REQUIRED:

- Equity
- Loan/suppliers credit
- Know-how



<sup>1/</sup> Sponsored by: The Economic Commission for Asia and the Far East (ECAFE)  
The United Nations Industrial Development Organization (UNIDO).

id.71-8135

IMPORTANT NOTICE

The basic purpose of this meeting is to provide an Exchange or Market Place for the initiation of contacts on specific industrial projects between their proponents from the Asian countries and potential suppliers of capital, finance, equipment or know-how, as the case may be, from the industrialized countries.

This Project Information Sheet has been prepared as a basis for such contacts. Its purpose is not to present detailed information about the project but to provide the recipient with an outline sufficient to determine tentative interest in principle. Any further available information on the project will be furnished on request to interested parties at the Meeting.

Experience has shown that industrialists frequently prefer to carry out their own further investigations in detail into projects in which they are interested, but assistance from UNIDO in these matters can be rendered to the Asian country concerned on request.

This Information Sheet contains only the information supplied to UNIDO by the proponent of the Project. UNIDO can therefore take no responsibility for its accuracy.

METHYL METHACRYLATE MONOMER  
POLY-METHYL METHACRYLATE SHEETS AND PELLETS

I. INTRODUCTION

. The Project

Methyl methacrylate monomer, poly-methyl methacrylate sheets and pellets. These are at present being imported.

. Main Components

Proposed plant capacity - P. M. M. A. sheets of thickness ranging from 3 mm. to 10 mm. 2,000 tons per annum. Pellets 1,500 tons per annum and monomer 1,500 tons per annum.

Location - Nandesari, Baroda.

Total investment - US \$7 million.

. Project Presented by

Gujarat Industrial Investment Corporation Limited  
4th floor, Natraj Chambers  
Ashram Road, Navrangpura  
Ahmedabad 9

. Foreign Contribution Required

Foreign contribution will be required for technical know-how and license. Part of this will be converted into equity and loan and suppliers credit. The proportion will have to be worked out in consultation with the foreign investor.

II. COMMERCIAL ASPECTS OF THE PRODUCT

Present Source of Supply

- All imports - 1,000 tons per annum of sheets and pellets; value - \$800,000; 1,000 tons per annum of monomer; value - \$400,000.

- Projected Consumption

3,000 tons per annum of sheets and pellets and 2,000 tons of monomer.

- Price of Product ( in US \$ )

Proposed price: monomer - \$ 700 per ton  
                  pellets - \$1,200 per ton  
                  sheets - \$3,000 per ton

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\* This project is presented as submitted by the proponents with a minimum of editing.

III. PHYSICAL ASPECTS

- . Size of Land and Buildings  
5 acres of land and 50,000 sq. ft. of buildings
  
- . Availability of Labour  
Available indigenously and some foreign technicians would be required for erection and start up.
  
- . Raw Materials  
Location, distance from plant site - hydrocyanic acid and amonia are available within a distance of 2 miles; methanol, sulphuric acid and acetone about 300 miles.  
Types, grades, cost (f.o.b. plant) - hydrocyanic acid: price under negotiation with Indian Petrochemicals Corporation Limited, Baroda.  
(US \$) Amonia at \$145 per ton  
Methanol at \$200 per ton  
Acetone at \$270 per ton  
Sulphuric acid at \$53 per ton.
  
- . Infrastructure  
Provided by Gujarat Industrial Development Corporation.

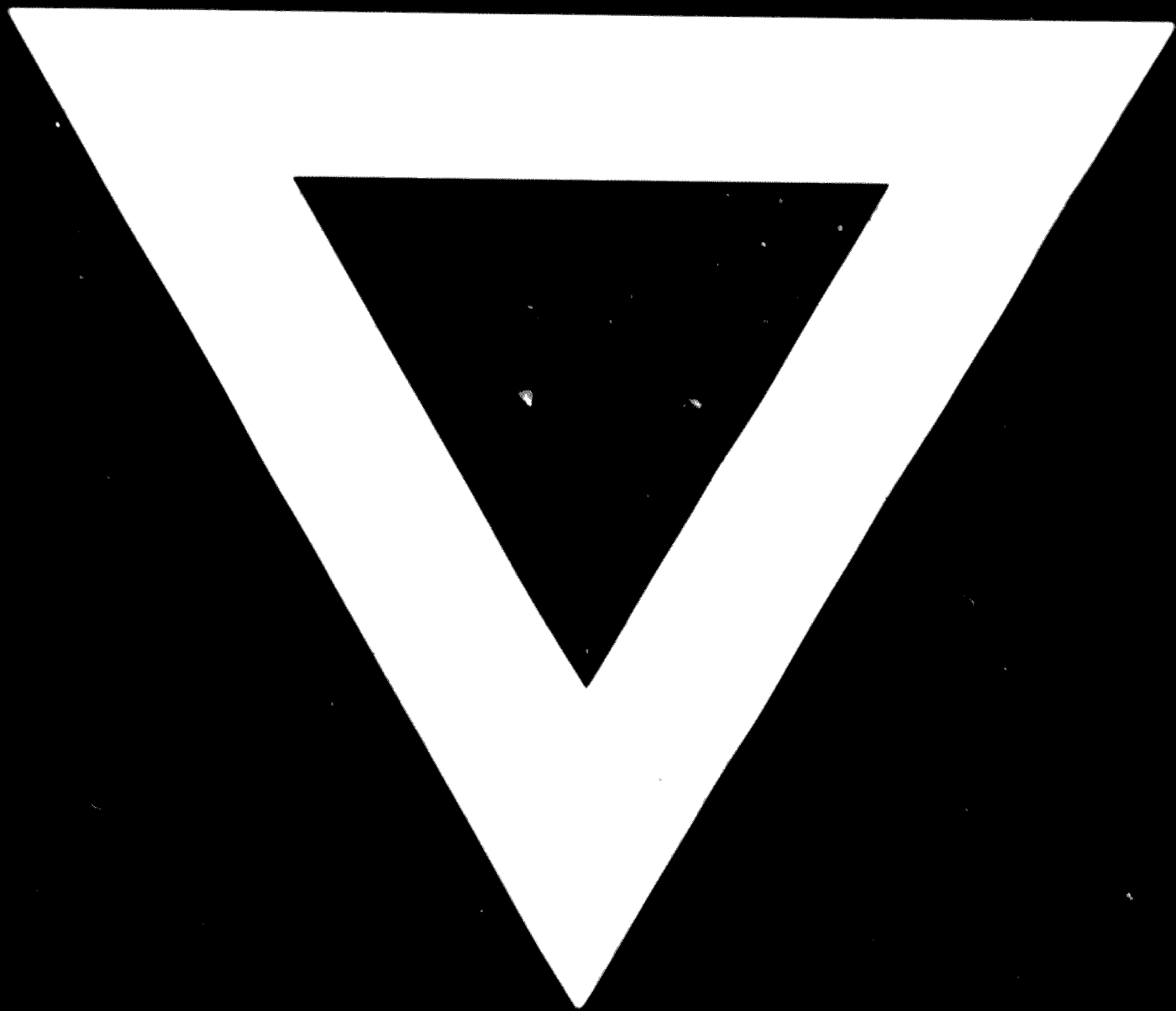
IV. FINANCIAL ASPECTS

- . Composition of Investment (rough estimate - in US \$)

	<u>Local Cost</u>	<u>Foreign Exchange</u>	<u>Total</u>
Pre-investment costs	20,000	80,000	100,000
Assets: Land	60,000	-	60,000
Building	400,000	-	400,000
Machinery	1,400,000	2,800,000	4,200,000
Estimated working capital	<u>1,800,000</u>	<u>440,000</u>	<u>2,240,000</u>
TOTAL	3,680,000	3,320,000	7,000,000



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