



**TOGETHER**  
*for a sustainable future*

## OCCASION

This publication has been made available to the public on the occasion of the 50<sup>th</sup> anniversary of the United Nations Industrial Development Organisation.



**TOGETHER**  
*for a sustainable future*

## DISCLAIMER

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as “developed”, “industrialized” and “developing” are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

## FAIR USE POLICY

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

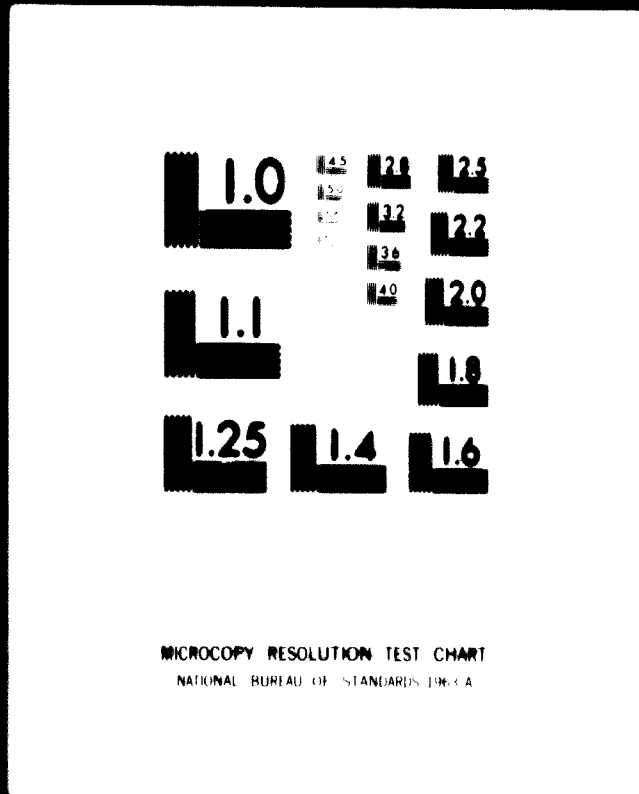
## CONTACT

Please contact [publications@unido.org](mailto:publications@unido.org) for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at [www.unido.org](http://www.unido.org)

# 1 OF 1

# 02045



24 x  
C



02045



Distr.  
LIMITED

IPPD/IND/15  
10 August 1973

ORIGINAL: ENGLISH

United Nations Industrial Development Organization

Third Asian Meeting to Promote  
Industrial Projects

Kuala Lumpur, Malaysia, 14-21 November 1973

Project Information Sheet

MANUFACTURE OF TAPE RECORDERS

**COUNTRY**

India

**PROJECT**

Manufacture of Tape Recorders

Total Investment: US\$1,150,000

Capacity: 30,000 tape recorders per year

**FOREIGN CONTRIBUTION REQUIRED**

Negotiable, subject to the approval of the  
Government of India

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

**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 industrialised 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.

MANUFACTURE OF TAPE RECORDERS

I. THE PROJECT

It is proposed to set up a plant to manufacture 30,000 video tape recorder sets and/or professional type recorders for sound recording for studios and communication purposes. The proposed plant will be located within the Greater Bombay area. The total investment is estimated at US\$1.15 million. The whole output will be for the domestic market.

II. THE MARKET

Total demand for tape recorders is estimated between 300,000 to 500,000 per year. For industrial purposes, the demand is expected to increase in the future.

Current indigenous production is estimated at 40,000 to 50,000 sets per year of simple cassette type.

III. MANUFACTURING AND INFRASTRUCTURAL REQUIREMENTS

Utilities and Labour

Fuel, power and water are available locally.

There will be no difficulty in finding both skilled and unskilled personnel. The plant will provide employment for 230 people.

IV. FINANCIAL ASPECTS

	<u>Local CURRENCY</u> US\$	<u>Foreign CURRENCY</u> US\$	<u>Total</u> US\$
1. <u>Fixed Assets</u>			
Land, site development buildings and ancillaries	50,000		50,000
Machinery and equipment including delivery and installation		400,000	400,000
2. <u>Working Capital</u>	700,000		700,000

	<u>Local Currency</u> US\$ equiv.	<u>Foreign Currency</u> US\$	<u>Total</u> US\$
<b>3. <u>Other Investments</u></b>			
Preinvestment costs (engineering studies, training, interest during construction etc.)			
Start-up expenses and contingencies	10,000		10,000
	<u>760,000</u>	<u>400,000</u>	<u>1,160,000</u>

<b>4. <u>Proposed Financing Plan</u></b>	
Equity Capital	US\$200,000
Loans	<u>US\$950,000</u>
<b>Total</b>	<u>US\$1,150,000</u>

<b>5. <u>Annual Operating Costs and Profits</u></b>	<b>US\$</b>
(a) Income from sales	3,000,000
(b) Costs of manufacturing (wages and salaries, materials, utilities, factory overhead, depreciation, interest on loans, contingencies)	2,000,000
(c) Administrative expenses and sales costs	500,000
(d) Gross profit before tax	500,000
(e) Profit Tax	250,000
(f) Net Profit	250,000

Note: These figures indicate order of magnitude. A detailed study will have to be made to determine the precise figures.

**Foreign Contribution Required**

Negotiable but the form has to be approved by the Government of India.

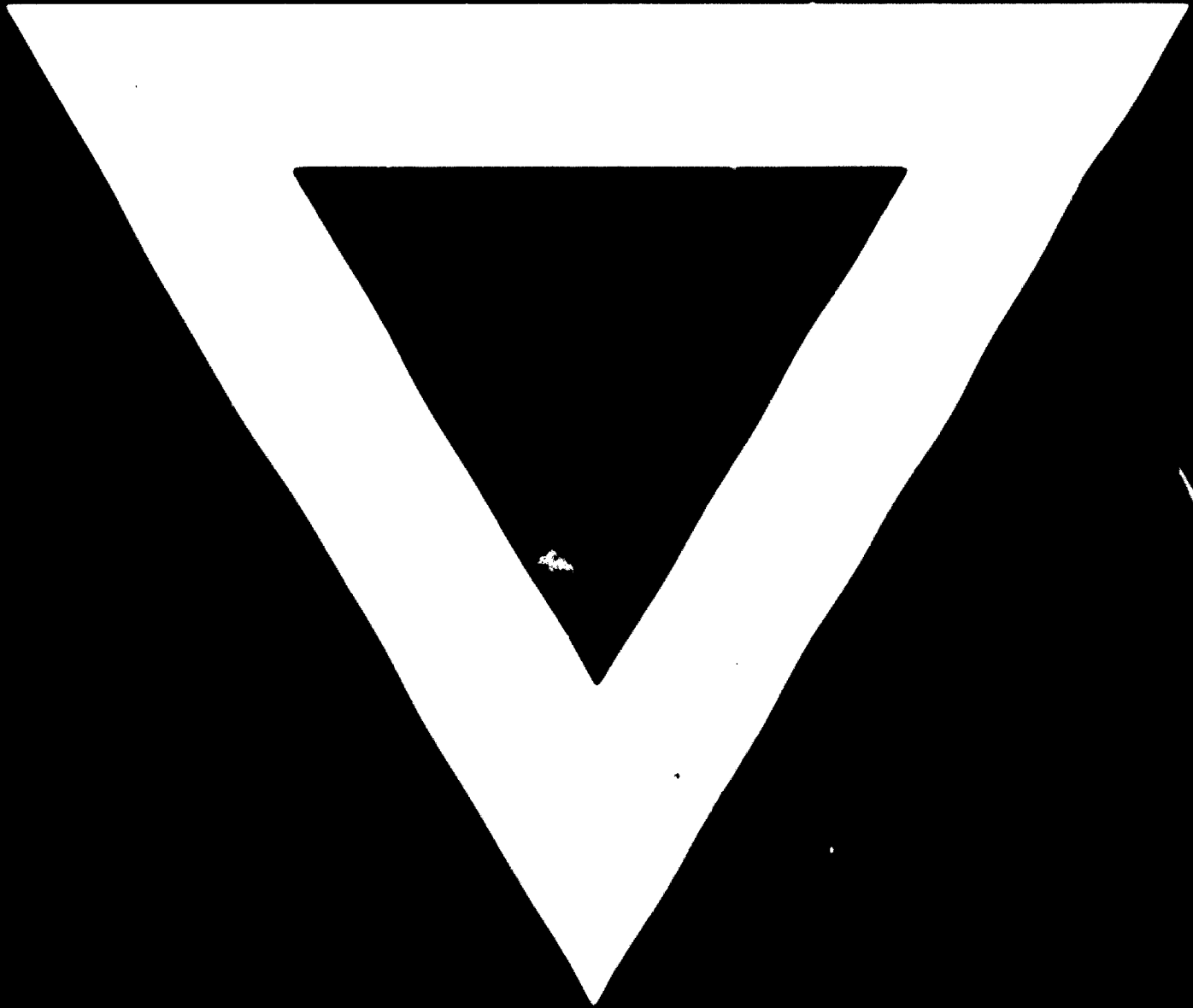
V. OTHER RELEVANT INFORMATION

A new company is proposed to be floated for the purpose.  
A project report is under preparation.

The project is being sponsored by:

Sudarshan Engineering Private Limited  
138 Kalbadevi Road  
Dombay 2, India  
Cable Address: CHOKTRAD

**1 - 344**



**80.11.20**