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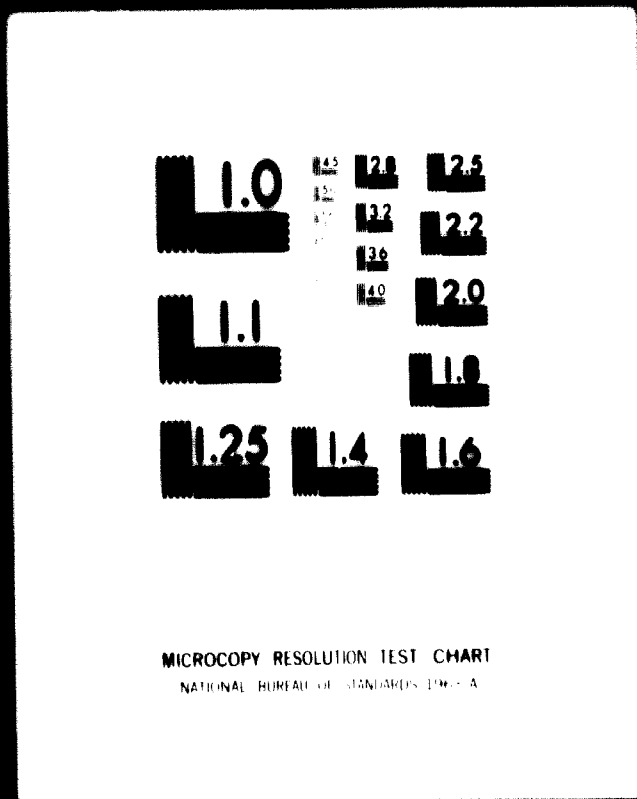
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Third Asian Meeting to Promote
Industrial Projects

Kuala Lumpur, Malaysia, 14-21 November 1973

Project Information Sheet

COILS

COUNTRY

Republic of Korea

PROJECT

Setting up of manufacturing facilities
for coils

Capacity: 19 million pieces per year

Total Investment: US\$ 734,000

FOREIGN CONTRIBUTION REQUIRED

Equity

Know-how/License

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

COILS

I. INTRODUCTION

• The Project

The electronics industry in Korea is rapidly expanding. Under a long-term plan it is intended to set up a number of component factories to substitute for those components now being imported.

It is proposed to establish a factory for the manufacture of coils with an annual capacity of 19 million pieces.

• The Proponent

Fine Instruments Center, Seoul (Government Agency for the promotion of the electronics industry in Korea).

• Government Attitude

The encouragement of the electronics industry in Korea was initiated by the Government in 1959. The electronics industry is highly emphasized as a strategic export industry and an eight-year development plan was made to assist in expanding its production and to develop the necessary techniques. In 1971 Korea exported US\$88,603,000 worth of electronic components, second only to textile exports.

Therefore the Korean Government considers the prospects of this industry very positive and it will grant full support to electronic firms. A number of attractive incentives will be granted (see IV).

II. COMMERCIAL ASPECTS

In 1971 the total domestic consumption was 1.5 million pieces, worth US\$150,000.

The entire quantity was manufactured in the country.

It is estimated that the domestic consumption will be 7 million pieces in 1972, worth US\$630,000. The total Korean capacity now is 3.5 million pieces per year.

Two million pieces were exported in 1971, valued at US\$228,000.
It is estimated that in 1972 15 million coils will be exported, about US\$1,500,000 in value.

Price (US\$ per 1,000 pieces):

Present is about	79
Target price is	73

III. PHYSICAL ASPECTS

• Location

Kumi Industrial Estate, Korea or another convenient location.

• Land and Buildings

Land: 15,000 square feet
Buildings: 10,000 square feet

• Labour

Workers of all skills are readily available. Wages per month, US\$ as of August 1971:

Technicians:	Maximum 92, minimum 40, average 57
Workers:	Maximum 39, minimum 17, average 23

• Raw Materials

Raw materials will have to be imported mainly from Japan.

• Infrastructure

The plant will be located in an industrial estate. Therefore, it has easy access to all infrastructural facilities.

• Utilities

Electricity	US\$0.019 per kWh
Water	US\$0.034 per m ³ /ton

IV. ECONOMIC ASPECTS

• Importance

There are about 200 electronics firms in Korea with a limited range of products. The planned target is to expand the local supply to substitute for imports. Therefore, key component factories are required, also for the purpose of increasing the value added.

• Incentives

A number of incentives are granted under the Foreign Capital Inducement Law to export industries and import substitution industries with foreign investment components. They include: exemption for five years from corporation tax, income tax, property tax and property acquisition tax. A 50% reduction of these taxes for the ensuing three years is allowed. Customs duties on capital goods to be imported for investment purposes and on raw materials for the manufacture of export goods are exempt.

V. FINANCIAL ASPECTS

• Estimated Investment

	<u>Local Cost</u>	<u>Foreign Exchange</u>	<u>Total</u>
Land	20,000	-	20,000
Buildings	50,000	-	50,000
Machinery	100,000	360,000	460,000
Working Capital	204,000	-	204,000
Total	374,000	360,000	734,000

• Proposed Financing Plan

	<u>Local Cost</u>	<u>Foreign Exchange</u>	<u>Total</u>
Equity	240,000	-	240,000
Loan Capital	134,000	-	134,000
Supplier's Credit	-	360,000	360,000
Total	374,000	360,000	734,000

VI. ADDITIONAL RELEVANT INFORMATION

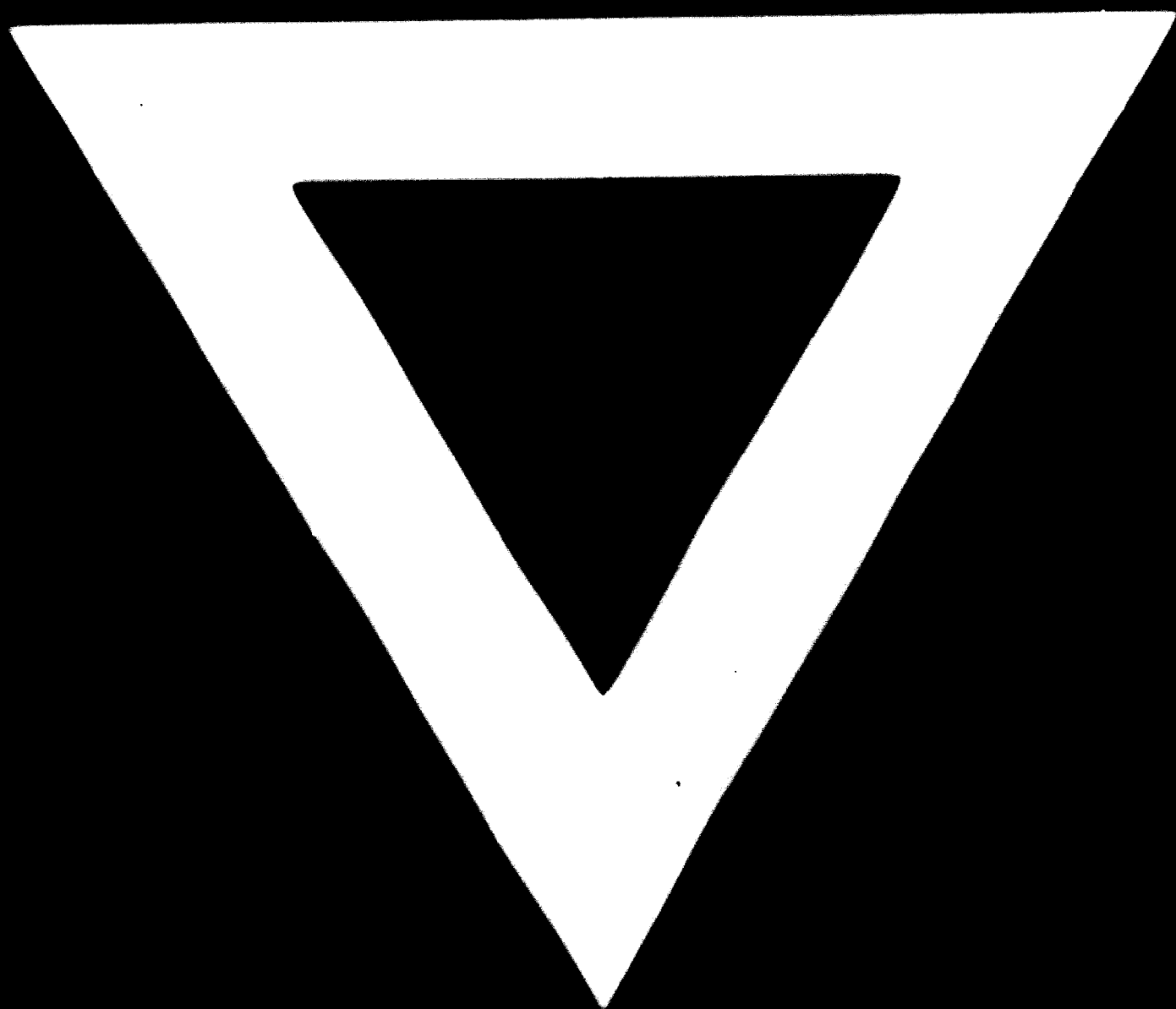
• Legal Structure

Private Limited Company

• Documentation

The Fine Instruments Center, Seoul, is in a position to supply further information.

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