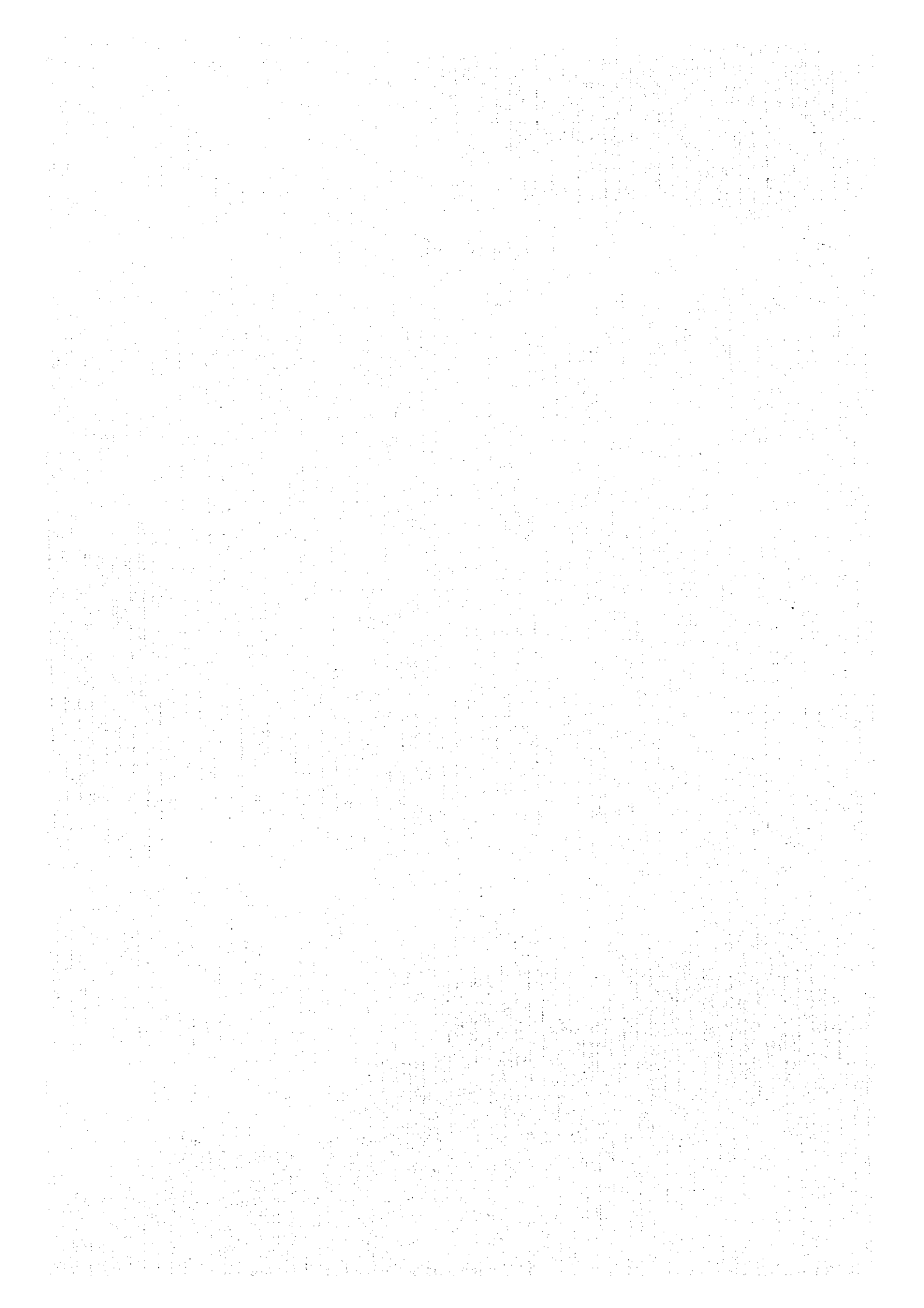


## VI. 実施細則、協議議事録



SCOPE OF WORK  
FOR  
THE STUDY (AFTER CARE)  
ON  
INDUSTRIAL SECTOR DEVELOPMENT  
(ELECTROPLATING AND WASTE WATER TREATMENT)  
IN  
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

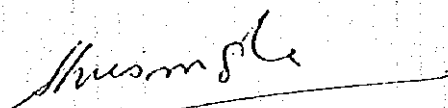
AGREED UPON BETWEEN


INDUSTRIAL DEVELOPMENT BOARD,  
MINISTRY OF INDUSTRIAL DEVELOPMENT

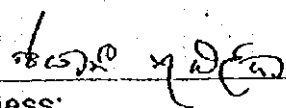
AND

THE JAPAN INTERNATIONAL COOPERATION AGENCY

COLOMBO, MARCH 8, 1996

  
H.M.V. JAYASINGHE  
CHAIRMAN  
INDUSTRIAL DEVELOPMENT BOARD  
SRI LANKA

  
AKIRA YAMAZAKI  
LEADER,  
PREPARATORY STUDY TEAM,  
JAPAN INTERNATIONAL  
COOPERATION AGENCY

  
In witness;  
D.D.J. KUDALIGAMA  
ADDITIONAL DIRECTOR GENERAL  
DEPARTMENT OF EXTERNAL RESOURCES  
MINISTRY OF FINANCE, PLANNING,  
ETHNIC AFFAIRS AND NATIONAL INTEGRATION

## I. INTRODUCTION

In response to the request of the Government of The Democratic Socialist Republic of Sri Lanka (hereinafter referred to as "the Government of Sri Lanka"), the Government of Japan decided to conduct the Study (After Care) on Industrial Sector Development (Electroplating and Waste Water Treatment) in Sri Lanka (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study in close cooperation with the relevant authorities concerned of the Government of Sri Lanka.

The present document sets forth the scope of work for the Study.

## II. OBJECTIVE OF THE STUDY

The objective of the Study is to reformulate programs and projects for electroplating industries in Sri Lanka, through field surveys and studies on electroplating industries and their impact upon environment.

## III. SCOPE OF THE STUDY

1. Review and field surveys on the present situation of electroplating industries in Sri Lanka
  - 1-1 Present status of industries and the trend of industrial development in Sri Lanka
  - 1-2 Present status of the electroplating industry in the Sri Lankan economy
  - 1-3 Present situation in the electroplating industry
2. Review and field surveys on the present situation of environmental pollution in Sri Lanka
  - 2-1 General situations of environmental pollution
  - 2-2 Present situations of industrial pollution
  - 2-3 Present situation of and control measures for pollution in the electroplating industry
3. Identification of problems and issues of the electroplating industry in Sri Lanka
  - 3-1 Legal, administrative and technological problems

and issues in the electroplating industry  
3-2 Environmental problems and issues in the  
electroplating industry

4. Identification of appropriate technologies for the electroplating  
industry in Sri Lanka

4-1 Electroplating technologies

4-2 Waste water treatment technologies

5. Formulation of programs and projects for the dissemination and  
improvement of electroplating and waste water treatment  
technologies of the electroplating industry in Sri Lanka

5-1 Goals, objectives and concepts

5-2 Activities

5-3 Evaluation of the suggested programs and projects  
(financial, technical, environmental and social  
evaluation)

5-4 Implementation schedule of the programs and  
projects

6. Measures to be taken by the Government of Sri Lanka to upgrade  
the electroplating industry in the country

6-1 Rules and regulations

6-2 Financial support

6-3 Administrative arrangements and supports

6-4 Others

7. Conclusion and recommendations

#### IV. WORK SCHEDULE

The Study will be carried out in accordance with the attached  
tentative work schedule.

#### V. REPORTS

JICA shall prepare and submit the following reports in English  
to the Government of Sri Lanka in accordance with the attached  
tentative work schedule.

Ten (10) copies of the Inception Report

Ten (10) copies of the Progress Report

Thirty (30) copies of the Draft Final Report

Thirty (30) copies of the Final Report

## VI. UNDERTAKING BY THE GOVERNMENT OF SRI LANKA

1. The Government of Sri Lanka shall accord privileges, exceptions and other benefits to the Japanese study team (hereinafter referred as "the Team") in accordance with the Agreement on Technical Cooperation between the Government of Japan and the Government of Sri Lanka .
2. To facilitate the smooth conduct of the Study, the Government of Sri Lanka shall take necessary measures:
  - 2-1 To secure the safety of the Team.
  - 2-2 To permit the members of the Team to enter, leave and stay in Sri Lanka for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees.
  - 2-3 To exempt the members of the Team from taxes, duties and other charges on equipment, machinery and other materials brought into and out of Sri Lanka for the conduct of the Study.
  - 2-4 To exempt the members of the Team from income tax and charges of any kind imposed on, or in connection with, any emoluments or allowances paid to them for their services for the implementation of the Study.
  - 2-5 To provide necessary facilities to the Team for remittance as well as utilization of the funds introduced into Sri Lanka from Japan for the implementation of the Study.
  - 2-6 To secure permission for entry into private properties or restricted areas for the implementation of the Study.
  - 2-7 To secure permission for the Team to take all data and documents including photographs and maps related to the Study out of Sri Lanka.
  - 2-8 To provide medical service as needed. (Any expenses incurred can be charged to the members of the Team.)
3. The Government of Sri Lanka shall bear claims, if any arises against a member of the Team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the Team members.
4. Industrial Development Board (hereinafter referred as "IDB") shall act as a counterpart agency to the Team and also as a

coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

5. IDB shall, at its own expense, provide the Team with the following in cooperation with other organizations concerned:
- 5-1 Available data and information related to the Study
  - 5-2 Counterpart personnel
  - 5-3 Suitable office space with necessary equipment
  - 5-4 Credentials or identification cards
  - 5-5 Appropriate number of vehicles and drivers

## VII. UNDERTAKING BY JICA

For the implementation of the Study, JICA shall take the following measures:

- 1. To dispatch, at its expense, a series of study teams to Sri Lanka
- 2. To pursue technology transfer to the Sri Lanka counterpart personnel in the course of the study.

## VIII. OTHERS

JICA and IDB shall consult with each other in respect of any matter that may arise from or in connection with the Study.

APPENDIX

TENTATIVE SCHEDULE OF THE STUDY

YEAR	1996												1997	
	5	6	7	8	9	10	11	12	1	2				
WORK IN SRI LANKA			■			■						■		
WORK IN JAPAN		□			■				■				□	
REPORT		△ ICR	△ PRR			△ PRR			△ PRR	△ DFR			△ F/R	

■ WORK IN SRI LANKA    □ WORK IN JAPAN

△ ICR: INCEPTION REPORT  
 △ PR/R: PROGRESS REPORT  
 △ DF/R: DRAFT FINAL REPORT  
 △ F/R: FINAL REPORT

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MINUTES OF MEETING  
ON SCOPE OF WORK FOR  
THE STUDY (AFTER CARE) ON  
INDUSTRIAL SECTOR DEVELOPMENT  
(ELECTROPLATING AND WASTE WATER TREATMENT)  
IN  
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

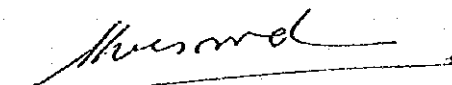
The Preparatory Study Team (hereinafter referred to as "the Team"), organized and dispatched by JICA, visited the Democratic Socialist Republic of Sri Lanka from 5 to 16 March for the purpose of discussing and finalizing Scope of Work (hereinafter referred to as "the S/W") on the proposed study on "The Study (After Care) on Industrial Sector Development (Electroplating and Waste Water Treatment)" (hereinafter referred to as "the Study").

In connection with above, the Team had a series of meetings with officials concerned of Industrial Development Board, Ministry of Industrial Development (hereinafter referred as "IDB") on the S/W. The list of Attendants in a series of meetings is attached in the Appendix.

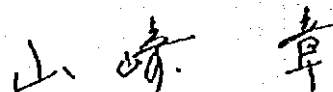
These records should be read in conjunction with the S/W agreed upon and signed between IDB and the Team dated March 8, 1996.

1. With regard to III.2-3 of the S/W, the Team explained that the item covers present level of waste water disposal of electroplating industry in Sri Lanka and its impact on environment.
2. With regard to VI.5 of the S/W, IDB explained that they should provide office space within a premises of electroplating centre of IDB, and assign officers of the centre as counterpart personnel.
3. IDB explained that the Study should be conducted with consideration to small and medium size industries in the country.

COLOMBO, MARCH 8, 1996



H.M.V. JAYASINGHE  
CHAIRMAN  
INDUSTRIAL DEVELOPMENT BOARD  
SRI LANKA



AKIRA YAMAZAKI  
LEADER,  
PREPARATORY STUDY TEAM,  
JAPAN INTERNATIONAL  
COOPERATION AGENCY

APPENDIX

SRI LANKAN SIDE:

H.M.V. JAYASINGHE	Chairman
Keerthi SENARATNE	General Manager
H.F. NANAYAKKARA	Acting Chief Engineer
M.Y. GUNASENA	Superintendent Electroplating

JAPANESE SIDE:

YAMAZAKI, Akira	Team Leader
MORIYA, Takeshi	Technical Cooperation
NAGAIKE, Osamu	Nonferrous Metals
MIMURA, Satoru	Project Planning
TAKAHARI, Tomoo	Waste Water Treatment

Handwritten signatures and initials.







JICA



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