



Description	1st year				2nd year				3rd year				4th year											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
<b>I. Engineering</b>																								
-1 Detailed Design																								
(1) Survey & Investigation																								
(2) Detailed Design																								
(3) Preparation of Tender Document																								
-2 Tendering																								
-3 Supervision of Construction Work																								
<b>II. Construction works of Case Study Area-I</b>																								
-1 Irrigation Uva Ela IS																								
-2 Agricultural Feeder Road																								
(1) Oruota-Naranpanawa Rd.(No.1)																								
(2) Rasiyagama-Metideniya Rd.(No.4)																								
(3) Loolwatta-Meemuura Rd.(No.6)																								
(4) Madugalla-Pamunuwara Rd.(no.7)																								
(5) Marurata-Mandaramuwara Rd.(No.9)																								
(6) Kitulpe-Kirimetiya Rd.(No.10)																								
(7) Teripeha-Bolgandawela-Tithawekandura Rd. (No.15 & 32)																								
(8) Teripeha-Randenigala Rd.(No.16)																								
(9) Hakgala-Amberst Rd.(No.20)																								
(10) Bumarapana-Horatota-Ketawela Rd. (No.21 & 24)																								
(11) Etampitiya-Horatota Rd.(No.25)																								
(12) Boradenda-Wangiyakumbura Rd.(No.27)																								
(13) Tawana-Ambewela RS Rd.(No.28)																								
-3 Rural Water Supply : Wanumulla WS Scheme																								
-4 Agricultural Promotion & Supporting Plan																								
(1) Produce Storage Facility Scheme																								
Hanguranketa																								
Walapane																								
Uva Parangama																								
Ambagasdawa																								
Bogahakumbura																								
Boradenda																								
(2) Improvement Scheme of Pota Facility																								
Uda Dumbura																								
Napalabokka																								
Welimada																								
-5 Farm Land Conservation																								
(1) Madugoda Priority Scheme																								
(2) Hakgala Priority Scheme																								
<b>III. Construction Works of Case Study Area-II</b>																								
-1 Irrigation																								
(1) Damme Ela Irrigation Scheme																								
(2) Isodanawela Irrigation Scheme																								
-2 Agricultural Feeder Road																								
(1) Uduwoda-Deegala Rd.(No.1)																								
(2) Dolosbage-Pelanpitiya Rd.(No.2)																								
(3) Muruntruwa-Maniyangama Rd.(No.5)																								
(4) Maliboda-Yatiwala-Kuruwita Rd.(No.9 & 15)																								
(5) Minnana-Erepola Rd.(No.12)																								
(6) Galatara-Ihalagatara Rd.(No.19)																								
(7) Kotamulla-Medagalatara Rd.(No.23)																								
-3 Rural Water Supply : Kuruwita WS Scheme																								
-4 Agricultural Promotion & Supporting Plan																								
(1) Fertilizer & Agro-chemical Storage Facility Improvement Scheme																								
Pelanpitiya																								
Ebeliyagoda																								
Kuruwita																								
Dodampe																								
Gawaragiriya																								
(2) Seed Paddy Storage Facility Improvement Scheme																								
Ebeliyagoda																								
Ayyagama																								
Dumbura/Manana																								
Kelepola																								
(3) Seed Paddy Multiplication Facility Improvement Scheme																								
Karapittha DTC																								
(4) Agricultural Training Facilities Improvement Scheme																								
Karapittha DTC																								
(5) Improvement Scheme of Pota Facility																								
Yatyanlota																								
Talduwa																								
Kuruwita																								
-5 Farm Land Conservation																								
(1) Pelanpitiya Priority Scheme																								

Fig. 4.2-1 Proposed Construction Schedule

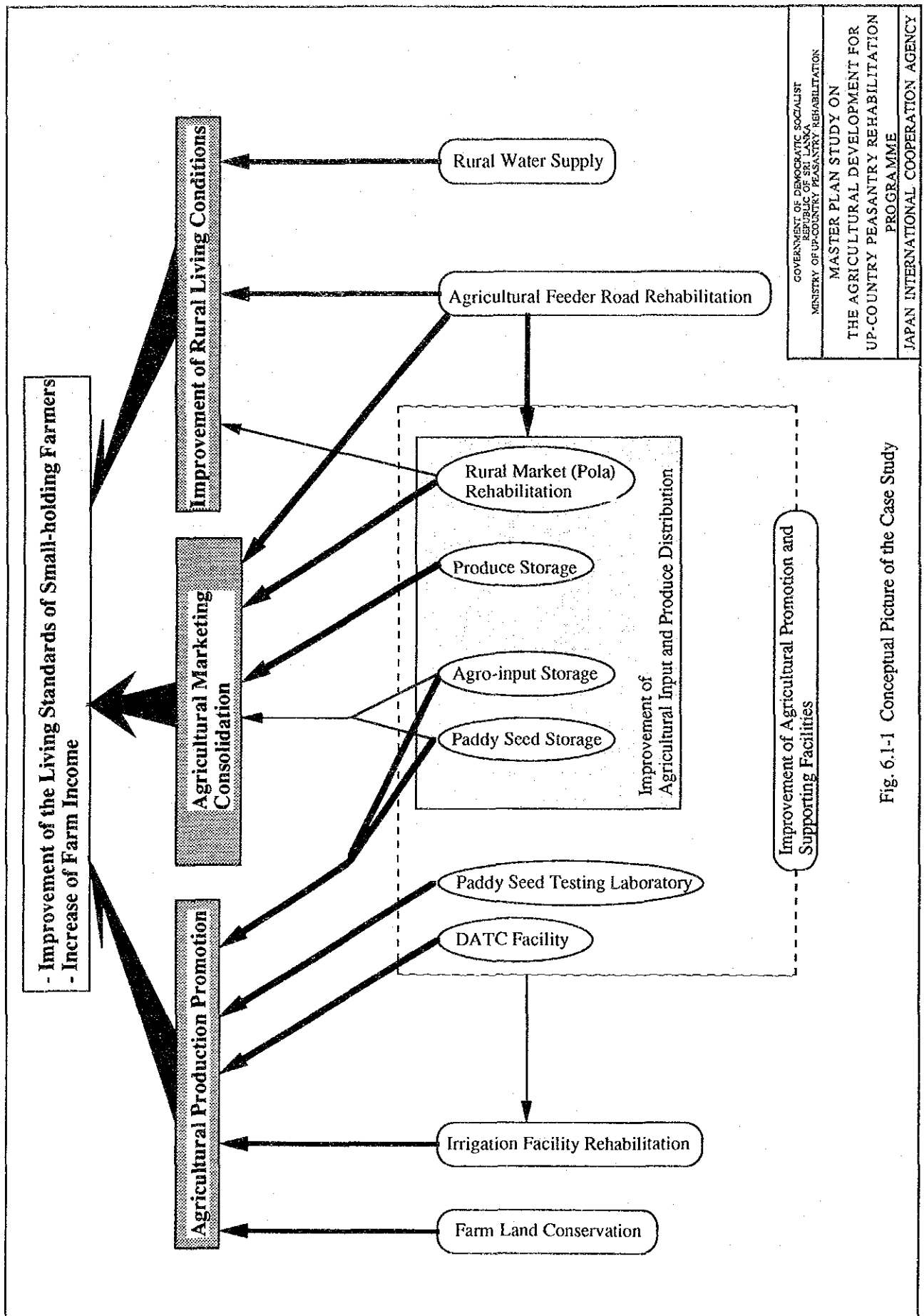


Fig. 6.1-1 Conceptual Picture of the Case Study

***ATTACHMENT***



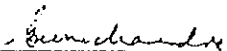
***ATTACHMENT 1***



SCOPE OF WORK  
FOR  
THE MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

AGREED UPON BETWEEN  
MINISTRY OF LANDS, IRRIGATION AND MAHAWELI DEVELOPMENT  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY

COLOMBO, 12 NOVEMBER, 1992



Mr. D.G. Premachandra  
Secretary,  
Ministry of Lands, Irrigation  
and Mahaweli Development



Mr. Eiji Okano  
Leader,  
Preparatory Study Team  
Japan International  
Cooperation Agency



## I. INTRODUCTION

In response to the request of the Government of the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as "the Government"), the Government of Japan has decided to conduct the master plan study on the Agricultural and Rural Development for Up-country Peasantry Rehabilitation programme (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 programmes of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of Sri Lanka.

The present document sets forth the Scope of Work with regard to the Study.

## II. OBJECTIVES OF THE STUDY

The objectives of the Study are:

1. to formulate a master plan on the agricultural and rural development for Up-country Peasantry Rehabilitation Programme, and
2. to carry out technology transfer to the Sri Lanka counterpart personnel in the course of the Study.

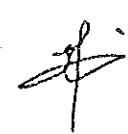
## III. STUDY AREA

The study area is to cover Central Province, Uva Province and Sabaragamuwa Province (approximately 19,000km<sup>2</sup>).

## IV. SCOPE OF THE STUDY

In order to achieve the above objectives, the Study will cover the following items:

- 1: to collect and review existing data and information and to carry out field survey and investigation in the study area,
  - natural condition (meteorology and hydrology, geology, soil, topography etc.)
  - social and economic conditions (population, number of farmers' household, social structure, etc.)
  - agriculture (land use and tenure, cropping pattern, crop yielding, agricultural support services, and organizations for farming, etc.)
  - agricultural and rural infrastructure (irrigation and drainage facility, agricultural rural road, rural water supply facility etc.)
  - others

2 

2. to carry out inventory survey on existing projects under being planned and implemented
  - structuring data base (irrigation, agricultural rural road, water supply, agricultural training center, marketing center and processing facilities for agricultural products, environmental protection projects, etc.)
  - review of necessity and component of each project
  - modification of each project and proposing new necessary project
  - others
3. to carry out farmer's household survey
4. to formulate a master plan on the agricultural and rural development for the Up-country Peasantry Rehabilitation Programme as follows;
  - land and water resources development plan,
  - agriculture and rural infrastructure development plan,
  - agriculture support plan,
  - environmental preservation and management plan, and
  - implementing plan

The plan components consist of;

- irrigation,
  - agricultural rural road,
  - rural water supply,
  - electrification, -
  - agricultural and animal husbandry production,
  - agricultural supporting services (marketing, extension, training, etc), and
  - agricultural land degradation (soil conservation, land slide).
5. to formulate a guideline for promoting;
    - agriculture and rural infrastructure development plan,
    - agriculture support plan, and
    - environmental preservation and management plan, and
 to carry out case studies (maximum three numbers), following the guideline.

#### V. STUDY SCHEDULE

The study will be carried out in accordance with the tentative schedule attached in Annex.

#### VI. REPORTS

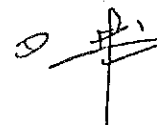
JICA shall prepare and submit following reports in English to the Government of Sri Lanka.

1. Inception Report  
Twenty (20) copies at the commencement of the study.

2. Progress Report (1)  
Twenty (20) copies at the end of the first field survey in Sri Lanka.
3. Interim Report  
Twenty (20) copies at the end of the first home office work in Japan.
4. Progress report (2)  
Twenty (20) copies at the end of the second field survey in Sri Lanka.
5. Draft Final Report  
Twenty (20) copies at the end of the second home office work in Japan. The Government of Sri Lanka shall provide JICA with its comments on the Draft Final Report within one (1) month after receiving the Draft Final Report.
6. Final Report  
One hundred (100) copies within two (2) months after receiving the comments on the Draft Final Report.

#### VII. UNDERTAKING OF THE GOVERNMENT OF SRI LANKA

1. To facilitate smooth conduct of the Study, the Government of Sri Lanka shall take necessary measures;
  - (1) to secure the safety of the Japanese study team,
  - (2) to permit the members of the Japanese study team to enter, leave and sojourn in Sri Lanka for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
  - (3) to exempt the members of the Japanese study team from taxes, duties, fees and any other charges on equipment, machinery and other materials brought into Sri Lanka for the conduct of the study,
  - (4) to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
  - (5) to provide necessary facilities to the Japanese study team for remittance as well as utilization of the funds introduced into Sri Lanka from Japan in connection with the implementation of the Study,
  - (6) to secure permission for entry into private properties or restricted areas for the implementation of the Study,
  - (7) to secure permission for the Japanese study team to take all data and documents related to the Study including photographs and maps out of Sri Lanka to Japan,
  - (8) to provide medical services as needed. Its expense will be chargeable on the members of the Japanese study team.



2. The Government of Sri Lanka shall bear claims, if any arises, against the members of the Japanese study 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 members of the Japanese study team.
3. The Ministry of Lands, Irrigation and Mahaweli Development (hereinafter referred to as "MLIMD") shall act as counterpart agency to the Japanese study team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.
4. MLIMD shall, at its own expense, provide the Japanese study team with the following, in cooperation with other organizations concerned:
  - (1) available data and information related to the Study,
  - (2) counterpart personnel,
  - (3) suitable office space with necessary equipments in Colombo and project sites,
  - (4) credentials or identification cards,

#### VIII. UNDERTAKING OF JICA


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

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

#### IX. CONSULTATION

JICA and MLIMD will consult with each other in respect of any matter that is not agreed upon in this document and may arise from or in connection with the Study.

2



## ANNEX

## TENTATIVE SCHEDULE

Item	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
WORK IN SRI LANKA																	
WORK IN JAPAN																	
Reports		△ IC/R		△ P/R (1)		△ IT/R				△ P/R (2)		△ DF/R					△ F/R

(Remarks) IC/R: Inception Report      P/R(1): Progress Report (1)  
 IT/R: Interim Report      P/R(2): Progress Report (2)  
 DF/R: Draft Final Report      F/R : Final Report

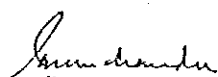
○: Comments on DF/R by Sri Lanka Side

***ATTACHMENT 2***



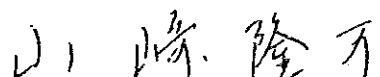
MINUTES OF DISCUSSION  
ON  
INCEPTION REPORT  
FOR  
MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

FEBRUARY 25, 1993



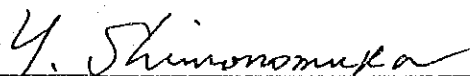
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D. G. PREMACHANDRA  
SECRETARY  
MINISTRY OF LANDS, IRRIGATION AND  
MAHAWELI DEVELOPMENT



---

TAKAYOSHI YAMAZAKI  
TEAM LEADER,  
JICA STUDY TEAM



---

WITNESSED BY YASUHIRO SHIMONOMURA  
MEMBER, ADVISORY COMMITTEE



JICA submitted twenty (20) copies of the Inception Report to the Ministry of Lands, Irrigation and Mahaweli Development on 23 February, 1993. The meeting was held to discuss the Report on 25 February, 1993.

1. Time : From 14:30 to 15:40
2. Place : Conference Room of MLIMD
3. Attendance : See attached list

The discussion was presided by Mr B Bulumulla, Secretary of Ministry of Up-country Peasantry Rehabilitation. The JICA Study team explained the outline of the Report. The discussion was based on the Report. The main issues were discussed and confirmed between both parties;

- (1) The Report was generally accepted by Ministry of Lands, Irrigation and Mahaweli Development, and other Agencies concerned who were present agreed.
- (2) It was agreed that the study will take note of all development projects in the Region, in order to avoid possible duplication.

*Yes*      *Q*      *(41)*

*List of Attendance*

MEETING TO DISCUSS THE INCEPTION REPORT  
ON  
MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

Mr. B. Bulumulla .....	Secretary, MUPR
Mr. D. M. P. B. Dassanayake.....	Commissioner, Dept. of UPR
Mr. K. Thurairajaratnam .....	Snr. Dty. Director, Irrigation Dept.
Mr. J. G. A. Wijedasa.....	Dty. Chief Secretary, Sabaragamuwa P. C.
Ms. Kumudini Atukorala.....	Asst. Director, MADR
Mr. W. M. Bandusena.....	Dty. Director, MLIMD
Mr. H. M. Rupasinghe.....	Dty. Director, NPD
Mr. W. G. T. Gamanayake.....	Dty. Commissioner, DUPR
Ms. Ranjini Pathberiya .....	Dty. Director, Dept. of Ext. Resources
Mr. Y. Shimonomura.....	Member of Advisory Committee
Mr. H. Hioki.....	JICA Head Quarter
Mr. T. Yamazaki .....	Team Leader, JICA Study Team
Mr. F. Tamura.....	Co-leader, JICA Study Team
Mr. N. Nagai .....	JICA Study Team
Mr. K. Tsumura.....	JICA Study Team
Mr. L. K. Devasiri.....	JICA Study Team
Mr. Y. Ogata.....	JICA Study Team

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D

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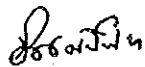


***ATTACHMENT 3***



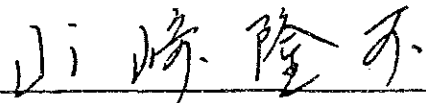
MINUTES OF DISCUSSION  
ON  
INTERIM REPORT  
FOR  
MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

October 4, 1993



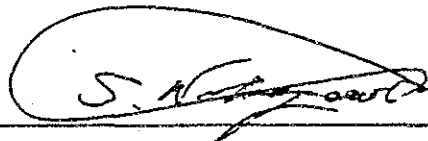
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O. C. JAYAWARDANE  
SECRETARY,  
MINISTRY OF LANDS



---

TAKAYOSHI YAMAZAKI  
TEAM LEADER  
JICA STUDY TEAM



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WITNESS BY Dr. SHOICHIRO NAKAGAWA  
LEADER OF JICA ADVISORY TEAM

JICA submitted twenty (20) copies of the Interim Report to the Ministry of Lands on 28 September, 1993. The meeting was held to discuss the Report on 4 October, 1993.

1. Time : From 9:00 a.m. to 10:30 a.m.
2. Place : Conference Room of Ministry of Lands
3. Attendance : as per attached list

The discussion was presided over by Mr. O. C. Jayawardane, Secretary, Ministry of Lands. The JICA Study Team explained the outline of the Report. The discussion was based on the Report. The main issues were discussed and confirmed between both parties;

- (1) The Report was generally accepted by the Ministry of Lands and other agencies concerned who were present.
- (2) Initiative expressed in the Report on the implementation agency was agreed upon by the Steering Committee subject to further revision on project administration if necessary.
- (3) Request was made by the MUPR to add three divisions (Kundasale, Hali Ela and Kandaketiya) to the case study area delineated by the study team.

*JL*

*S.*

(2)

## List of Attendance

MEETING TO DISCUSS THE INTERIM REPORT  
ON  
MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

Mr. O. C. Jayawardane .....	Secretary, Ministry of Lands
Mr. B. Bulumulla .....	Secretary, MUPR
Mr. L. U. Weerakoon .....	Secretary, Ministry of Irrigation
Mr. D. M. P. B. Dassanayake .....	Commissioner, Dept. of UPR
Mr. G. K. Amaratunga .....	Chairman, CEA
Mr. W. N. M. Botejue .....	Addl. Director, Dept. of Irrigation
Mr. J. Jayasinghe .....	Addl. Director, LUPPD
Ms. S. Malalasekra .....	Director. (Planing), ML
Mr. W. R. A. P. Ranasinghe .....	Secretary, Sabaragamuwa PC
Mr. H. M. H. Abeyweera .....	Land Commissioner, CP
Mr. H. Banduratne .....	Dty. Director, Dept. of National Planning
Mr. H. M. Rupasinghe .....	Dty. Director, Dept. of National Planning
Mr. W. T. G. Gamanayake .....	Dty. Commissioner, UPR
Mr. P. C. Senaratna .....	Dty. Director (Planning), Dept. of Irrigation
Mr. K. P. A. Gunaratna .....	Asst. Director (Planning) Sabaragamuwa PC
Ms. Kumudini Atukorala .....	Asst. Director, MADR
Dr. S. Nakagawa .....	Leader of JICA Advisory Team
Mr. H. Sakurai .....	JICA Head Quarter
Mr. J. Iida .....	JICA Sri Lanka Office
Mr. T. Yamazaki .....	Team Leader, JICA Study Team
Mr. F. Tamura .....	Co-leader, JICA Study Team
Mr. N. Nagai .....	JICA Study Team
Mr. K. Tsumura .....	JICA Study Team
Mr. Y. Iwai .....	JICA Study Team
Mr. L. K. Devasiri .....	JICA Study Team
Mr. Y. Ogata .....	JICA Study Team

*S.S.*

*S.S.* 



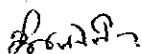


***ATTACHMENT 4***



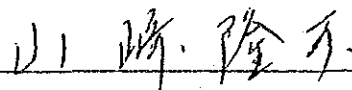
MINUTES OF DISCUSSION  
ON  
DRAFT FINAL REPORT  
FOR  
THE MASTER PLAN STUDY  
ON  
THE AGRICULTURAL AND RURAL DEVELOPMENT  
FOR  
UP-COUNTRY PEASANTRY REHABILITATION PROGRAMME

JUNE 7, 1994



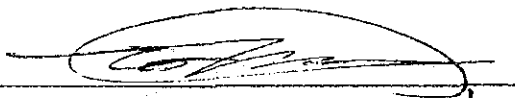
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O.C. JAYAWARDANE  
SECRETARY  
MINISTRY OF LAND



---

TAKAYOSHI YAMAZAKI  
TEAM LEADER  
JICA STUDY TEAM



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WITNESSED BY DR. TOHRU MASE  
MEMBER, ADVISORY COMMITTEE

JICA submitted twenty (20) copies of the Draft Final Report to the Ministry of Lands in June 1, 1994. Meetings were held to discuss the Report on June 3 and June 7, 1994.

1. Place : Conference Room of Ministry of Lands

2. Attendance : As per attached lists

### 3. Summary of Discussion

The discussion was presided by Mr. O.C. Jayawardane, Secretary, Ministry of Lands. The JICA Study Team explained the outline of the Report. The discussion was made based on the Report. Various issues relating to the projects were discussed and the following were confirmed between both parties;

- (1) The Report was generally accepted by the Ministry of Lands and other agencies concerned who were present.
- (2) In the implementation of projects under the programme; it was agreed that the relevant agencies will conform to the environmental legislation in Sri Lanka.
- (3) Ministry of Lands will send comments on the Report to the JICA Sri Lanka Office before July 7, 1994.
- (4) Ministry of Lands has no objection for making the Final Report open to the public in Japan.



STEERING COMMITTEE MEETING ON MASTER PLAN STUDY ON  
 AGRICULTURAL & RURAL DEVELOPMENT FOR  
 UP-COUNTRY PEASANTRY REHABILITATION

---

03.06.94 at 2.30 p.m.

Attendance

<u>Name</u>	<u>Designation &amp; Agency</u>
1. Mr. O.C. Jayawardana	Secretary, Ministry of Lands
2. Mr. B. Bulumulla	Secretary, Ministry of UPR
3. Mr. D.M.P.B. Dassanayake	Commissioner, Dept. of UPR
4. Mr. J. Jayasinghe	Director, L.U.P.P.D.
5. Mr. V. Regunathan	Senior Dy. Director, Irrigation Department
6. Mr. P.C. Senaratne	Deputy Director(Planning), Irrigation Dept.
7. Mrs. S. Malalasekara	Director(Planning), Ministry of Lands.
8. Mr. H. Banduratne	Addl. Director, National Planning Dept.
9. Mr. C.M.M. Chandrasekera	Deputy Director, National Planning Dept.
10. Mr. W.G.T. Gamanayake	Dy. Commissioner, Dept. of UPR
11. Mr. N. Suresh Kumar	Senior Environment Officer, C.E.A.
12. Mrs. Kumudinee Atukorala	A.D., Ministry of Agricultural Dev. & Research
13. Dr. Toru Mase	Member of Advisory Committee
14. Mr. S. Nabeya	JICA Headquarter
15. Mr. T. Yamazaki	Team Leader, JICA Team
16. Mr. Fumio Tamura	Co-Leader of JICA Study Team
17. Mr. Jiro Iida	JICA Colombo
18. Mr. L.K. Devasiri	UPR Study Team Member

*[Handwritten signature]*

STEERING COMMITTEE MEETING ON MASTER PLAN STUDY ON  
AGRICULTURAL & RURAL DEVELOPMENT FOR  
UPCOUNTRY PEASANTRY REHABILITATION

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07.06.94 at 9.00 a.m.

Attendance

<u>Name</u>	<u>Designation &amp; Agency</u>
1. Mr. O.C. Jayawardena	Secretary, Ministry of Lands
2. Mr. B. Bulumulla	Secretary, Ministry of UPR
3. Mr. L.U. Weerakoon	State Secretary, Irrigation
4. Mr. D.M.P.B. Dassanayake	Commissioner, Dept. of UPR
5. Mr. G.H. Amaratunge	Chairman, Central Environment Authority
6. Mr. K. Yoganathan	Director - Irrigation
7. Mr. D.M. Nandisena	District Secretary, Kandy
8. Mr. M. Etampawala	District Secretary, Badulla
9. Mr. D. Hettiarachchi	District Secretary, Nuwara Eliya
10. Mrs. D.D.J. Kudaligama	Director, External Resources Dept.
11. Mr. S. Amarasekera	Director, Regional Development
12. Mr. J. Jayasinghe	Director, LUPPD
13. Mrs. S. Malalasekera	Director Planning, Ministry of Lands
14. Mr. W.R.A.P. Ranasinghe	Secretary, Chief Ministry Sabaragamuwa Province
15. Mr. W.G.T. Gamanayake	Deputy Commissioner, Dept. of UPR
16. Mr. J.P. Hettiarachchi	Director, Land Use Policy Planning Division
17. Mr. C.M.M. Chandrasekera	Dy. Director, National Planning Department
18. Mr. W.P. Jinadasa	Senior Deputy Director, Irrigation
19. Mr. N. Suresh Kumar	Senior Environmental Officer, C.E.A.
20. Mr. K.P.A. Gunaratne	Representative of District Secy, Ratnapura
21. Dr. Toru Mase	Member of the Advisory Committee
22. Mr. Shiro Nabeya	JICA Headquater
23. Mr. Takayoshi Yamazaki	Team Leader , JICA Team
24. Mr. Fumio Tamura	Co-Leader of JICA Study Team
25. Mr. Tiro Iida	JICA Colombo
26. Mr. L.K. Devasiri	UPR Study Team Member

*Handwritten signature/initials*





JICA