

APPENDIX

Appendix A: Scope of Works and Minutes of Meeting for Scope of Works

Appendix B: Minutes of Meeting on the Reports

Appendix C: Comments of GOI and Answers of JICA on Draft Final Report

Appendix D: Steering Committee, JICA Study Team and GOI Counterpart

Scope of Work
for
The Study for
Improvement of Irrigation Management and Empowerment of Water Users' Associations
for Enhancement of Turnover Program
in the Republic of Indonesia
agreed upon
between
Directorate General of Water Resources Development,
Ministry of Public Works
and
Japan International Cooperation Agency

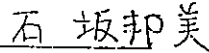
Jakarta, September 30, 1999

For Directorate General of
Water Resources Development,



Roestam Sjarief
Director of Water Resources Management
and Conservation,
Directorate General of
Water Resources Development,
Ministry of Public Works

For Japan International Cooperation Agency,



Kuniyoshi ISHIZAKA
Leader
The Preparatory Study Team
Japan International Cooperation Agency

I. INTRODUCTION

In response to the request of the Government of the Republic of Indonesia (hereinafter referred to as "Indonesia"), the Government of Japan decided to conduct the Study for Improvement of Irrigation Management and Empowerment of Water Users' Associations for Enhancement of Turnover Program in the Republic of Indonesia (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 authorities concerned of Indonesia.

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 as follows;

- (1) Formulate the detailed action plan(s) on the improvement of irrigation management and the empowerment of the Water Users' Associations (hereinafter referred to as WUAs) for the enhancement of the turnover program, taking the irrigation management policy reform into account,
- (2) Carry out the technology transfer to Indonesian counterpart personnel through on-the-job trainings in the course of the Study.

III. STUDY AREA

The Study shall cover five (5) provinces of West Sumatra, West Java, D.I. Yogyakarta, East Java and West Nusatenggara. The total land area and irrigated area shall be approximately 157,300km² and 2,910,000ha, respectively (Refer to the location map attached as Annex 1).

IV. SCOPE OF THE STUDY

In order to achieve the said objectives, the Study shall consist of the following items:

1. Data collection

- 1.1 Review the existing projects, studies and the national / regional development plans relevant to the Study.
- 1.2 Collect and Review the existing data and information relevant to the Study and carry out the field survey and interviews to obtain additional data on the following items:
 - (1) Structural aspect
 - a. Irrigation network
 - b. Operation & Maintenance and Management system
 - c. Social and cultural background (Settlement etc.)
 - d. Institution and Legislation

- e. Others
- (2) Operational aspect
 - a. Calculation of water demand
 - b. Formulation and implementation of water distribution plan
 - c. Calculation and collection of Irrigation Service Fee
 - d. Assessment to farmers and WUAs
 - e. Others

1.3 Design an outline of a database of WUAs

2. Formulation of the plan

- 2.1 Analyze the collected data and information, and identify major constraints and problems against the improvement of irrigation management and the empowerment of WUAs.
- 2.2 Formulate the detailed action plan(s) mainly on following components;
 - (1) Participatory approach on irrigation management,
 - (2) Establishment and empowerment of WUAs,
 - (3) Enhancement of Operation & Maintenance and management of WUAs, and,
 - (4) Implementation of irrigation management policy reform.
- 2.3 Prepare Conclusion and Recommendation
- 2.4 Organize workshop(s)/seminar(s)

V. STUDY SCHEDULE

The Study shall be carried out in accordance with the Tentative Work Schedule attached as Annex 2.

VI. REPORTS

JICA shall prepare and submit the following reports, written in English, to the Government of Indonesia;

- Inception Report : Twenty (20) copies at the commencement of the Study
- Progress (1) Report : Twenty (20) copies at the end of Phase I
- Interim Report : Twenty (20) copies at the commencement of Phase II
- Progress (2) Report : Twenty (20) copies at the end of Work in Indonesia of Phase II
- Draft Final Report : Forty (40) copies at the end of Phase II
Indonesian side shall submit written comments on the Draft Final Report to JICA in one (1) month after the receipt of the report.
- Final Report : Forty (40) copies in two (2) months after the receipt of comments on the Draft Final Report from Indonesian side

VII. UNDERTAKING OF THE GOVERNMENT OF INDONESIA

1. To facilitate the smooth conduct of the Study, the Government of Indonesia shall take necessary measures, as listed below;

- (1) Secure the safety of the Japanese study team,
- (2) Permit the members of the Japanese study team to enter, leave and sojourn in Indonesia for the duration of their assignment therein, and exempt them from alien registration requirements and consular fees,
- (3) Exempt the members of the Japanese study team from taxes, duties and other charges on equipment, machinery and other materials to be brought into and out of Indonesia for the conduct of the Study,
- (4) 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) Provide necessary facilities to the Japanese study team for remittance as well as utilization of the funds introduced into Indonesia from Japan in connection with the implementation of the Study,
- (6) Secure permission for the Japanese study team to enter private properties or restricted areas for the conduct of the Study,
- (7) Secure permission for the Japanese study team to take all data and documents, including photographs and maps, relevant to the Study out of Indonesia to Japan, and
- (8) Provide medical services as needed, its expenses will be chargeable to members of the Japanese study team.

2. The Government of Indonesia shall bear claims, if any arises, against 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. Directorate of Water Resources Management and Conservation, Directorate General of Water Resources Development, Ministry of Public Works (hereinafter referred to as "MoPW") shall act as the counterpart agency to the Japanese study team and also as the coordinating body in relations with other governmental and non-governmental organizations for the smooth implementation of the Study.

4. MoPW shall, at its own expense and in cooperation with other organizations concerned, provide the Japanese study team with the following;

M. ds

M. ds

- (1) Available data and information related to the Study,
- (2) Counterpart personnel,
- (3) Suitable office space and necessary equipments in Jakarta and the Study area, and,
- (4) Credentials or identification cards.

VIII. UNDERTAKING OF JICA

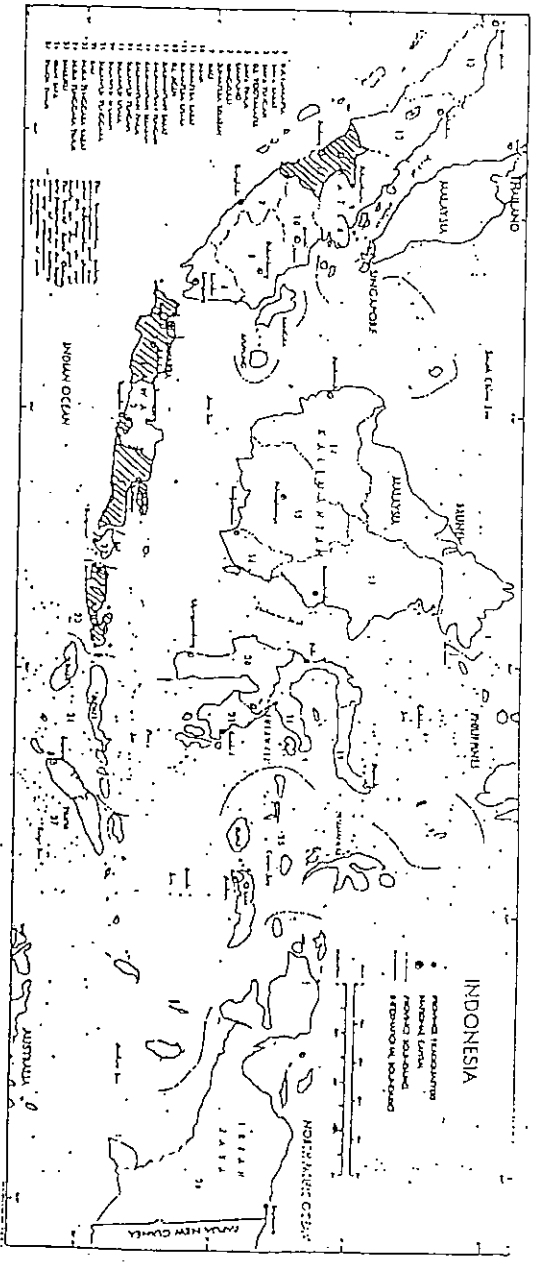
For the implementation of the study, JICA shall take the following measures;

- (1) Dispatch, at its own expense, study teams to Indonesia, and,
- (2) Pursue technology transfer to the Indonesian counterpart personnel in the course of the study.

IX. CONSULTATION

JICA and MoPW shall maintain constant communication and consult with each other in respect of any matters that may arise from or in connection with the Study.

Location map of the Study Area



Study Area

TENTATIVE WORK SCHEDULE

| MONTH | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | |
|-------------------|-----------|---|---|---|---|---|---|---|---|----|----------|--------|----|----|----|----|----------|--------|----|----|----|-------|--|--|--|
| Work in Indonesia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Work in Japan | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stages | ← Phase 1 | | | | | | | | | | | | | | | | Phase 2 | | | | | | | | |
| Reports | Δ IC/R | | | | | | | | | | Δ P/R(1) | Δ II/R | | | | | Δ P/R(2) | Δ DF/R | | | ◎ | Δ F/R | | | |

(Remarks)

- IC/R : Inception Report
- P/R(1) : Progress Report(1)
- I/R : Interim Report.
- P/R(2) : Progress Report(2)
- DF/R : Draft Final Report
- F/R : Final Report
- ◎ : Comments on DF/R by Indonesian side

AD 2

Minutes of Meetings
on
Scope of Work
for
The Study for
Improvement of Irrigation Management and Empowerment of Water Users' Associations
for Enhancement of Turnover Program
in the Republic of Indonesia
agreed upon
between
Directorate General of Water Resources Development,
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and
Japan International Cooperation Agency

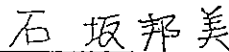
Jakarta, September 30, 1999

For Directorate General of
Water Resources Development,



Roestam Sjarief
Director of Water Resources Management
and Conservation,
Directorate General of
Water Resources Development,
Ministry of Public Works

For Japan International Cooperation Agency,



Kuniyoshi ISHIZAKA
Leader
The Preparatory Study Team
Japan International Cooperation Agency

I. INTRODUCTION

In response to the request of the Government of Indonesia, the Preparatory Study Team headed by Mr. ISHIZAKA (hereinafter referred to as "the Team"), was sent to Indonesia by the Government of Japan through the Japan International Cooperation Agency (hereinafter referred to as "JICA"), from September 20 to October 8, 1999 for the purpose of discussing and confirming the Scope of Work for The Study for Improvement of Irrigation Management and Empowerment of Water Users' Associations for Enhancement of Turnover Program, (hereinafter referred to as "the Study").

The Team held a series of discussions with the relevant authorities of the Government of Indonesia represented by Mr. Budiman Arif, Director General of Water Resources Development, Ministry of Public Works (hereinafter referred to as "The Indonesian side").

As a result of the discussions, the Indonesian side and the Team agreed on the Scope of Work for the Study.

The following are the main issues discussed and agreed upon by both sides in relation to the Scope of Work for the Study. The list of participants and resource persons in the series of meetings is attached as Annex 1.

II. RESULTS OF DISCUSSIONS

1. Framework of the Study

The both sides agreed on the following basic framework of the Study as in Annex 2:

The Study shall begin with reconnaissance to accumulate essential information in each province. It shall focus on three different situations concerning WUAs in irrigation systems; No WUA, one WUA and several WUAs /WUA Federation. Basic data and information shall be collected in order to identify the present situations and constraints of irrigation management of WUAs and local governments as well as institutional arrangements. The constraints shall be analyzed and categorized to develop countermeasures, this shall provide basic interventions to be taken. The detail surveys shall be conducted within the several sites where certain constraints and responding countermeasures are observed.

As the result, the action plan(s) for the central government, local governments and WUA(s) shall be formulated based on the categorized countermeasures accordingly and respectively.

Participatory approach shall be applied throughout the Study. Workshop(s)/seminar(s) shall be held with WUAs (or beneficiary farmers) and staff of local governments for their better understandings on the present situations and problems, the irrigation management policy reform and the result of the Study.

2. Steering Committee

Regarding the item (3), "VII. UNDERTAKING OF THE GOVERNMENT OF INDONESIA" of the Scope of Work, the both sides agreed that it is necessary to establish the Steering Committee for the smooth and efficient implementation of the Study. The committee shall be composed of following institutions.

- Ministry of Public Works (MoPW)
- Ministry of Agriculture
- Ministry of Home Affairs
- BAPPENAS

3. Equipment, facilities and others necessary for the Study

The Indonesian side promised to provide the team for the Study with desks, chairs and the use of one

telephone with facsimile function in a suitable office space within the MoPW building in Jakarta.

The Indonesian side promised to make its best effort to provide the team for the Study with desks, chairs and the use of one telephone with facsimile function in a suitable office space in each province as required.

The Indonesian side requested that the following equipments and materials for the Study be provided by JICA. The Team promised to convey the request to the JICA headquarters.

- vehicle, fuel, driver
- photocopy machine
- personal computer

4. Training of counterpart personnel

The Indonesian side requested the counterpart training in Japan for an effective technology transfer. The Team promised to convey the request to the JICA headquarters.

5. Report

The both sides agreed that JICA shall prepare Fifty (50) copies of the Executive Summary, written in English and Indonesian respectively, and submit them to the Indonesian side together with the Draft Final Report and the Final Report. The both sides agreed that the Final Report shall be open to public.

6. Designing an out line of a Database

The both sides agreed that JICA shall prepare form(s)/table(s) which shows necessary data to be collected in order to establish a complete database. The both sides also confirmed that collecting and inputting data shall be done by the Indonesian side.

Annex 1

I. LIST OF PARTICIPANTS

Indonesian side:

Ministry of Public Works (Directorate General of Water Resources Development)

Mr. Budiman Anif Director General
Mr. A. Hafied A. Gany Secretary

Directorate of Management and Conservation of Water Resources

Mr. Roeslam Sjarief Director

Mr. K. Kaler
Mr. N. Darismanto
Mr. Djumpono
Mr. H. Busro
Mr. Suharto Sarwan
Mr. Hasannudin
Mr. Emir Faridz

Directorate of Planning and Programming

Mr. Soenamo Director

Mr. M. Amron
Mr. Suwardi S. S.

Directorate of Technical Guidance

Mr. M. Napilupulu Director
Mr. Soekrasno S.

Japanese side:

Preparatory Study Team

Mr. Kuniyoshi ISHIZAKA Leader
Mr. Toshiyuki YOSHIOKA Water Users' Association / Agricultural Infrastructure
Mr. Syuma FUKUMURA Rural Society / Farmers' Organization
Mr. Makoto ASAI Coordinator

JICA Indonesia Office

Ms. Yasue YOSHINARI Assistant Resident Representative

JICA Expert

Mr. Minoru NAKANO Directorate General of Water Resources Development,
Ministry of Public Works

II. LIST OF RESOURCE PERSONS

National Development Planning Agency (BAPPENAS)

Bureau for Water Resources and Irrigation

Mr. H. Koensatwanlo Inpashardjo Chief
Mr. Bambang Adinegoro

Ministry of Home Affairs (Directorate General of Regional Development)

Directorate of Area Development

Mr. H. A. Ridwan Kamarsyah Director
Mr. Nuryanto

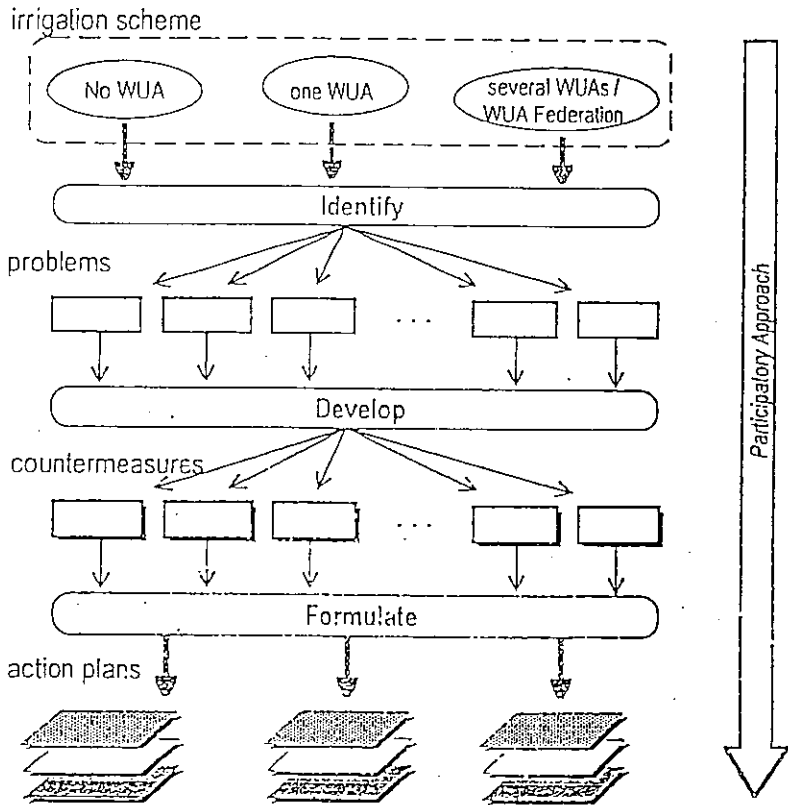
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Frame Work of the Study



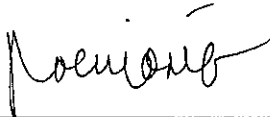
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-  : Central Gov't.
-  : Local Gov't.
-  : WUA / Beneficiaries


As
for

MINUTES OF MEETING
ON
DRAFT FINAL REPORT
FOR
THE STUDY
FOR
IMPROVEMENT OF IRRIGATION MANAGEMENT
AND
EMPOWERMENT OF WATER USERS' ASSOCIATION
FOR
ENHANCEMENT OF TURNOVER PROGRAM
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
AND
MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE
(KIMPRASWIL)

Jakarta, October 11, 2001



Dr. Ir. Roestam Sjarief
Director of Water Resources Management
KIMPRASWIL



Mr. Keiji MATSUMOTO
Leader of the Study Team
JICA

List of Attendants for Discussion on Draft Final Report

Date & Time; October 8, 2001 From 09:00 to 12:30
Venue; At a Meeting Room of Directorate of Water Resources Management, Kimpraswil

MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE

| | |
|---------------------------|---|
| Dr. Roestam Sjarief | Director of Water Resource Management |
| Mr. N. Sudarmanto | Head of Subdit of Water Resources Institution |
| Ms. Sondang Neli | Section Chief of Region II, Directorate of Water Resources Management |
| Mr. Suko Rahardjo | Section Chief of Region I, Directorate of Water Resources Management |
| Mr. Djumeno | Section Chief of Program, Directorate of Water Resources Management |
| Mr. Sakri | Directorate of Water Resource Management |
| Mr. Suzono | Directorate of Water Resource Management |
| Ms. Ida | Directorate of Water Resource Management |
| Mr. Darismanto | Head of Division for Data, Documentation & Dissemination, Institute for Regional Socio-Culture-Economy |
| Mr. Soekrasno | Head of Subdit of Irrigation, Groundwater, Swamp & Coastal, Directorate Technical Guidance |
| Mr. John Sianipar | Section Chief of Policy Analyze, Directorate Technical Guidance |
| Mr. Krisno D.H. | Subdit of Irrigation, Groundwater, Swamp & Coastal, Directorate Technical Guidance |
| Mr. P. Harisusanto | Section Chief of Region II, Directorate of Technical Guidance |
| Mr. Karyadi | Head of Subdit of Water Region III |
| Mr. Danang Baskoro | Irrigation Section, Directorate Technical Guidance |
| Mr. Nasarudin Djohar A.H. | Section Chief of River, Dam & Lake, Region III, Directorate of Water Resources of Western Region |
| Mr. Patma Hasibuan | Section Chief of Central Region, Directorate of Water Resources of Western Region |

MINISTRY OF AGRICULTURE

Mr. Sadar Purwanto Directorate of Irrigation Water Management

MINISTRY OF HOME AFFAIRS

Mr. Edi Sugiharto Directorate General of Regional Development


JICA Expert

Mr. EGAMI Hitoshi JICA Expert

JICA STUDY TEAM

| | |
|----------------------|-------------------------------|
| Mr. MATSUUMOTO Keiji | Team Leader |
| Mr. SUZUKI Seishiro | Irrigation / Water Management |
| Mr. Janu I. Sakimin | Rural Sociology I |
| Mr. R.O. Rowe | Law & Regulation |
| Mr. C.R. Henkle | Extension / Education |





In accordance with the Scope of Work for the Study (hereinafter referred to as "S/W") for the Improvement of Irrigation of Management and Empowerment of Water Users' Association for Enhancement of Turnover Program in the Republic of Indonesia (hereinafter referred to as "the Study"), the Government of Japan dispatched through Japan International Cooperation Agency (hereinafter referred to as "JICA") the Study Team headed by Mr. Keiji Matsumoto for implementing the Study to Indonesia since April 2000.

At the end of the Study, the Study Team officially submitted forty (40) copies of Draft Final Report in English and Fifty (50) copies of Summary of the Study in English and Indonesian (hereinafter referred to as "the Report") and explained their contents to the Indonesian organizations represented by the Ministry of Settlement and Regional Infrastructure (hereinafter referred to "KIMPRASWII") on October 8, 2001. An emphasis was laid on the results of the Study.

As results of the explanation and exchange of opinions on the Report, the following points were agreed upon by and between the Indonesian and Japanese side:

1. The Indonesian side confirms that the contents of the Report are prepared in due compliance with the conditions and methodology set forth in the Progress Report (II) and Interim Report on the Study.
2. The Action Plans proposed in the Report have generally good correlation with the results of the diagnosis of the prevailing and constraints and also intentions of the agencies concerned and the farmers in the Study area. The Indonesian side will review the Report and prepare the official comments of the report if any to the Study Team through JICA Indonesia Office by November 8, 2001.
3. The Study Team will modify and/or correct the Report based on the above comments and will send the Final Report to the Indonesian side through the JICA Headquarters, Tokyo within one month after receiving the said comments.
4. The Indonesian side agrees that the Final Report will be open to the public immediately after being received by KIMPRASWII.
5. The Indonesian side requests to the JICA Study Team to convey their appreciation for the JICA Study to the Headquarters. They look upon the Turnover Policy as important part of the national strategic policies and hope to continue further assistances from Japanese side through the ODA channels as discussed in the Workshop on October 10, 2001.
6. The Indonesian side requests gratefully receive from the JICA Study Team the donation of the equipment that the Team used. They are one set of desk-top computer including one printer, one software and UPS and one photocopy machine.



DEPARTEMEN PERMUKIMAN DAN PRASARANA WILAYAH
DIREKTORAT JENDERAL SUMBERDAYA AIR
DIREKTORAT PENATAGUNAAN SUMBERDAYA AIR
Jl. Pattimura No. 20 Kebayoran Baru – Jakarta Selatan

Jakarta, November 23, 2001
Our ref: HK.01.02/SK.04/PM-LI/1991.

To
→ Mr Kanda Michio
Resident Representative
Japan International Cooperation Agencies
Jakarta

Subject : Comment on the Reports – Jica Study Team Phase II

Following the results of the Central Workshop on the Study for Improvement of Water Users Association for Enhancement of Turn Over Program held in Jakarta on 10 October 2001, please find the following comments on the reports.

1. Inputs and comments from the discussion members, particularly from the World Bank Mission Team, have covered some points for improvement of the JICA Team Study Report.
2. In addition JICA Team is expected to note on the results of the JICA Central Workshop Study Phase II held on 10 October 2001, findings are given below.
3. The Action Plan Framework

Action 1 – Public Awareness
Which version of the Irrigation Management Reform (IMR) approach to be used.

Action 2 – Irrigation Area/ Daerah Irigasi (DI) and WUA Inventory
Due to the in adequate information on actual irrigated area and cropping intensity, it is suggested that inputs into National Programme should be linked to the overall WATSAL Kimpraswil and MIS framework sector. For the purpose of management and planning supervision, it is suggested that Kecamatan/Kabupaten area production data be classified.

Action 3 – Public Awareness & Capacity Building at WUA Level (WUAF and IP3A and Officials)

Action 4 – Training WUA, WUAF and IP3A Leaders

Action 5 – Formation of WUA/WUAF/IP3A
Formation is approved and it is suggested that we do not wait until the WUA has been completed to start working on the WUAF. As mentioned in the report that there are problems at the secondary and higher level, it has to be pointed out which government level the problems occurred, as there are many desa level of WUAs. The real management problems need to be addressed effectively WUAF/ IP3A or similar government authority.

Action 6 – Start up Assistnace

There are existing concept of sharing O&M budget with WUAF/WUA in accepting IMT, under the WATSAL LOSEP. The KIIF is also providing assistance on matching basis for those WUAS accepting IMT. However, WUA must carry out collection of their agreed ISF fees and deposit them in their bank account, in line with the spirit of PP 6/81 regulation./

Action 7 – KIFF (Kabupaten Irrigation Integrated)

It is suggested to co-ordinate with Pokja and World Bank on the concept proposed by D Vermillion.

Action 8 – Joint Management bay WUAFs and Government

Action 9 – ISF

Agreed in principle to the TA or capacity building. However, further attention to be given on why activities carried out separately to governance and management, Since ISF is the capital they operate from.

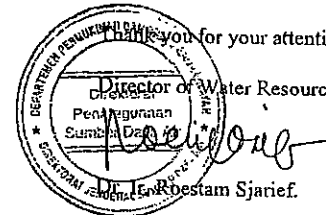
Action 10 – Rehabilitation

Once the governance authority is conferred and WUAS/WUAFS/IP3A are fuctional, attention should be drawn to participatory design and construction for the network under government responsibility.

Action 11 – Monitoring & Evaluation

Thank you for your attention.

Director of Water Resources Management



D. I. Rbestam Sjarief.

CONCLUSION of

The Workshop on Draft Final Report of JICA Study for Improvement of
Irrigation Management and Empowerment of Water Users Association for
Enhancement of Turnover Program
Held by the DG of Water Resources Ministry of Kimpraswil and the JICA
Study Team in Jakarta on October 10, 2001

Following the Key-notes of the Director General of Water Resources Ministry of Kimpraswil, the presented Draft Final Report of JICA Study, the given inputs from the World Bank and informations from the ODA/JICA Japan, JIWWMP/IDTO and other concerned parties, the Workshop came up to various comments, questions and suggestions for improvement of the Draft Final Report and follow up of the Study as summarized below.

1. The Government role for enhancements of production and income of farmers and sustainable irrigated agriculture must be done by comprehensive and continue way in accordance with the reformation.
2. To optimize the Government role for the program implementations of irrigation policy reform, redefinition of sectoral and inter-sectoral Government tasks and responsibilities is needed in more balance way at central and regional levels.
3. The used term "irrigation turnover" needs to be replaced with "transfer of irrigation management authority" consistent to the recent understanding on irrigation policy reform.
4. Socialization for the Government Officials in the Preparatory Works of Action Plan, even if it will take time, needs to be focussed on awareness and attitude changes due to the expected roles, for trust rediscovery to the Government.
5. In practice, the Watsal-based policy to put turnover (transfer of irrigation management authority) first to farmers needs to take account the conditions of irrigation system and the preparedness of the local farmers to propose for and conduct the irrigation management authority and responsibility.
6. The grant in term of this Study and the results was given to the Government of the Republic of Indonesia. When follow up is felt important by the Government of Republic of Indonesia, and a help is required from the Government of Japan, proposals for technical cooperation could be made possible on bilateral basis as applied by one door, i.e. Sekneg or Bappenas, and submitted to the Government of Japan through the Japan Embassy in Indonesia.
7. Fact finding Team of the Government of Japan for the proposed program of five Provinces, 50,000 ha, 4 years, initially scheduled to come

November 2001 was postponed and the proposal was not approved as yet. It was suggested to the Government of Indonesia to modify the proposed program in comprehensive way regarding both it's components and the Counterparts.

8. The reason for comprehensive program also came from the field; as reported, farmers have been confusing due to the number of different project schemes currently implemented in their areas.
9. If the idea to implement the suggested Action Plans in the five Pilot Kabupatens/Provinces will be really proposed and implemented by the Government of Republic Indonesia, the formulated Action Plans should be processed again step by step.
10. The JICA/JBIC, ADB and World Bank have their own priorities respectively concerning the program schemes.

In term of a program is proposed for the JICA/JBIC help, discussions could be made firstly by the counterpart with the JICA Experts of the respective Ministries.

In the future it is suggested to address programs to new areas which are potential for irrigated agriculture.

11. The term "target oriented" in the Summary is no longer accepted because of not sustainable; a change must be made for sustainable program orientation although the implementation will be step-by-step.

The used term "has never" in the Summary also needs to change because it is not true.

"Inventory of irrigation and WUA" is also suggested to be replaced with "inventory of physical, social, economic, technical and Institutional conditions" (PSETK) consistent to Watsal.

12. The IDTO experience indicates that farmers' participation need to be lift up to DI level by forming WUAF in order to make closer the the gap with the Government supports and services.

Participatory approach is needed since project appraisal and designing.

Participatory approach is also needed in construction and O&M. The works should be implemented step by step by package system that is manageable to farmers.

To transfer irrigation management authority and responsibility it is important to find ways so the farmers will be able to organize themselves and propose for irrigation management authority transferring, of which irrigation as the asset of Government remains.

Keputusan Direktur Jenderal Sumberdaya Air
Nomor : 14/KPTS/D/2001.
Tentang

Pembentukan Tim Pengarah dan Tim Teknis Study for Improvement
of Irrigation Management and Empowerment of Water User
Associations for Enhancement of Turn Over Program for JICA.

Direktur Jenderal Sumber Daya Air

- Menimbang :
- a. Bahwa pelaksanaan The Study For Improvement of Irrigation Management and Empowerment of WUAs For JICA yang kegiatannya masih dilanjutkan pada phase II merupakan kegiatan yang kompleks dan melibatkan beberapa instansi terkait.
 - b. Bahwa berdasarkan pengalaman dari kegiatan phase I, ditemui beberapa permasalahan dan kendala dalam rencana kegiatan Penyerahan Pengelolaan Irigasi (PPI) dari Pemerintah kepada P3A.
 - c. Bahwa berdasarkan pengelompokan permasalahan dan kendala tersebut dibuat beberapa hipotesa untuk menyusun kegiatan yang perlu diambil dalam rangka merumuskan rencana kegiatan PPI.
 - d. Bahwa dengan adanya perubahan institusi yakni dari Departemen Permukiman dan Pengembangan Wilayah dan Kantor Menteri Negara PU menjadi Departemen Permukiman dan Prasarana Wilayah serta untuk tercapainya pelaksanaan studi dimaksud perlu dibentuk Tim Pengarah dan Tim Teknis, guna memberikan arahan dan petunjuk teknis pada konsultan dalam pelaksanaan studi.
 - e. Bahwa para pejabat yang namanya tersebut dalam lampiran II dan III keputusan ini dapat ditunjuk sebagai anggota tim Pengarah dan Tim Teknis.
- Mengingat :
1. Bahwa untuk keperluan maksud tersebut, perlu ditetapkan dengan surat keputusan Direktur Jenderal Sumberdaya Air.
 2. Undang-undang No. 22 tahun 1999 tentang Pemerintahan Daerah
 3. Keputusan Presiden RI No. 165 tahun 2000 tentang Kedudukan tugas, Fungsi, Susunan Organisasi dan Tata Kerja Departemen
 4. Keputusan Presiden RI No. 77 tahun 2000 tentang Susunan Organisasi dan Tugas Departemen
 5. Instruksi Presiden No. 3 tahun 1999 tentang Pembaharuan Kebijakan Pengelolaan Irigasi (PKPI)
Keputusan Menteri Permukiman dan Prasarana Wilayah No. 03/KPTS/M/2001. tanggal 11 Januari 2001 tentang Organisasi dan Tata Kerja Departemen Permukiman dan Prasarana Wilayah.

Translation

Decision (SK) of Director General of water Resources
No.: 14/KPTS/D/2001

Setting up of Steering Committee and Technical Team of
Study for Improvement of Irrigation Management and
Empowerment of Water User Associations for Enhancement
of Turn Over Program for JICA

Director General of Water Resources

Considering:

- a. Implementation of the Study For Improvement of Irrigation Management and Empowerment of WUAs for JICA which is continued to Phase II is a complex activities and involving several related agencies.
- b. Concerning the result of the activities of Phase I which was studying and analysing problems and constraints in Irrigation Management Turnover (PPI) from Government to WUAs.
- c. Based on the result of analysis of problems and constraints, countermeasures hypothesis to achieve PPI is drafted.
- d. According merger of Dept.Kimbangwil and Meneg.PU to become Dept. Kimpraswil. and to achieve good quality of the Study it needs to set up Steering Committee and Technical Team to supervise and provide technical guidance to the Consultants.
- e. Staff with the names mentioned in attachments II and III can be pointed out as members of Steering Committee and Technical Team.

Referring:

1. Setting up of Steering Committee and Technical Team should be issued by decision (SK) of Director General of Water Resources.
2. Law No. 22 Year 1999, Regional Autonomy
3. Presidential Decision No. 165 Year 2000, Position, Task, Function, Organisation Structure and Work Procedure of Department.
4. Presidential Decision No. 77 Year 2000, Organisation Structure and the Task of Department.
5. Presidential Instruction No. 3 Year 1999, Irrigation Management Policy Reform.
6. Decision of Ministry of Kimpraswil. No. 03/KPTS/M/2001 dated January 11th 2001, Organisation and working procedure of Dept. Kimpraswil.

Translation

Decide

First:

1. Set up Steering Committee with membership listed in the attachment I.
2. Set up Technical Team with membership listed in the attachment II.

Second:

A. Task of Steering Committee:

1. Providing guidance to Consultants in:
 - a. Defining policies needed to be implemented in the implementation of study.
 - b. Providing guidance to solve problems and constraints by giving recommendations.
 - c. Providing guidance in the implementation of study.
2. Report to Director General of Water Resources according to the result of provided guidance mentioned above.

B. Task of Technical Team:

1. Offering suggestions and technical references to the Consultants in the implementation of study based on the TOR.
2. Control operational activities and evaluate study reports.
3. Set up regular meetings to smooth implementation of study.
4. Prepare reports of Steering Committee to Director General of Water Resources.

C. Mechanism of implementation of Steering Committee

1. Dept. Kimpraswil in coordination with Dept. of Agriculture, Dept. of Home Affairs, Bappenas and Cooperative will discuss the reports of the Study.
2. Dept. Kimpraswil, Dept. of Agriculture and Dept. of Home Affairs will coordinate Local Government (Dinas Pengairan, Dinas Pertanian, Bappeda).
3. Team of JICA set up coordination works with Universities and NGO in the implementation of field works.

Menetapkan dan Memutuskan

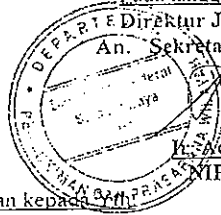
- Pertama :**
1. Membentuk Tim Pengarah yang keanggotaannya sebagaimana tercantum pada lampiran I keputusan ini
 2. Membentuk Tim Teknis yang keanggotaan sebagaimana tercantum pada lampiran II keputusan ini.
- Kedua :**
- A. Tim Pengarah bertugas**
1. Memberikan arahan pada konsultan dalam ;
 - a. Merumuskan kebijakan yang perlu dilakukan dalam pelaksanaan studi
 - b. Memberikan petunjuk dalam mengatasi permasalahan dan kendala dengan memberikan arahan pemecahan serta rekomendasi.
 - c. Memberikan petunjuk, pengarahan dan kajian dalam pelaksanaan studi.
 2. Melaporkan kepada Direktur Jebderal Sumberdaya Air mengenai hasil dari arahan tersebut diatas.
- B. Tim Teknis bertugas :**
1. Memberikan saran dan petunjuk teknis kepada konsultan dalam pelaksanaan kegiatan studi dengan berpedoman pada acuan kerja Term of Referensi (TOR) yang telah ditetapkan
 2. Mengendalikan kegiatan Operasional dan mengevaluasi terhadap laporan pelaksanaan studi.
 3. Mengadakan rapat secara berkala untuk kelancaran pelaksanaan studi
 4. Mempersiapkan laporan Tim Pengarah kepada Direktur Jenderal Sumberdaya Air.
- C. Mekanisme pelaksanaan kegiatan Steering Committee**
1. Departemen Permukiman dan Prasarana Wilayah koordinasi dengan Departemen Pertanian. Departemen Dalam Negeri, Bappenas serta Koperasi untuk membahas laporan kegiatan studi
 2. Departemen Kimpraswil. Pertanian , Depdagri koordinasi Pemerintah Daerah setempat (Dinas Pengairan, Pertanian, Bappeda)
 3. Team JICA kerja sama dengan Universitas, LSM untuk pelaksanaan studi dilapangan.
 4. Penyampaian laporan kegiatan studi oleh JICA kepada Departemen Kimpraswil, untuk bahan pembahasan

- Kimpraswil, untuk bahan pembahasan
- Ketiga : Apabila dipandang perlu ketua Tim dapat mengundang Nara Sumber yang bukan anggota dalam rapat Tim Pengarah dan Tim Teknis untuk melakukan koordinasi dalam penanganan berbagai aspek yang ada dalam penyelenggaraan kegiatan studi.
- Keempat : Tim Pengarah dan Tim Teknis diberi wewenang untuk membahas, menetapkan dan mengajukan alternatif rekomendasi hasil studi kepada Direktur PSDA.
- Kelima : Dalam melaksanakan tugasnya Tim Pengarah dan Tim Teknis bertanggung jawab kepada Direktur Jenderal Sumberdaya Air melalui Direktur PSDA.
- Keenam : Biaya yang timbul sebagai akibat adanya Surat Keputusan ini di bebaskan kepada anggaran OECF – JICA
- Ketujuh : Surat keputusan ini mulai berlaku sejak tanggal diterbitkan dan akan dirubah dan disesuaikan sebagaimana mestinya, apabila dikemudian hari terdapat kekeliruan

Ditetapkan di : Jakarta

Pada tanggal : 30 April 2001

Direktur Jenderal Sumberdaya Air
An. Sekretaris Ditjen Sumberdaya Air



Ir. Adi Sarwoko, Dipl. HE

NIP. : 110016443

Salinan surat keputusan ini disampaikan kepada:

1. Menteri Perumahan dan Prasarana Wilayah
2. Menteri Dalam Negeri
3. Menteri Pertanian
4. Menteri Negara /Ketua Bappenas
5. Dirjen Bina Sarana Pertanian Dep. Pertanian
6. Sekretaris Direktorat Jenderal SDA
7. Dir. Jen. Bina Pembangunan Daerah Depdagri
8. Dir. Jen. Bina Pemberdayaan Masyarakat Depdagri
9. Direktur Bina Kelembagaan Pemb. Daerah Ditjen Bangda Depdagri
10. Direktur Bina Sumber Daya Masyarakat Ditjen Bina Pemberdayaan Masy. Depdagri
11. Direktur Binte Ditjen Sumber Daya Air
12. Direktur PSDA Ditjen Sumber Daya Air
13. Direktur Pemanfaatan Air Irigasi Ditjen Bina Sarana Pertanian
14. Dinas Pengairan Propinsi, Kabupaten
15. Dinas Pertanian Propinsi, Kabupaten
16. Bappeda setempat (Sumatera Barat, Jawa Barat, DI Yogyakarta, Jawa Timur, Nusa Tenggara Barat)

4. Team of JICA reports the result of the study to Dept. Kimpraswil as material for discussion.

Third:

If it is needed, Chairman of the Team could invite out side experts in the meeting of Steering Committee and Technical Team to coordinate problem solving of aspects arise in the implemetation of the study.

Fourth:

Steering Committee and Technical Team is having authority to discuss, to decide and propose recommendations to the result of the study to the Director of PSDA.

Fifth:

In carrying out the task Steering Committee and Technical Team responsible to Director General of Water Resources through Director of PSDA.

Sixth:

Any required cost due to the issuance of this decision will be on the budget of OECF – JICA

Seventh:

This decision has been effective since the date of its issuance and is a subject to be reviewed.

Jakarta, April 30th 2001

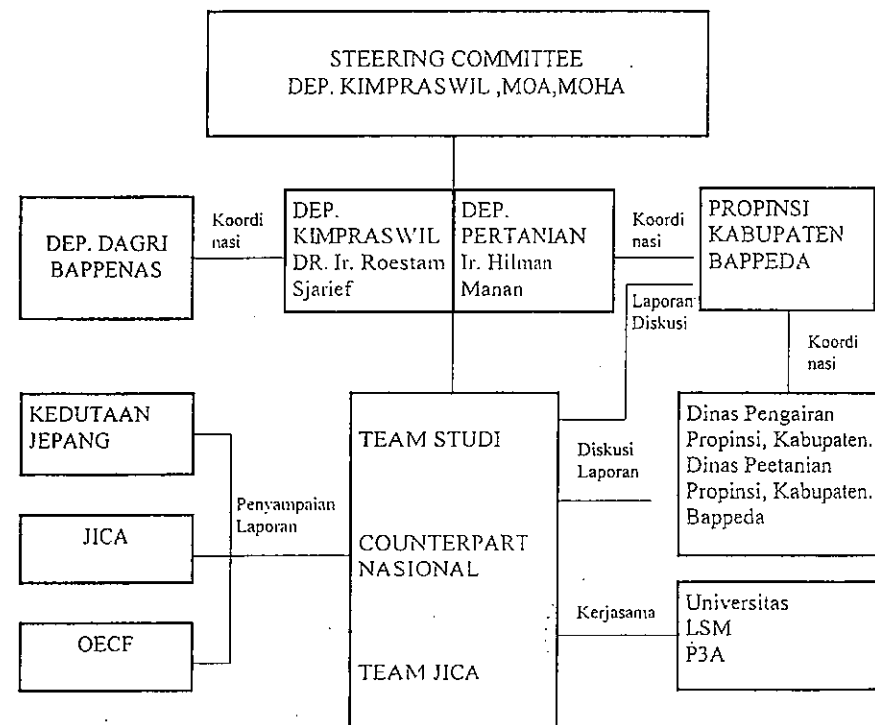
Director General of Water Resources
pp. Secretary of Director General of Water Resources

Ir. Adi Sarwoko, Dipl. HE

Susunan Keanggotaan Tim Pengarah Pada Studi for Improvement of
 Irrigation Management and Empowerment of WUAS bantuan JICA

| No. | Jabatan/Satminkal | Kedudukan dalam Tim |
|-----|---|------------------------------|
| 1. | Direktur Penatagunaan SDA Ditjen SDA | Ketua/merangkap anggota |
| 2. | Direktur Pemanfaatan Air Irigasi Ditjen Bina Sarana Pertanian Dep. Pertanian | Sekretaris/merangkap Anggota |
| 3. | Direktur Pangan, Pertanian & Pengairan Bappenas | Anggota |
| 4. | Direktur Bina Kelembagaan Pembangunan Daerah Depdagri | Anggota |
| 5. | Direktur Bina Teknik Ditjen SDA | Anggota |
| 6. | Kasubdit Kelembagaan Dit. PSDA Ditjen SDA | Anggota |
| 7. | Kasubdit Kelembagaan Dit. Pemanfaatan Air Irigasi | Anggota |
| 8. | Kasubdit Bina Perencanaan Propinsi Ditjen Bina Kelembagaan Pembangunan Daerah | Anggota |
| 9. | Kepala Dinas Pengairan Propinsi Sumatera Barat | Anggota |
| 10. | Kepala Dinas Pengairan Propinsi Jawa Barat | Anggota |
| 11. | Kepala Dinas Pengairan Propinsi DI Yogyakarta | Anggota |
| 12. | Kepala Dinas Pengairan Propinsi Jawa Timur | Anggota |
| 13. | Kepala Dinas Pengairan Propinsi NTB | Anggota |
| 14. | Ketua Bappeda Propinsi Sumatera Barat | Anggota |
| 15. | Ketua Bappeda Propinsi Jawa Barat | Anggota |
| 16. | Ketua Bappeda Propinsi DI Yogyakarta | Anggota |
| 17. | Ketua Bappeda Propinsi Jawa Timur | Anggota |
| 18. | Ketua Bappeda Propinsi Nusa Tenggara Barat | Anggota |
| 19. | Kepala Dinas Pertanian Propinsi Sumatera Barat | Anggota |
| 20. | Kepala Dinas Pertanian Propinsi Jawa Barat | Anggota |
| 21. | Kepala Dinas Pertanian Propinsi DI Yogyakarta | Anggota |
| 22. | Kepala Dinas Pertanian Propinsi Jawa Timur | Anggota |
| 23. | Kepala Dinas Pertanian Propinsi NTB | Anggota |

Susunan Anggota Tim Pengarah



D-4

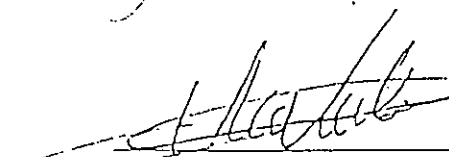
Ditetapkan di : Jakarta
 Pada Tanggal 30 April 2001
 Direktur Jenderal Sumber Daya Air
 An. Sekretaris Ditjen SDA
 Ir. Adi Sarwoko, Dipl. HE


Lampiran II : Keputusan Direktur Jenderal Sumberdaya Air
 Nomor : 14/KPTS/D/2001.

Susunan Keanggotaan Tim Teknis Studi for Improvement of Irrigation
 Management and Empowerment of Water User Associations for
 Enhancement of Turn Over Program for JICA

| | Pemugasan | Tim Study JICA | Asal | Konterpart Indonesia | Waktu Penugasan |
|----|---|--------------------------------------|------|---|---|
| 1 | Team Leader/Institutional Management-1 | Mr. Keiji MATSUMOTO | PCI | DR. Roestam Sjarief | 29 Jan- 26 Juni 2001 |
| 2 | Institutional Management-2 | Dr. Masami OKAMOTO | PCI | Mr. Sudarmanto | 14 - 21 Maret 2001 dan 27 April - 6 Mei 2001 |
| 3 | Water Management/Irrigation Facility Expert | Mr. Seishiro SUZUKI | PCI | Mr. Darismanto Mr. Bambang Turyono | 29 Jan- 26 Juni 2001 |
| 4 | Economist | Mr. Andrew LILLIE | BBV | Mr. Suko Rahardjo Mr. Besus Purwanto | 27 April - 23 Juni 2001 |
| 5 | Rural Sociologist-1 | Mr. Janu Ismanik Sakimin | PCI | | 29 Jan - 26 Juni 2001 |
| 6 | Rural Sociologist-2 /Moderator | Mr. Roger JACKSON | BBV | Mr. Sudarmanto | 4 Feb - 2 Mei 2001 |
| 7 | Agriculturist | Mr. Harunobu YOSHINO | TASK | Mr. Agus Susewo (MOA) Mr. Sadar Purwanto (MOA) | 15 Feb- 15 Mei 2001 |
| 8 | Legal/Institutional Specialist | Mr. Roger ROWE | BBV | Mrs. Sondang Nelly H. Mr. Nuryanto (MHA) | 27 April-23 Juni 2001 |
| 9 | Empowerment/ Education Specialist | Mr. Clifford R. HENKEL | BBV | Mr. Yos Haryoso Mr. Djumeno | 4 Feb- 4 Mei 2001 |
| 10 | Database Specialist | Mr. Kengo KAWASHIRO Mr. Wiasatria | PCI | Mr. SAKRI Mrs. Ida Farida | 11 Feb- 18 Feb 2001 1 Feb - 23 Juni 2001 |

Notes : PCI : Pacific Consultants Internationa. BBV: Binnie Black & Veatch Ltd. TASK: TASK Associates Ltd.


 Mr. Keiji MATSUMOTO
 Team Leader
 JICA Study Team


 Dr. Roestam Sjarief MNRM
 Director of Water Resources Management
 DGSDA, KIMPRASWIL

Study for Improvement of Irrigation Management and Empowerment of Water Users' Associations
for Enhancement of Turnover Program in the Republic of Indonesia Phase I Survey

Member List of the JICA Study Team and Indonesian Counterpart

| | Assignment | JICA Study Team | Belonging* | GOI Counterpart | Assignment Period (arr. - dep.) |
|----|---|-----------------------------|------------|--|-------------------------------------|
| 1 | Team Leader / Institutional Management-1 | Mr. Keiji MATSUMOTO | PCI | Mr. Bambang Pramono Mr. Darismanto | Jan.29 – June 26, 2000 |
| 2 | Institutional Management-2 | Dr. Masami OKAMOTO | PCI | | Mar. 14 – 21, Apr.27 – May 6, 2001 |
| 3 | Water Management / Irrigation Facility Expert | Mr. Seishiro SUZUKI | PCI | Mr. Darismanto Mr. Encang Suparman | Jan.29 – June 26, 2000 |
| 4 | Economist | Mr. Andrew LILLIE | BBV | Mr. Damai S. Mr. Nurwidayati | Apr. 27 – Jun. 23, 2001 |
| 5 | Rural Sociologist - 1 | Mr. JANU ISMANIK Sakimin | PCI | Mr. Sudarmanto Ms. Cut Safana | Indonesian (Jan.29 – June 26, 2001) |
| 6 | Rural Sociologist - 2 / Moderator | Mr. Roger JACKSON | BBV | | Feb. 4 May 2, 2001 |
| 7 | Agriculturist | Mr. Harunobu YOSHINO | TASK | Mr. Triyono Tulus S Mr. Agus Susewo | Feb. 15 – May 15, 2001 |
| 8 | Legal / Institutional Specialist | M. Roger ROWE | BBV | Mr. S.R. Lengkong Mr. Encang Suparman | Apr. 27 – Jun. 23, 2001 |
| 9 | Empowerment / Education Specialist | Mr. Clifford R. Henkel | BBV | Ms. Cut Safana Mr. Eko Rahardjo | Feb. 4, - May 4, 2001 |
| 10 | Database Specialist | Mr. Kengo KAWASHIRO | PCI | Mr. Prasadanto Mr. Triyono Tulus.S. | Feb.11 – 18, 2001 |

* Notes : PCI : Pacific Consultants Internationa BBV: Binnie Black & Veatch Ltd. TASK: TASK Associates Ltd.

Keiji MATSUMOTO
Team Leader
JICA Study Team

Bambang Pramono
Assistant Deputy for Irrigation
State Ministry of Public Works