JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) MINISTRY OF AGRICULTURE AND FORESTRY THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

THE STUDY ON SMALL SCALE AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM ALONG THE MEKONG RIVER IN THE LAO PEOPLE'S DEMOCRATIC RBPUBLIC

FINAL REPORT

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JULY, 2000

SANYU CONSULTANTS INC.
NIPPON KOEI CO., LTD.

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Scope of Work

THE SCOPE OF WORK FOR

THE STUDY ON SMALL SCALE

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM FOR

ALONG THE MEKONG RIVER IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

AGREED UPON BETWEEN

MINISTRY OF AGRICULTURE AND FORESTRY AND JAPAN INTERNATIONAL COOPERATION AGENCY

VIENTIANE, 24 NOVEMBER 1997

Mr. Kamphiou VISSAPRA
Deputy Director General, Ministerial Cabinet,
Ministry of Agriculture
and Forestry
Lao People's Democratic Republic

Mr. Kiyoshi HORII Leader, Preparatory Study Team, Japan International Cooperation Agency

I. INTRODUCTION

In response to the request of the Government of Lao Péople's Democratic Republic (hereinafter referred to as "GOL"), the Government of Japan (hereinafter referred to as "GOL"), has decided to conduct the Study for Small Scale Agricultural and Rural Development Program along the Mekong River (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the GOJ, shall undertake the Study in close cooperation with authorities concerned of GOL.

The present document sets forth the Scope of Work for the Study.

OBJECTIVES OF THE STUDY

The objectives of the Study are;

- to formulate a Master Plan for the Small Scale Agricultural and Rural Development Program
 along the Mekong River, which is aiming for stable agricultural production by small scale
 irrigation during dry season through the introduction of farmers' organization and rural credit,
- 2. to select priority project(s) for the Feasibility Study;
- 3. to conduct a Feasibility Study on priority project(s); and
- 4. to carry out technology transfer to the counterpart personnel of GOL through on-the-job training in the course of the Study.

STUDY AREA

The Study shall cover the areas of Thaphabath, Bolikhan, Paksan and Pakkading district of Bolikhamsai Province, Hinboun, Thakhek, Nongbok and Sebangfai district of Khammouane Province, Xaibouri, Khanthabouri and Songkhon district of Savanakhet Province (See Annex I).

IV. SCOPE OF THE STUDY

In order to achieve the objectives mentioned above, the Study shall cover the following:

Phase I: Formulation of Master Plan

- Collect and review existing data and information in Lao and the Study area. These
 include the following:
 - a. national economy and social features,



- development plans for the country and the Study area,
- agricultural sector policy,
- financial sector policy, especially rural credit,
- existing and planned relevant development project(s), and to evaluate their expected results.
- organizational structure, responsibilities and budgetary performance of relevant institutions,
- data on agnculture-related physical environment including climate, topography, land use, rainfall, soil, and hydrological conditions,.
- Carry out field survey. It includes the following:
- natural condition;

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- topography
- meteorology
- hydrology and water use
 - geology
- socio-economic condition;
- economic indices
- demographic conditions
- socio-economic and institutional settings and structure (vertical, horizontal and gender-wise), and resources
- development needs
- present condition and readiness of farmers for participation in the development
 - processes
- water rights land tenure
- agricultural condition; present land use
 - irrigation and drainage
 - farming practices
- agricultural economy
 - postharvest
- marketing
- gender related issue
- agricultural support; research activities
 - - extension
- farmers' organization
- credit facilities (including public, private and NGO's)
- rural infrastructure;
- road network
- environmental conditions.
- Analyze collected data and information and identify major constraints and 'n



development potential.

- Prepare a Master Plan. It includes the following:
- rural credit;
- farmers' organization for small scale irrigation;
 - irrigation and drainage;
- agriculture;
- agriculture support system;
- agricultural/rural infrastructure;
- rural road network;
- marketing;
- crop diversification;
 - animal husbandry;
- institutions, that is , an integrated system to implement Master Plan. fish culture, and
- Select priority project(s) for Phase II.

Phase II: Execution of a Feasibility Study on priority project(s).

- Collect detailed data and information through field surveys.
- Formulate the optimum plan for the priority project(s) through participatory approach including a series of workshops with counterparts, relevant organizations and participating farmers.
- Evaluate the expected results in terms of technical soundness, economic and financial viability, profitability, social changes, and environmental effects. ω
- Prepare guidelines for small scale irrigation through the introduction of farmers' organization and rural credit for stable agricultural production. 4

STUDY SCHEDULE

The tentative schedule of the Study is shown in the attached ANNEX II.

REPORTS

JICA shall prepare and submit the following reports in English and summaries in Lao to the GOL.

Inception Report

Twenty (20) copies at the commencement of the Phase I field study.

Progress Report (1)

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Twenty (20) copies at the end of the Phase I field study.

Interim Report

Twenty (20) copies at the commencement of the Phase II field study.

Progress Report (2)

Twenty (20) copies at the end of the Phase II field study.

Draft Final Report 'n

Twenty (20) copies after Phase II work in Japan. GOL shall submit their comments to JICA within one (1) month after receipt of the Draft Final Report.

Final Report

Fifty (50) copies within two (2) months after receipt of GOL's comments on the Draft Final

VII. UNDERTAKING OF GOL

- To facilitate smooth conduct of the Study, GOL shall take following necessary
- to secure the safety of the Japanese study team (hereinafter referred to as "the Team"),
- to permit the members of the Team to enter, leave and sojourn in Lao PDR for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
 - to exempt the members of the Team from taxes, duties, and other charges on equipment, machinery and other materials brought into and out of Lao PDR for the conduct of the Study,
- 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 the members of the Team for their services in connection with the implementation of the Study,
 - to provide necessary facilities to the Team for remittance as well as utilization of the funds introduced into Lao PDR from Japan in connection with the implementation of the Study,
 - to secure permission for entry into private properties or restricted areas for the conduct
- to secure permission for the Team to take all data and documents (including photographs and maps) related to the Study out of Lao PDR to Japan, and
- to provide medical services as needed. Its expenses will be chargeable to the members
- occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims anse from gross negligence GOL shall bear claims, if any arise, against the members of the Team resulting from, or willful misconduct on the part of the member of the Team. 7





- Ministry of Agriculture and Forestry (hereinalter referred to as "MAF") shall act as 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. 'n
- MAF shall, at its own expense, provide the Team with the following, in cooperation with other relevant organizations: 4
- available data and information related to the Study,
- counterpart personnel,

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- suitable office space with necessary equipment in Vientiane and Thakhek, and j
- credentials or identification cards.

VIII. UNDERTAKING OF GOJ

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

to dispatch, at its own expense, the Team to Lao PDR, and

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to pursue technology transfer to Lao PDR counterpart personnel in the course of the Study. 7

CONSULTATION

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





TENTATIVE SCHEDULE

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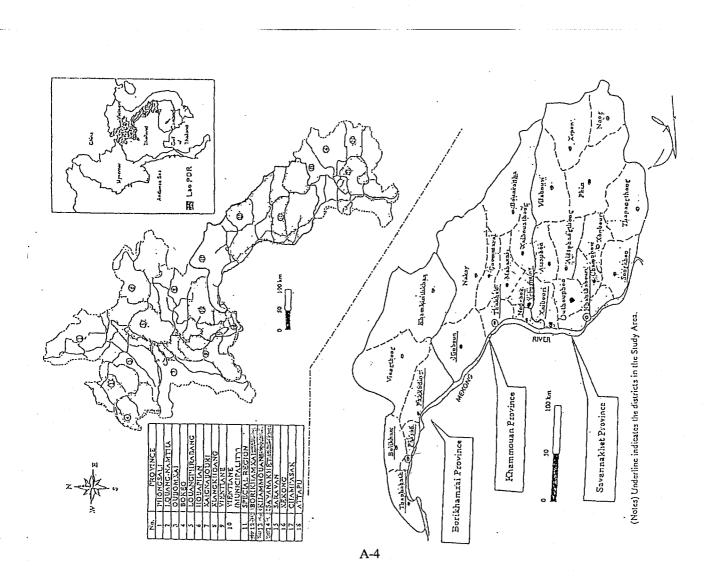
(Remarks)

Inception Report Progress Report (1) Interim Report Progress Report (2) Draft Final Report

IC/R P/R(1) Iv/R P/R(2) Df/R ©

Comments on Df/R by Lao PDR side Final Report





Annex A-2

Minute of Meeting on S/W

MINUTES OF MEETING
ON
SCOPE OF WORK

FOR

THE STUDY

SMALL SCALE

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM ALONG THE MEKONG RIVER

ONG THE MEKONG RIV

THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, 24 NOVEMBER 1997

Mr. Khamphiou VISSAPRA
Deputy Director General,
Ministerial Cabinet,
Ministry of Agriculture and Forestry,
Lao People's Democratic Republic

Mr. Kiyoshi HORLL
Leader,
Preparatory Study Team,
Japan International-Cooperation
Agency

The Preparatory Study Team (hereinafter referred to as "the Team"), organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), headed by Mr. Kiyoshi HORLI, visited the Lao People's Democratic Republic from November 17th to 25th, 1997 for the purpose of discussing and confirming the Scope of Work for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River in the Lao People's Democratic Republic (hereinafter referred to as "the Study").

The Team had a series of discussions with the officers concerned of the Ministry of Agriculture and Forestry (hereinafter referred to as "MAF") and other organizations concerned. The list of participants in the meetings is attached in the Annex.

As a result of the discussions, MAF 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.

- Iwo Fundamental Elements. Gradual expansion of farmers' organization and strengthening of APB's rural credit are indispensable for the implementation of small scale irrigation.
- Targeted Size of Imigation Area. The size of small scale irrigation in this Study
 will be determined in the course of the Master Plan Study by considering various
 factors such as manageability by and financial capacity of farmers' organization,
 cost effectiveness in investment, efficiency in water resource management and
 future development possibilities.
- Focus of Master Plan. The Master Plan will focus on small scale irrigation.
 Irrigation areas will be identified through inventory analysis on potential irrigation systems.
- Counterpart Personnel. MAF will make necessary arrangement to provide counterpart personnel from relevant organizations to the Study Team to facilitate the execution of the Study.
- 5. Steering Committee. A Steering Committee (S/C) will be established to discuss





LIST OF PARTICIPANTS

Ministry of Agriculture and Forestry

Director General,

Mr. Khamphiou VISSAPRA	Deputy Director General,
	Ministerial Cabinet
Mr. Thoungsoon BOUNPHASAISDL	Chief of Cooperation Division,
	Ministerial Cabinet
Mr. Savanh HANEEPHOM	Deputy Chief, Division of Statis
	Planning, Ministerial Cabinet

Mr. Vankham THAMMACHACK Mr. Langsy SAYVISITH Mr. Thanousay OUNTHOVANG

Chief, Division of Statistics and

Mr. Khamhou PHANTHAVONG Mr. Akira HASHIMOTO

Counterpart for JICA Expert, Department IICA Expert, Department of Irrigation of Irrigation Lrrigation

Chief of Technical Division, Department of Director General, Department of Irrigation Deputy Director, Department of Irrigation

Mr. Phaydy PHIAXAYSARAKHAM

Senior Staff, Department of Agriculture

Agricultural Promotion Bank (APB) Mr. Somchith BOUNLFUANE

Staff, Credit Division

Mr. Bounleuth BOUNPHASAYSOME Bank of Lao

Staff, Credit Department

Assisstant Resident Representative

JICA Laos Office Mr. Nobuhiro KUMAGAJ

Mr. Yoshihiro HIRANO Mr. Kozo ITO Mr. Shinichi MORI Mr. Hitoshi KATO Mr. Kiyoshi HORII Mr. Takuji ISOBE

Member Member Member Member

Member

Agricultural Promotion Bank, Bank of Lao (Department of Credit), Secretariat of and set forth study outcomes for coordination in the course of the Study. The members of S/C will include the representatives from related departments of MAE, the Lao National Mekong Committee, the Science, Technology and Environment Organization (STENO), JICA Lao Office and the Study Team.

- Mekong River Commission (MRC) should be kept informed of the outputs of the Study. Mekong River Commission. ø,
- MAF requested that vehicles be arranged by JICA. The Team will convey this request to the Government of Japan. Vehicles. 7
- Training of Counterpart Personnel. MAF requested that the Lao counterpart personnel take advantage of training in Japan to promote an effective technology transfer. The Team will convey this request to the Government of Japan. . 8
- MAF requested that equipment necessary for the Study be prepared by JICA. The Team will convey this request to the Equipment Necessary for the Study. Government of Japan.
- Final reports of the Study will be made public. 10. Final Report.





Annex A-3 Minute of Meeting on Inception Report

MINUTES OF MEETING

OF

INCEPTION REPORT

FOR

THE STUDY ON SMALL SCALE

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM

ALONG THE MEKONG RIVER

IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, November 16, 1998

Mr. Phouvieng LATDAVONG
Acting Director General
Cabinet Office of the Ministry of

Agriculture and Forestry

Mr. Yoshitomo MIYANISHI
Team Leader
JICA Study Team

The meetings on the Inception Report (hereinafter referred to as "the Report") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held on November 10 and 16, 1998 at the conference room of the Ministry of Agriculture and Forestry. The meeting was chaired by Mr. Phouvieng LATDAVONG, Acting Director General, Cabinet Office of the Ministry of Agriculture and Forestry. List of participant is attached in Appendix A.

Prior to the presentation of the Report, Mr. Kazutomo HIHARA, JICA headquarters in Tokyo made explanation of the basic concept and general flow of JICA's development study. Mr. Yoshitomo MIYANISHI, team leader of JICA Study Team (hereinafter referred to as "the Team") explained the contents of the Report consisting of background, plan of approach and operation of the Study. After the series of discussion between the two sides, the Report was, in principle, accepted by the Lao side by confirming the followings:

The results of the discussions

- 1) The Team requested the Lao side to provide necessary data and information relating to the loan system for small scale irrigation facilities assisted by international funding agencies. The Lao side promised to provide the Team with the requested data and information through Committee for Investment and Cooperation (CIC) of the Prime Minister Office.
-) While the study area is defined as the administrative boundary of 11 districts of three Provinces, Bolikhamsai, Khammouane and Savanakhet under the Scope of Works, this study shall concentrate the flood prone areas within the said boundary. In this connection, the Japanese side requested the Lao side to identify the normal flooding area, and the Lao side promised to provide such information including the related study made by FAO and other donors, which is available in Department of Irrigation, and also the respective provincial offices concerned.
- 3) In view of effective and efficient implementation of the Study works, both sides agreed to establish the three level organizations, namely, the Project Steering Committee (PSC), the Central Working Group (CWG) and the Provincial Working Group (PWG) as shown in Appendix B. The members of the two working groups are regarded as counterpart personnel. Team proposed to hold a regular meeting once for two weeks at the PWG and once a month at the CWG.
- 4) The Lao side nominated accordingly the member list for the said study organization structure as mentioned in Appendix C.
- 5) The project implementation supporting agencies (Figure 3, page 26 of Inception Report) were modified as attached in Appendix D taking into the following points:
- APB shall be a sub supporting agency for farmer organization as well;



- CLCRD shall be a sub supporting agency for farmer organization at both the central and the provincial levels; and
- Foreign donors shall be a sub supporting agency for environmental conservation as well.
- side promised to provide two rooms for the Team in the building of Department of Irrigation in Vientiane as well as the PAFSO Khammouane with some basic 6) The Team requested for the office space in Vientiane and Thakhek, and the Lao facilities including electricity, water, telephone line and air-condition.
- 7) The Mekong Committee has prepared the agricultural irrigation program over the entire river basin as its 1999 program, which includes similar concept with the JICA Study, and LNMC promised to supply the related information to the Team for the reference.

List of Participants

Acting Director General, Cabinet Office	Program Coordinator, Cabinet Office	Senior Officer, Department of Agriculture		Director General, Department of Irrigation	Deputy Head, Technical Division	JICA expert, Department of Irrigation	Counterpart for JICA Expert
Ministry of Agriculture and Forestry (MAF) Mr. Phouvieng Latdavong	Mr. Phalasack Pheddara	Mr. Phaydy Phiaxaysarakham	Department of Irrigation, MAE	Mr. Langsy Sayvisith	Mr. Somchith Thongphanhuangsy	Mr. Akira Hashimoto	Mr. Khamhou Phanthavong

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	irector, Bolikhamsai Pr	ne Province
y Service Office, MAF	Director, Bo	Khammuoane P
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ial Agricultu	Vr. Phichith Sayaphone	. Khanthalangsy Sayalat
Provinc	Mr.	Mr. K

	Credit Department	Project Staff
6-1-6	Bank of LAO PDR Mr. Bounleut Bounphasaysone	Agricultural Promotion Bank Mr. Bounsy Thanousing

	Deputy Director General, Department of International Economic Cooperation	
Committee for investment and Cooperation	Mr. Soulasith Oupravanh	

elopment	Director	State Planning Committee
Central Leading Committee for Rural Development	Lao National Mekong Committee	State Planning Committee
Mr. Phylavanh Nasoukhum	Mr. Boriboun Sanasisane	Mr. Souphith Darachanthara

JICA Headquarters (Tokyo)	Team Leader
Project Formulation Adviser, Laos Office	Financial System
Program Officer, Laos Office	Coordinator (Sub-Moderator)
JICA	JICA Study Team
Mr. Kazutomo Hihara	Mr. Yoshitomo Miyanishi
Mr. Mikio Masaki	Mr. Norio Mochizuki
Mr. Sophonh Kousonsavath	Ms. Harue Nasu
	_

A. Project Steering Committee:

DG, Cabinet, MAF	DG, DOI, MAF	DG, DOAE, MAF	DG, Cabinet, CLCRD	DG, Cabinet, SPC	DG, Dept. of Credit, BOL	Dy. DG, DOFEC, CIC	Director, LNMC	Dy. DG, DOMH, MAF	Dy. DG, DOLF, MAF	Director, PAFSO, Bolikhansai	Director, PAFSO, Khammouane	Director, PAFSO, Savanakhet	DICI, MAF	SSDC, DOI, MAF*	DOPS, MAF
Mr. Phouviang Latdavong	2. Vice Chairman Mr. Langsy Sayvisith	3. Vice Chairman Mr. Anonh Khamhoung	Mr. Bounphone Soulinthone	Mr. Boviengkham Vongdala	Mr. Silisay Vilaihong	Dr. Soulasit Oupravanh	Mr. Boliboun Sanasisane	Mr. Nitthalat Somsanith	Mr. Veunvang Bouttalath	Mr. Phichith Sayaphone	Mr. Sivixay Soukkhalat	Mr. Phoumy Phoumanivong	Mr. Phalasack Pheddara	15. Dy. Secretary Mr. Pasonexai Insixiengmay	16. Dy. Secretary Mr. Khame Phalakone
1. Chairman	2. Vice Chairman	3. Vice Chairman	4. Member	5. Member	6. Member	7. Member	8. Member	9. Member	10. Member	11. Member	12. Member	13. Member	14. Secretary	15. Dy. Secretary	16. Dy. Secretary

Central Working Group

I. Chief	Mr. Somchit Thongphanheangsi	DOI, MAF
2. Member	Mr. Phaydy Phiengphaisalakham	DOAE, MAF
3. Member	Mr. Philavan Nasoukkhoum	CLCRD
 Member 	Mr. Bounleuth Bounphasaysone	Dept. of Credit, BOL
5. Member	Mr. Saksy Thavone	Credit Div., APB
Member	Mr. Khamthong Soukkhathammavong DOMH, MAF	ng DOMH, MAF

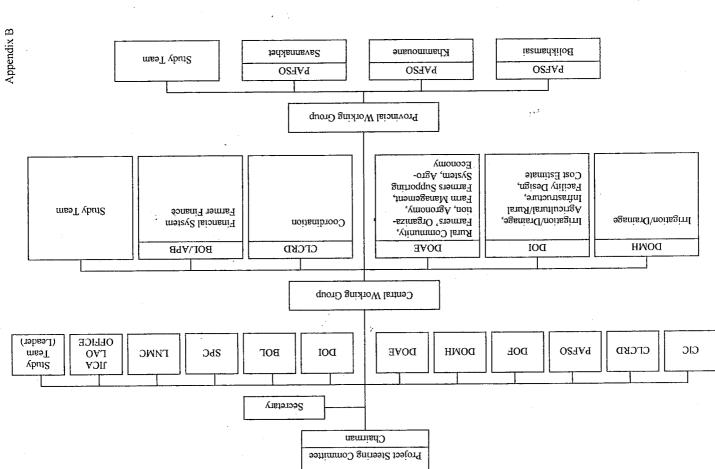
Provincial Working Group

PIS, Bolikhansai	PAES, Bolikhamsai	PIS, Khammouane	PAES, Khammouane	PIS, Savannakhet	PAES, Savannakhet
Mr. Bounseng Phathammavong	Mr. Khannnouane Xaiyavong	Mr. Dethsakda Manikham	Ms. Ammala Sengsouliya	Mr. Souliyo Keophalivanh	Mr. Sitthideth Kansavath
 Member 	2. Member	3. Member	4. Member	5. Member	6. Member

Note: * Mr. Pasonexai will act as secretary for both the working groups.







Organization for Study Implementation



Figure 3

Proposed Project Implementation Supporting Agencies

Conservation Co.O. P.O. C.O. P.O. P							องมี	rincial Off	P.O.: Prov	ffice,	Note: C.O.: Central O
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Organization Technology System Conservation											MOAF
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 $\bigcirc = Responsible \ Agency, \quad \bigcirc = Main \ Supporting \ Agency, \quad \triangle = Sub \ Supporting \ Agency$

□=Coordinating Agency

nendix D

Annex A-4 Minute of Meeting on Progress Report (1)

MINUTES OF MEETING

OF

PROGRESS REPORT (1)

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM
ALONG THE MEKONG RIVER
IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, February 26, 1999

Mr. Yoshitomo MIYANISHI Leader JICA Study Team

Ministry of Agriculture and Forestry

Department of Irrigation

Mr. Langsy Sayvisith Director General

r. Yoshitomo MIYANISHI

The meetings on the Progress Report (I) (hereinafter referred to as "the Report") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held on February 25 and 26, 1999 at the conference room of the Ministry of Agriculture and Forestry. The meeting was chaired by Mr. Langsy Sayvisith, Director General, Department of Irrigation, Ministry of Agriculture and Forestry. List of participant is attached in Appendix A.

Mr. Yoshitomo MIYANISHI, team leader of JICA Study Team (hereinafter referred to as "the Team") explained the contents of the Report consisting of background, major findings, a basic concept of master plan formulation and further schedule of the Study. After the series of discussion between the two sides, the Report was, in principle, accepted by the Lao side by confirming the followings:

The results of the discussions

- In the basic concept of master plan formulation, effective utilization of released water from a planned storage dam for hydropower generation, should be taken into consideration.
- 2) In the marketing study, future prospects for exporting farm products to other countries should be considered.
- 3) The study must pay due attention onto the development policy of special economic zones in the Study area, for which necessary information could be obtained from the Economic Affairs Division of Ministry of Foreign Affairs.
- 4) In the proposed cropping pattern, due attention should be paid for fruit trees, in this connection, the Team commented the necessity of careful study, especially for providing assured irrigation water throughout a year.
- 5) In relating to activities of research and extension, DOAE is responsible for macrobase policy, while PAFSO/DAFSO for micro-base one. Then linkage between production center and market center is inevitable.
- 6) The target for dry season cropping of 150,000 ha in Year 2000 set by the Government, includes 100,000 ha of paddy cultivation and 50,000 ha of other crops.
- 7) As for selection criteria of model F/S area, the size proposed by the Team (100 300 ha) is agreeable, however, number of villages to be covered will not necessarily be one.
- 8) Lack of coordination takes place not only among the government agencies, but also among stakeholders or users of water resources.

List of Participants

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members of PSC (16 members) and CWG (6 members) together with copies for Ministerial offices concerned. In this regard, the Team promised to convey the request of the Lao side to JICA H.Q. for further consideration, because this matter

duly relates to the Scope of Works for the current Study.

9) The Chief Counterpart of Central Working Group mentioned the number of report to be submitted by the Team must be increased from 20 to 25 to cover the Program Coordinator, Cabinet Office Mr. Phalasack Pheddara Mr. Khame Phalakhone

Department of Irrigation, MAF

Mr. Vankham Thammachak Mr. Langsy Sayvisith

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Mr. Hatsadong CHANTHAVONGSA

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State Planning Committee

Program Officer, Laos Office JICA Mr. Hatsadong CHANTHAVONGSA

Annex A-5 Minute of Meeting on Progress Report (2)

MINUTES OF MEETING

OF

PROGRESS REPORT (II)

FOR

THE STUDY ON SMALL SCALE

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM ALONG THE MEKONG RIVER

IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, July 13, 1999

Mr. Phouvieng Latdavong
Director General
Cabinet Office
Ministry of Agriculture and Forestry

Mr. Yoshitomo MIYANISHI

Witness

JICA Study Team

Leader

日库一福

Mr. Kazutomo HIHARA JICA Tokyo Office

The meetings on the Progress Report (II) (hereinafter referred to as "the Report") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held on February 12 and 13, 1999 at the conference room of the Department of Irrigation. The meeting was chaired by Mr. Phouvieng Latdavong, Director General, Cabinet Office, Ministry of Agriculture and Forestry. List of participant is attached in Appendix A.

Mr. Yoshitomo MIYANISHI, team leader of JICA Study Team (hereinafter referred to as "the Team") explained the contents of the Report consisting of background, additional findings, a draft master plan, the results of RRA study, a development concept of model areas and further schedule of the Study. After the series of discussion between the two sides, the Report was, in principle, accepted by the Lao side by confirming the followings:

The results of the discussions

- 1) In relation to the restructuring of Ministry of Agriculture and Forestry (MAF), Lao side reported that the agro-processing industry is in charge of MAF being transferred from Ministry of Industry, and PAFSO/DAFSO will be accordingly reorganized
- 2) The preliminary formulation of Master Plan is quite acceptable by the PSC, because its target is in line with the government's development policy for the long-term perspective including alleviation of rural poverty and sustainable agricultural development.
- 3) As for the further schedule, the Team explained that it is necessary to obtain approval of JICA, in which the Team's proposal for development concept of Model Areas will be fully discussed.
- 4) Lao side commented that the selection process of 6 candidate Model Areas are considered quite logical to realize the short-term perspective of the Master Plan, and agreed by the respective PAFSO representative concerned, because the selected Model Areas represent the local condition of the Study area.
- 5) In order to smoothly commence the Phase II Field Survey (F/S for Model Areas), if JICA will approve to carry out the said survey, the Team tentatively proposed the following candidate as the three Model Areas:

Province	Bolikhamsai	Khammouane	Savanakhet
District	Pakkading	Hinboun	Xayphouthong
Name	Ban Thonghak	Ban Vang Khong	Ban Phonthan

The PSC agreed the Team's proposal and expressed to proceed the next step as





quickly as possible, in view of importance to implement the Model Projects as pioneer for the Master Plan. The Lao side also expressed its willingness that the same member and the same system of Study execution will continue the further study.

available 2nd Floor of Department of Irrigation, Chao Anou Road, and to provide additional office space in coming December 1999 for Phase II Field Study. The 6) The Team requested the Lao side to continuously use the office space presently Lao side replied to consider the Team's request.

List of Participants

Ministry of Agriculture and Forestry (MAF)

Director General, Cabinet Office

DOPS

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Project Staff

Mr. Bounsy Thanousing

Agricultural Promotion Bank

Committee for Investment and Cooperation Dr. Soulasit Oupravanh

Deputy Director General

Senior Officer, Cabinet Office Central Leading Committee for Rural Development Mr. Phylavanh Nasoukhum

Lao National Mekong Committee

Mr. Khamtheo

State Planning Committee Mr. Phonepaseuth Mr. Kazutomo Hihara

Mr. Sophonh Kousonsavat

Program Officer, Laos Office Head Office, Tpkyo





A-15



Team Leader
Rural Society/Farmers' Organization
Agricultural Finance
Agronomy/Farm Management
Irrigation/Drainage
Facility Design/Cost Estimate

JICA Study Team
Mr. Yoshitomo Miyanishi
Mr. Oudet Souvannavong
Mr. Hiroshi Takagi
Mr. Yoshihiko Ogata
Mr. Takanori Takatsuka
Mr. Akira Sugimoto

Minute of Meeting on Interim Report Annex A-6

MINUTES OF MEETING

INTERIM REPORT

FOR

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC THE STUDY ON SMALL SCALE ALONG THE MEKONG RIVER

VIENTIANE, November 2, 1999

Ministry of Agriculture and Forestry Mr. Phouvieng Latdavong Director General Cabinet Office

Mr. Yoshitomo MIYANISHI

IICA Study Team Leader

Witness

Agr., Forestry & Fisheries Development Study Dept. Agricultural Development Study Division Mr. Hiroto MITSUGI JICA Tokyo Office

Cabinet Office, Ministry of Agriculture and Forestry. The list of participants is The meetings on the Interim Report (hereinafter referred to as "the Report") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held at the conference room of the Department of Irrigation, on November 1 and 2, 1999. The meeting was chaired by Mr. Phouvieng Latdavong, Director General, attached in Appendix A.

MIYANISHI, explained the contents of the Report consisting of a basic concept of The JICA Study Team (hereinafter referred to as "the Team") headed by Mr. Yoshitomo master plan including the staged development approach with a Task Force Team concept, the selection of Model F/S Areas, major activities in the Phase 2 Field Survey and further schedule of the Study. After the series of discussion between the two sides, the Report was, in principle, accepted by the Lao side through confirming the followings:

The results of the discussions

- 1) In relation to the restructuring of Ministries concerned together with staff The Lao side will make necessary arrangement to appoint new members and movement, some of Project Steering Committee (PSC) member shall be replaced. provide the Team with the revised list of PSC member as early as possible.
- The basic concept of Master Plan is quite acceptable by the Lao side, because its target is in line with the government's development policy for the long-term perspective including alleviation of rural poverty and sustainable agricultural development. €
- 3) The concept and structure of Task Force Team (TFT) proposed by the Team (Refer to Appendix B), is basically acceptable by the Lao side with the following comments:
- Development Fund (VDF) under the Government policy, which secures the The role of TFT should include promotion activity to establish a Village transfer of an irrigation system from the government to beneficiary farmers.
- Services (PCS) at present, and Food Supply Company at District level in A representative from Ministry of Commerce should be invited and included in PSC, because the proposed TFT activities will have significant concern on the aspect of marketing farm products through Provincial Commercial

system shall be fully investigated together with participation of the related staff in In this connection, the Team expressed that every possibility to establish TFT public agencies as well as beneficial farmers.

Plan, and agreed because the selected Model Areas represent the local condition of 4) The Lao side commented that the selection process of the three (3) Model Areas are considered quite logical to realize the short-term perspective of the Master the Study area.

As suggested by the Team, the Lao side agreed to nominate the following three areas as a Model F/S area, in which detailed survey will be conducted:

Province	Bolikhamsai	Khammouane	Savanakhet
District	Pakkading	Hinboun	Xayphouthong
Name	Ban Thonghak	Ban Vang Khong	Ban Phonthan

- 5) Upon the Team's request in relating to Phase 2 Field Study, the Lao side promised to extend its maximum effort to cooperate with the Team, especially through coordination among every level of the governmental agencies concerned, including participation of concerned staff in District level to the Team's activity.
- 6) The Team confirmed the Lao side to provide additional office space near the present Team's Office in accordance with the Minute of Meeting on Progress Report (II). The Lao side promised to provide one room in the third floor of the same building.

List of Participants

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net Office

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Department of Irrigation, MAF

Mr. Langsy Sayvisith

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Mr. Phaydy Phiaxaysarakham

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Department of Livestock and Fishery

Mr. Thongphanh

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Asst. Resident Representative, Laos Office Program Officer, Laos Office Staff, Laos Office Mr. Sophonh Kousonsavat Miss Myuri Hirata

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Team Leader
Rural Society/Farmers' Organization
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Farmer Supporting System

JICA Study Team Mr. Yoshitomo Miyanishi Mr. Oudet Souvannavong

Mr. Hiroshi Takagi Mr. Yoshihiko Ogata Mr. Hiroyasu Ohnuma

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Annex A-7 Minute of Meeting on Progress Report (3)

MINUTES OF MEETING
OF
PROGRESS REPORT (III)

FOR

AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM
ALONG THE MEKONG RIVER
IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, January 20, 2000

Mr. Phouvieng Latdavong
Director General
Cabinet Office
Ministry of Agriculture and Forestry

Mr. Yoshitomo MIYANISHI
Leader
JICA Study Team

The meetings on the Progress Report (III) (hereinafter referred to as "the Report") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held at the conference room of the Department of Irrigation, on January 19 and 20, 2000. The meeting was chaired by Mr. Phouvieng Latdavong, Director General, Cabinet Office, Ministry of Agriculture and Forestry. The list of participants is attached in Appendix A.

The JICA Study Team (hereinafter referred to as "the Team") headed by Mr. Yoshitomo MIYANISHI, explained the contents of the Report consisting of a basic concept of master plan including the TFT's (Task Force Team) activities and perspective, the results of PCM Workshops, Preliminary Development Plan for each Model Area, the feedback for the master plan and further schedule of the Study. After the series of discussion between the two sides, the Report was, in principle, accepted by the Lao side through confirming the followings:

The results of the discussions

- 1) The Lao side has recognized the usefulness of TFT concept for the development of not only the model areas but also the entire master plan area, and the necessity to train not only TFT members as a generalist but also provincial technicians as subject matter specialist (SMS). In this connection, the Team recommended the Lao side that the current virtual TFTs formed during the Phase II Field Survey period, shall continue their activities envisaged by the Team. The Lao side requested the Team to prepare more detailed program, taking into consideration any resources available in Lao P.D.R.
- 2) Through the participatory approach carried out during the field survey period, including RRA survey in the candidate model areas, and PCM workshops for both the agricultural finance (during Phase I) and the model areas (during Phase II), the Lao side has also recognized the importance of the farmers' participation in the project implementation since the beginning of project preparation stage.
- 3) In order to minimize the gap between the farmers' development target set in the PDM and the existing condition, the Lao side requested the Team to prepare any countermeasures, which should be technically sound, economically feasible and financially viable. The Team responded that the above request could be incorporated in the Draft Final Report with consideration of farmers' affordability for the cost sharing as sustainable basis.
- Through the discussion about the investment cost required for implementing the development plan in the model areas, the Lao side commented that it is deemed necessary to find out any external funding source, taking into consideration the present tight situation in the government's financial position.

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- master plan area as well as the present government policy of Irrigation Management Transfer (IMT), both sides agreed that one of possible funding 5) In view of the cost required for improvement of irrigation facilities in the entire the Lao side requested the Team to prepare detailed program for strengthening of sources would be a two-step loan through APB to farmers. In this connection,
- allocated to the Team both in Vientiane and in Thakhek until the time of explanation on Draft Final Report in Laos, which is scheduled to take place in 6) The Team requested the Lao side to continuously use the office space presently mid-April 2000. The Lao side agreed the Team's request.

List of Participants

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Director General, Cabinet Office Dy. Director, Dept. of Planning Coordinator, PSO, DICI JICA Expert Mr. Soudchay Nhongvansong Mr. Phouviang Latdavong Mr. Khame Phalakhone

Mr. Yasunori Araki

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Project Formulation, Laos Office

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Mr. Oudet Souvannavong
Mr. Yoshihiko Ogata
Mr. Hiroyasu Ohnuma
Mr. Takanori Takatsuka

Team Leader
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Agronomy/Farm Management
Farmer Support System
Irrigation/Drainage
Facility Design/Cost Estimate

Mr. Akira Sugimoto

Annex A-8 Minute of Meeting on Draft Final Report

MINUTES OF MEETING

QF

TECHNICAL SEMINAR ON DRAFT FINAL REPORT

FOR

THE STUDY ON SMALL SCALE AGRICULTURAL AND RURAL DEVELOPMENT PROGRAM ALONG THE MEKONG RIVER

IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

VIENTIANE, May 24, 2000

Mr. Phouvieng Latdavong
Director General
Cabinet Office
Ministry of Agriculture and Forestry

Mr. Yoshitomo MIYANISHI

Leader

ICA Study Team

Witness by

Mr. Hiroto MITSUGI Deputy Director Agricultural Development Study Division Agr., Forestry & Fisheries Development Study Dept.

The meetings on the technical seminar on Draft Final Report (hereinafter referred to as "the Seminar") for the Study on Small Scale Agricultural and Rural Development Program along the Mekong River was held at the conference room of the Department of Irrigation, on May 23 and 24, 2000. The meeting was chaired by Mr. Phouvieng Latdavong, Director General, Cabinet Office, Ministry of Agriculture and Forestry. The list of participants is attached in Appendix A.

The JICA Study Team (hereinafter referred to as "the Team") headed by Mr. Yoshitomo MIYANISHI, explained the contents of the report consisting of the concept of master plan and the model area development plan including the proposed project/scheme with priority and the recommendation. After the series of discussion between the two sides, the report was, in principle, accepted by the Lao side through confirming the followings:

The results of the discussions

- 1) The basic development concept with the three piers of "farmer organization", "agricultural finance" and "stabilization of farming" described in the Report is quite acceptable by the Lao side, because its target is in line with the government's development policy for the long-term perspective including alleviation of rural poverty and sustainable agricultural development.
-) The Lao side is agreeable with the respective development concept for the three model areas through the human resource development with the concept of capacity building by OJT (on-the-job training) of the stakeholders concerned.
- 3) The Lao side commented how the further procedure after the technical seminar on the Report for implementation of the proposed projects/schemes should be taken.

In this connection, the representative of JICA responded that after finalizing the report with comments from the Lao side, it shall evaluate the availability of the proposed national and external inputs by the final report. After such evaluation, the Lao side should prepare its proposal for further implementation of the proposed project/scheme to external development agency, if necessary.

- 4) The Lao side requested to describe the summary table for the investment cost with disbursement schedule over the project implementation period, and the Team will incorporate the comment into the final report.
- 5) The Team commented that comments on the Report will be available within one month term in accordance with the Scope of Works signed in November 1997, and the Lao side responded to make its effort to cope with the Team's request.



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List of participants date: 23 May 2000

DOA	BOL	Department of Planning	Department of Meteo & Hydrology	National Committee for Planning	APB	Savannakhet Province	Bolikhamsay Province	Department of Livestock and Fisherics	National Mekong Committee	Cabinet of MAF	DOA	MAF
CWG	CWG	Deputy Director of Division	Expert	Officer	Head of Section	Deputy Director of PAFSO	Director of PAFSO	Officer	Head of Division	Head of Division of Cooperation	Director General of Department	Director General of Cabinet
1 Phaydy	2 Oudom	3 Kham	4 Khamthong	5 Phonepaseut	6 Bounsy Thanousing	7 Bounthiem Phommaxay	8 Phichit Sayaphone	9 Hanh Choundara	10 Singha Ounninhom	11 Thongsoune Bounphaxayson	12 Viravanh Phannourath	13 Phouvieng Laddavong

Khammouane Province Ministry of Commerce JICA Laos Office JICA Laos Office Embassy of Japan PSO, MAF лса, но DOI Director General of Department Director General of Cabinet Deputy Director of Cabinet Deputy Director of PAFSO Project Formulation Deputy Res. Rep. VICA Expert Secretary 15 Phouvong Phommabouth 14 Nobuaki MIYATA

16 Langsy Xayvisith

Deputy Director of Agri. Div. 22 Hiroyasu OHNUMA 17 Bounta Botsabang 19 Yasunori ARAKI 18 Mayuri HIRATA 20 Seiji NAGANO 21 Hiroto Mitsugi

CLCRD Deputy Head Division 25 Philavanh Nasoukkhoum 24 Yoshitomo MIYANISHI 26 Kazuyuki SHIMAZAKI

23 Oudet Souvannavong

DOI

27 Somchith Thongphanhuangsy CWG