

*Attachment-4*  
*Acceptance of Interim Report*



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Ministry of Water Resources  
and Meteorology

Phnom Penh, 15 February 2008

N° 308 MOWRAM

To : Mr. KODAMA Masayuki  
Team Leader  
Basin-wide Basic Irrigation and Drainage Master Plan Study (JICA)


Reference: Letter No. MOW-BBW-01FY2008 dated 8 January 2008

**Subject: Basin-wide Basic Irrigation and Drainage Master Plans Study : Acceptance of Interim Report**

Dear Mr. Kodama,

We received the Interim Report submitted by your letter No. MOW-BBW-01FY2008 dated 8 January 2008. We found the conclusion of the Interim Report has no large change of that in the Progress Report (1) on which we discussed on 23 October 2008.

In this occasion, we accept the Interim Report, and request you that the JICA Study Team will proceed the **Pre-feasibility Study** of the prioritized 6 projects in accordance with the schedule in the Interim Report. We also request you to have a steering committee seminar to present the Interim Report and Progress Report simultaneously to the Government Agencies and donors in late February 2008 to use our limited time effectively.

Your kind understanding and cooperation on the above will be highly appreciated. 



**LIM KEAN HOR**  
Minister of Water Resources and Meteorology

- CC:
- Leaders of MOWRAM
  - Directors General
  - Department of Administration and Human Resources
  - Cabinet of Minister
  - National Project Management Office
  - Chronicle-File

*Attachment-5*  
*Minutes of Meeting on Progress Report (2)*

MINUTES OF MEETING  
ON  
PROGRESS REPORT (2)  
FOR  
BASIN-WIDE BASIC IRRIGATION AND DRAINAGE MASTER PLAN STUDY  
IN THE KINGDOM OF CAMBODIA

The Study Team submitted thirty (30) copies of the Progress Report (2) in English on 18<sup>th</sup> February 2008, to the Ministry of Water Resources and Meteorology (herein after referred to as "MOWRAM"), in accordance with the Scope of Work for the Study signed between the MOWRAM and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on 26<sup>th</sup> October 2006.

A Steering Committee Meeting on the Progress Report (2) was held on 22<sup>nd</sup> February 2008 with the participants from line agencies including MOWRAM, Ministry of Agriculture, Forestry and Fisheries (MAFF), Ministry of Environment (MOE) and some other donor agencies as shown in the List of Participants attached herewith.

The meeting commenced from brief presentation about Draft Master Plan by the Counterpart. Then, the Study Team explained the contents of the Report particularly highlighting the main works: (i) topographic survey, (ii) public meeting and (iii) meteorological and hydrological observation carried out in the period between January and February 2008 for the Pre-F/S of six priority projects selected in the M/P. Thereafter, a series of discussions was made among them. As a result of the discussions, in principle, the Report was agreed by both sides. The main issues discussed by the both sides and the list of participants are shown in Annexes attached hereto.

22<sup>nd</sup> February 2008



H.E. VENG Sakhon  
Chairman of the Steering Committee  
Secretary of State  
Ministry of Water Resources and Meteorology  
The Kingdom of Cambodia

KODAMA Masayuki  
Leader  
The Study Team

Encl.



Main issues confirmed and agreed at the meeting are as follows.

(1) Issues on Lum Hach Rehabilitation Project

MOWRAM and the Study Team stressed the importance of consideration toward involuntary resettlement from the reservoir areas if the Project is implemented. PDOWRAM of Kampong Chhnang mentioned that they have already identified through contacting relevant local authorities including land management office that farmers in the reservoir areas have no land titles and already agreed for the resettlement before any Projects commence. PDOWRAM additionally threw in that small hydro-power needs to be proposed under Pre-F/S to ease operation of gate as proposed in the Study of Krang Ponley by K-Water (Korea). The Study Team replied that: (i) the extent of affected areas will be confirmed together with PDOWRAM in the next stage of the Study and (ii) introduction of small hydro-power will be considered within the Study.

(2) Issues on Ream Kon Rehabilitation Project

The Study Team questioned about the function of existing dike in the Project areas. Since it is discontinuous as canals crossing, it has ceased to function as dike/reservoir. PDOWRAM of Battambang responded that the dike was constructed in order to store water for recession rice cultivation and thereafter canal was constructed. Therefore, dike and existing irrigation system are not in the same design framework. At present, since people living and cultivating in and around the dike/reservoir area, it will cost to resettle people if dike/reservoir rehabilitation is carried out. The Study, consequently, needs to focus on revitalizing existing canal systems, other than dike/reservoir, in the Pre-F/S. The Study Team will consider suggestion in the Pre-F/S planning for Ream Kon Rehabilitation Project.

(3) Consideration on the projects by other donor agencies

Asian Development Bank (ADB) inquired about how the Study Team has been considering Projects by other donor agencies such like Northwest Irrigation Sector Project (NWISP) by ADB. The Team replied that the assistance by other donors have been considered in terms of location as well as resource allocation particularly water thereby avoiding any overlaps and controversy from the implementation of the Projects under Pre-F/S.

(4) Suggestions from Technical Service Center

JICA expert from the Technical Service Center (TSC) raised four issues: (i) The Team is requested to explain about justification of return period adopted for irrigation planning; (ii) It is requested that percolation measurement method utilized under the Study be transferred to TSC as an appropriate technology; (iii) The Team is also requested to carry out household survey to recognize the level of household income as showing the benchmark of poverty alleviation to be expected by the irrigation development; and (iv) TSC has been carrying out participatory construction in secondary and tertiary level facilities which can be incorporated into the Pre-F/S. Replies on these issues were as follows: (i) The team answered that the return period for the Study is commonly utilized for other Southeast Asian Countries, therefore, it is appropriate to be utilized for the planning in Cambodia. (ii) The Team have agreed to the suggestion; (iii) The Team answered that household income are being surveyed under the Study; and (iv) The Team acknowledged that tools as well as lessons learnt from

the activities in TSC will be incorporated in the Study.

(5) Capability of FWUC in O&M Irrigation

The Advisor from AFD to MOWRAM pointed out that it is necessary for the Study Team to carefully consider FWUC capability particularly for large scale project such as Damnak Ampil Extension Project. Reasonable demarcation of responsibility between the Government and FWUC should be proposed in the Pre-F/S. The Study Team have agreed to the suggestion and exchange ideas further with relevant organizations in the course of the Study.

H.E. Mr. Veng Sakon finally concluded that this Study is one of the important activities under MOWRAM to promote irrigation sector of target Four River Basins as well as other areas in the country. There is not the shadow of doubt that irrigation sector contribute to country's economy, poverty alleviation and environmental management, therefore, this Study will also contribute to the delineation of work sharing among donor society for the irrigation sector. He also stressed that the Government is expecting the Study to be suitable for Donor's appraisal for implementation.

In response to the closure by H.E. Mr. Veng Sakon, the Study Team concluded that the discussions made in the meeting are carefully considered for the Study in the next stage particularly (i) resettlement issue for Lum Hach Reservoir and (ii) capability of FWUC to prepare realistic plan for the sustainable irrigation.



## List of Participants

### 1. Cambodian Side

#### 1.1 MOWRAM

- 1) H.E. Mr. VENG SAKHON Secretary of State
- 2) Mr. PICH VEASNA Deputy Director General of Administration Affair
- 3) Mr. CHUON BITHOL Deputy Director for General of Technical Affairs
- 4) Mr. CHHEA BUNRITH Director of Planning and International Cooperation
- 5) Mr. LONG SARAVUTH Director of Meteorology Department
- 6) Mr. LIM THENG Deputy Director of Engineering Work
- 7) Mr. PREAP SAMENG Officer, Department of Hydrology
- 8) Mr. CHHROEUNG PHANNA Officer, Department of Irrigated Agriculture
- 9) Mr. CHEA VANNARITH Officer, Department of Planning
- 10) Mr. SÉBASTIEN BALMISSE Advisor, AFD-MOWRAM

#### 1.2 PDOWRAM

- 1) Mr. DAUK BUNTHON Director, Kampong Chhnang province
- 2) Mr. LONG PHALKHUN Director, Battambang province
- 3) Mr. KEO VEY Director, Pursat province
- 4) Mr. PUTH SAVA Chief of Irrigated Agriculture, Kampong Chhnang
- 5) Mr. KHAY SODA Chief of Irrigated Agriculture, Battambang province
- 6) Mr. TAUCH SOEURN Staff, PDOWRAM, Pursat province

#### 1.3 MAFF

- 1) Mr. HEAN VANHAN Deputy Director, Department of Agronomy and Agricultural Land & Improvement
- 2) Mrs. NOU SYTHAN Vice Chief Officer of Planning Officer, Department of Planning and Statistics

#### 1.4 Other Government Agencies

- 1) Mr. HOY SYTHIKUN Deputy Director, Department of Planning and Economy, Ministry of Planning
- 2) Mr. CHEA SENGYI Vice Chief Officer, Department of Investigate and Cooperation, Ministry of Economy and Finance
- 3) Mr. SAM VONGSY Economist, JICA/JBIC Expert Scheme, MEF
- 4) Mr. CHEA SAMBATH Vice Chief Officer of Planning, Statistics and Environment Impact Assessments (EIA), Ministry of Environment
- 5) Dr. SIN SOVITH Senior Program Officer, AusAID
- 6) Mr. PAUL IM National Project Officer, ADB-CARM
- 7) Mr. KIM SEIHA Vice Chief Officer, CNME

### 2. Japanese Side

#### 2.1 Embassy of Japan

- 1) Mr. KOBAYASHI Kenichi Second Secretary of Japan Embassy

#### 2.2 JICA Cambodia Office

- 1) Mr. YONEDA Kazuhiro Resident Representative, JICA Cambodia
- 2) Ms. TANAKA Tomoko Assistant Resident Representative, JICA Cambodia Office
- 3) Ms. SIV CHEANG Program Officer, JICA Cambodia Office

#### 2.3 JICA Expert

- 1) Mr. MORIYAMA Nobuhiro JICA Advisor to MOWRAM
- 2) Mr. TSUKAMUTO Shigemitsu Chief Advisor, JICA

#### 2.4 Study Team

- 1) Mr. KODAMA Masayuki Leader of the Study Team
- 2) Mr. MASAKI Manabu Irrigation & Drainage Facilities / Water Management
- 3) Mr. KURAUCHI Takashi Meteorology / Hydrology
- 4) Mr. OTSUKA Shigeya Environment & Socio-Economy
- 5) Mr. RANDY Veng Assistant of JICA Study Team

*Attachment-6*  
*Minutes of Meeting on Progress Report (3)*



MINUTES OF MEETING  
ON  
PROGRESS REPORT (3)  
FOR  
BASIN-WIDE BASIC IRRIGATION AND DRAINAGE MASTER PLAN STUDY  
IN THE KINGDOM OF CAMBODIA

The Study Team submitted thirty (30) copies of the Progress Report (3) in English on 26<sup>th</sup> September, 2008, to the Ministry of Water Resources and Meteorology (herein after referred to as "MOWRAM"), in accordance with the Scope of Work for the Study signed between the MOWRAM and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on 26<sup>th</sup> October, 2006.

A Steering Committee Meeting on the Progress Report (3) was held on 3<sup>rd</sup> October, 2008 with the participants from line agencies including MOWRAM, Ministry of Agriculture, Forestry and Fisheries (MAFF), Ministry of Environment (MOE) and some other donor agencies as shown in the List of Participants attached herewith.

The meeting commenced from opening speech and general introduction about the Study from H.E. Mr. VENG SAKHON and Mr. YONEDA Kazuhiro, Resident Representative of JICA Cambodia Office. Then, the Study Team explained the contents of the Report highlighting proposed development plan for six sub-projects under Pre-F/S. Thereafter, a series of discussions was made among them. As a result of the discussions, in principle the Report was agreed by both sides. The main issues discussed by the both sides and the list of participants are shown in Annexes attached hereto.

3<sup>rd</sup> October, 2008



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H.E. VENG Sakhon  
Chairman of the Steering Committee  
Secretary of State  
Ministry of Water Resources and Meteorology  
The Kingdom of Cambodia



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KODAMA Masayuki  
Leader  
The Study Team

Encl.

Main issues confirmed and agreed at the meeting are as follows.

(1) Implementation Schedule

The Study Team proposed that the construction works of the Project will commence from 2012 after Detail Design (D/D) extending 1.5 years. All the directors of PDOWRAM mentioned the necessity of expedition of project implementation since the Project is really expected by stakeholders including MOWRAM, PDOWRAM and farmers. The Study Team replied that the plan was prepared based on the certain period of time necessary for the arrangement among relevant agencies. JICA Expert attached to the Ministry of Economy and Finance (MEF) also added that the lead time by Cambodian side would take long time as having been shown in previous JBIC loan project in Cambodia. The Study Team will further consider the schedule to be presented in the Draft Final Report (DF/R).

(2) FWUC Support Program

The Advisor from AFD to MOWRAM pointed out that the follow-up is required for FWUC even after the facilities' rehabilitation is completed. In addition, O&M agreement needs to be prepared to establish shared-management system among MOWRAM, PDOWRAM and FWUCs. The Team replied that the importance of FWUC strengthening has been clearly understood among the Study Team members on the basis of the discussion with MOWRAM, PDOWRAM, local authorities and farmers. Therefore, FWUC support program is proposed to cover not only the period of construction but also prior- and post-construction period. As for the shared management, the Study Team proposed in the Report stepwise transferring process including management agreement among stakeholders and consideration to the O&M capability of stakeholders.

(3) Agricultural Extension Activities

The MAFF stressed the importance of marketing improvement in the Project area so as to materialize effects of project implementation. The Study Team identified during the Study that the farmers' constraints concentrated on: (i) price fluctuation and (ii) low price of the agricultural products particularly rice in accordance with the socio-economic survey. In addition, no constraints on market destination were reported from the survey. Therefore, the agriculture improvement plan proposed in the Progress Report (3) primarily deals with productivity increase based on rice-based irrigated farming. Instead, marketing improvement will be considered in the next stage after facilities' rehabilitation and consolidation of farming techniques. Marketing improvement would be through coordination among private sectors and farmers based on restructuring of regulatory framework assisted by MAFF. In this point, JICA Expert attached to MEF added that the assistance on small and medium scale enterprise including private miller could be also focal point in Cambodia under JICA support. Such issue will be considered for another Study in the future stage.

(4) Project Cost

H.E. Mr. Veng Sakon as well as other participants of MOWRAM and PDOWRAM requested the Study Team of explaining cost estimate in Pre-F/S in details. The Study Team replied that the cost, US\$ 147 million including US\$ 48 million of the construction cost, is comparatively higher than that estimated in M/P. This is due to recent drastic increase of price in



construction materials in Cambodia and consideration to price escalation on this basis. In addition, the Study Team examined, in the course of the Study, the importance of combination between hardware component (rehabilitation of facilities) and software component (FWUC support, Agriculture Extension Activities and Project Support Programs) to ensure the sustainability of the Project. The participants agreed to the principles explained by the Study Team, however, price escalation issue, 13.37 % as seen in the Progress Report (3), will be further studied to prepare DF/R.

(5) Development of Northwestern Area of Lum Hach Sub-Project

The Director of PDOWRAM Kampong Chhnang emphasized the need of development of the area located in the northwest of Lum Hach Rehabilitation Sub-Project area since the area is fertile to be capable of double cropping. The Study Team replied that the development of northwestern area has been already commenced by PDOWRAM as O Roluss system development project, therefore, it is excluded from proposed sub-project. Instead, only water resource allocation and an intake structure to O Roluss system have been considered. The participants agreed to the explanation and the decision by the Study Team.

H.E. Mr. Veng Sakon finally concluded that the irrigation development in three Provinces as proposed by the Study Team is surely justified from Cambodian policy target as well as community needs. Early implementation is highly expected through joint effort among Cambodian and Japanese side. The Study Team is requested to consider the issue pointed out in the today's meeting in order to prepare Draft Final Report.

In response to the closure by H.E. Mr. Veng Sakon, the Study Team concluded that the discussions made in the meeting are carefully considered for the preparation of Draft Final Report particularly: (i) implementation schedule based on the discussion with relevant agencies and (ii) the project cost.

## List of Participants

### 1. Cambodian Side

#### 1.1 MOWRAM

- 1) H.E. Mr. VENG SAKHON Secretary of State
- 2) Mr. PICH VEASNA Deputy Director General of Administration Affair
- 3) Mr. CHUON BITHOL Deputy Director for General of Technical Affairs
- 4) Mr. CHHEA BUNRITH Director of Planning and International Cooperation
- 5) Mr. LONG SARAVUTH Director of Meteorology Department
- 6) Mr. LIM THENG Deputy Director of Engineering Work
- 7) Mr. PREAP SAMENG Officer, Department of Hydrology
- 8) Chhea Chhankat Director of International Cooperation, MOWRAM
- 9) Mr. CHEA VANNARITH Officer, Department of Planning
- 10) Kaing Leangy Officer, Department of Planning
- 11) Mr. SÉBASTIEN BALMISSE Advisor, AFD-MOWRAM

#### 1.2 PDOWRAM

- 1) Mr. DAUK BUNTHON Director, Kampong Chhnang Province
- 2) Mr. LONG PHALKHUN Director, Battambang Province
- 3) Mr. KEO VEY Director, Pursat Province
- 4) Mr. KHAY SODA Chief of Irrigated Agriculture, Battambang province
- 5) Mr. TAUCH SOEURN Staff, PDOWRAM, Pursat province

#### 1.3 MAFF

- 1) Mrs. NOU SYTHAN Vice Chief Officer of Planning Officer, Department of Planning and Statistics, MAFF
- 2) Mr. Romnea Peov Chief of Planning, MAFF

#### 1.4 Other Government Agencies

- 1) Mr. CHEA SENGYI Vice Chief Officer, Department of Investigate and Cooperation, Ministry of Economy and Finance
- 2) Mr. CHEA SAMBATH Vice Chief Officer of Planning, Statistics and Environment Impact Assessments (EIA), Ministry of Environment
- 3) Mr. KIM SEIHA Vice Chief Officer, CNMC

### 2. Japanese Side

#### 2.1 JICA Cambodia Office

- 1) Mr. YONEDA Kazuhiro Resident Representative, JICA Cambodia
- 2) Ms. TANAKA Tomoko Assistant Resident Representative, JICA Cambodia Office
- 3) Ms. SIV CHEANG Program Officer, JICA Cambodia Office

#### 2.2 JICA Expert

- 1) Mr. SUZUKI Hiroshi Executive Advisory Economist, Ministry of Economy and Finance  
Mr. IHARA Akihiko JICA Advisor to MOWRAM
- 2) Mr. TSUKAMUTO Shigemitsu Chief Advisor, Technical Service Centre for Irrigation System Project Phase 2, JICA

#### 2.3 Study Team

- 1) Mr. KODAMA Masayuki Leader / Irrigation and Drainage Plan
- 2) Mr. SHIRAKI Takashi Agriculture / Farming Practice / Market
- 3) Mr. OTSUKA Shigeya Environment & Socio-Economy
- 4) Mr. ITO Hajime Coordinator/ Design & Cost Estimate



*Attachment-7*  
*Minutes of Meeting on Draft Final Report*

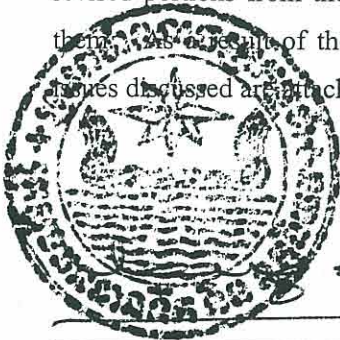
MINUTES OF MEETING  
ON  
DRAFT FINAL REPORT  
FOR  
BASIN-WIDE BASIC IRRIGATION AND DRAINAGE MASTER PLAN STUDY  
IN THE KINGDOM OF CAMBODIA

The Study Team submitted thirty (30) copies of the Draft Final Report on December 25<sup>th</sup>, 2008 to the Ministry of Water Resources and Meteorology (herein after referred to as "MOWRAM"), in accordance with the Scope of Work for the Study signed between the MOWRAM and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on 26<sup>th</sup> October, 2006.

A Steering Committee Meeting on the Draft Final Report was held on 14<sup>th</sup> January, 2009 with the participants from line agencies including MOWRAM, Ministry of Agriculture, Forestry and Fisheries (MAFF), Ministry of Economy and Finance, and other donor agencies as shown in the List of Participants attached herewith.

The meeting commenced from opening speech and general introduction about the Study from H.E. Mr. VENG SAKHON, Secretary of State and Mr. YONEDA Kazuhiro, Resident Representative of JICA Cambodia Office, followed by brief presentation about Master Plan by the counterpart personnel. Then, the Study Team explained the contents of the Report highlighting proposed development plan and revised portions from the Progress Report (3). Thereafter, a series of discussions was made among them. As a result of the discussions, in principle the Report was agreed by both sides. The main issues discussed are attached hereto.

15<sup>th</sup> January 2009



A handwritten signature in black ink, appearing to read 'Veng Sakhon'.

H.E. VENG Sakhon  
Chairman of the Steering Committee  
Secretary of State  
Ministry of Water Resources and Meteorology  
The Kingdom of Cambodia

A handwritten signature in black ink, appearing to read 'Kodama Masayuki'.

KODAMA Masayuki  
Leader  
The Study Team

Encl.

Main Issues Confirmed and Agreed at the Meeting are as follows.

- (1) **Loan Budget of the Government of Cambodia**  
MOWRAM mentioned that the maximum annual loan from donor agencies is set to be US\$ 300 million per year in disbursement basis, and out of that, US\$ 40 million per year are loan from Japan and are allocated to the use of different sectors including MOWRAM in accordance with the Government of Cambodia. MOWRAM, therefore, stressed that such budgetary frame of the Government needs to be carefully considered in the relevant governmental organizations in order to materialize the Project soonest as proposed under the Study.
- (2) **Importance of Coordination with MAFF**  
JICA mentioned the importance of coordination with MAFF so as to smoothly carry out agriculture extension activities at the field level as proposed in the Study. MOWRAM replied that they also have realized that the coordination will be essential for the agriculture support, therefore, MOWRAM will continue discussion with MAFF for successful implementation of proposed agriculture extension activities.
- (3) **Tertiary Development Approach and Utilization of TSC's experiences**  
The director of TSC pointed out that the tertiary development can be carried out by PDOWRAM initiative based on knowledge accumulated through previous trial implementation at the pilot basis under TSC's support, therefore, it was suggested that the utilization of skills of TSC and PDORWRAM needs to be fully utilized in the Project implementation. To this comment, the Chairman replied that mobilization of FWUC is one of the important keys to make success in irrigation and drainage development. Tertiary development through community-contract approach with the support of TSC as clearly described in the Draft Final Report would be, therefore, acceptable alternative. Involvement of TSC in the implementation and budgetary flow will be further delineated within MOWRAM in the future on the basis of the proposal by JICA Study Team.
- (4) **Coordination between Technical Assistance Project (TSC-3) and Expected Project Proposed in the Study**  
JICA and JICA Study Team reiterated the importance of coordination between Technical Assistance Project (TSC-3) and the Project proposed by JICA Study Team. TSC-3 will be expected to play an important role in preparatory work as well as pilot implementation in tertiary development, which will be expanded to other areas under the six sub-projects. The participants have agreed to this point.
- (5) **Provincial Initiative in Implementation of the Project**  
Chief Advisor of Technical Service Centre Project Phase-2 added that the coordination between PDOWRAM and PDA have commenced under the technical cooperation, therefore, MOWRAM is requested to consider such experiences in the future Project implementation. MOWRAM appreciated the trial under the technical cooperation and also stressed that capacity development of PDOWRAM needs to be continuously carried out using step-by-step approach to materialize joint operation of irrigation and drainage sector among MOWRAM and PDOWRAMs through clear work sharing as specified in the long term

vision of the Government.

In the closing remarks, H.E. Mr. Veng Sakhon expressed his appreciation toward the efforts of relevant parties for the implementation of the JICA Study since January 2007. In addition, it was finally summarized that early implementation of the Project is highly expected through joint effort between Cambodian and Japanese Government. In response to the closure of H.E. Mr. Veng Sakhon, participants have agreed that no major revision needs to be made for the preparation of the Final Report and the JICA Study Team is requested to submit Final Report by the beginning of March 2009 as scheduled.



## List of Participants

### 1. Cambodian Side

#### 1.1 MOWRAM

- 1) H.E. Mr. VENG SAKHON  
Secretary of State
- 2) H.E. Mr. EM BUNTHOEUN  
Director General of Technical Affairs
- 3) Mr. PICH VEASNA  
Deputy Director General of Administration Affair
- 4) Mr. CHOUN BITHOL  
Deputy Director General of Technical Affairs
- 5) Mr. THENG TARA  
Deputy Director General of Technical Affairs
- 6) Mrs. SETH VANNARETH  
Deputy Director General, Director of Meteorology
- 7) Mr. MAO HAK  
Deputy Director General and Director of Hydrology and River Works
- 8) Mr. CHHEA BUNRITH  
Director of Administration and Human Resources
- 9) Mr. LONG SARAVUTH  
Director of Meteorology Department
- 10) Mr. THENG BUNTENG  
Deputy Director of Engineering Work
- 11) Mr. KAING LEANGY  
Deputy Director of Planning Department
- 12) Mr. CHHUN SOKCHANN  
Chief Officer
- 13) Mr. CHEA VANNARITH  
Officer, Department of Planning
- 14) Mrs. NY CHANVEUTEY  
Officer, Department of Training
- 15) Mr. EUNG DARARATH  
Officer, Department of Training

#### 1.2 PDOWRAM

- 1) Mr. DAUK BUNTHON  
Director, Kampong Chhnang Province
- 2) Mr. LONG PHALKHUN  
Director, Battambang Province
- 3) Mr. KEO VEY  
Director, Pursat Province
- 4) Mr. KHAY SODA  
Chief of Irrigated Agriculture, Battambang Province
- 5) Mr. TAUCH SOEURN  
Vice Chief Officer, PDOWRAM, Pursat Province
- 6) Mr. PUT SAVA  
Chief Officer, PDOWRAM, Kampong Chhnang Province

#### 1.3 MAFF

- 1) Mr. AM PHIRUM  
Vice Chief Officer

#### 1.4 Other Government Agencies

- 1) Mr. SAROM SOTHOUN  
Officer, Ministry of Economy and Finance
- 2) Mr. SAM VONGSY  
Economist, Ministry of Economy and Finance

### 2. Donor Agencies

- 1) Mr. PISET LONG  
Project Officer, Asian Development Bank (ADB)
- 2) Mr. SIN SOVITH  
Senior Program Manager, AusAID

### 3. Japanese Side

#### 3.1 Embassy of Japan

- 1) Mr. Kobayashi  
Secretary

#### 3.2 JICA Cambodia Office

- 1) Mr. YONEDA Kazuhiro  
Resident Representative, JICA Cambodia
- 2) Ms. TANAKA Tomoko  
Assistant Resident Representative, JICA Cambodia Office
- 3) Ms. SIV CHEANG  
Program Officer, JICA Cambodia Office

#### 3.3 JICA Expert

- 1) Mr. IHARA Akihiko  
JICA Advisor to MOWRAM
- 2) Mr. TSUKAMUTO Shigemitsu  
Chief Advisor, Technical Service Centre for Irrigation System Project Phase 2, JICA

#### 3.4 Study Team

- 1) Mr. KODAMA Masayuki  
Leader / Irrigation and Drainage Plan
- 2) Mr. SHIRAKI Takashi  
Agriculture / Farming Practice / Market
- 3) Mr. OTSUKA Shigeya  
Environment and Socio-Economy