

ເອກກະສານຊ້ອນທ້າຍ-1 (c)      ກອງປະຊຸມຄະນະຊີ້ນໍາໂຄງການ ຄັ້ງທີ 3  
(10 ພຶດສະພາ 2013)

## **The Project on Riverbank Protection Works Phase II**

### **The Joint Coordinating Committee**

**– For the Third Year –**

#### **Context:**

The Joint Coordinating Committee (JCC) will be organized and meet at least once a year and whenever necessity arises, in order to fulfill the following functions:

- (a) To approve the annual work plan formulated by the Project
- (b) To review the over all progress and achievements of the project and activities carried out under the above mentioned annual work plan
- (c) To review and exchange opinions on any issues that may arise from or concerning the Project

#### **Membership:**

- (a) Chairperson: Minister, MPWT
- (b) Co chairperson: Director General, Department of Planning and Cooperation, MPWT  
Director General, DoW, MPWT  
Chief Representative, JICA Laos Office
- (c) Lao Side: Representatives, Bank Protection and Flood Control Division, DoW, MPWT  
Representatives, Planning and Disbursement Division, DoW, MPWT  
Deputy Director, DPWT, Bokeo Province  
Head of Road and Bridge Unit, DPWT, Luangprabang Province  
Director General, DPWT, Bolikhamxay Province  
Representatives, DPWT, Vientiane Capital  
Representative, Department of International Cooperation, MPI  
Other officials mutually agreed upon
- (d) Japanese Side: Japanese Experts  
Representative, JICA Laos Office  
Other relevant personnel mutually agreed upon
- (e) Mid-term Joint Evaluation Team

Note: The members of the committee may appoint their substitution to attend the committee meeting.

**Date:** May 10, 2013 (Fri)

**Venue:** Conference Room of MPWT

**Agenda:**

<08:30 – 09:00> Registration

<09:00 – 09:10> Keynote Opening

Mr. Hounгла SENGMUANG, Project Director

<09:10 – 09:20> Greeting from JICA

Mr. Koichi TAKEI, Chief Representative of JICA Laos Office

<09:20 – 10:05> Explanation of Project Activity for the Third Year

Mr. Souksavanh THITHAVONG, Project Manager

<10:05 – 10:20> Coffee Break

<10:20 – 11:05> Explanation of Annual Work Plan for the Forth Year

Mr. Taketoshi MATSUNAGA, Chief Advisor of JICA Consultant Team

<11:05 – 11:50> Discussion

<11:50 – 12:00> Closing

Mr. Hounгла SENGMUANG, Project Director

**Expense:**

Conference Expenses: by Consultant Team

Transportation Fees from Province to Vientiane (based on MPWT's regulation):

by Consultant Team

Per Diem and Accommodation Fees (based on MPWT's regulation):

by MPWT

**PARTICIPANTS LIST**

AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	The Joint Coordinating Committee Meeting (Third Year)				
DATE	May 10th, 2013				
PLACE	Ministry of Public Works and Transport, Vientiane				
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
1	Mr. Houngla Sengmueng	DOW	Director General	22220435	
2	Mr. Koichi TAKEI	JICA	Chief Representative	020-5519632	
3	Noriyuki MORI	MPWT	JICA Expert	020-59328311	
4	Mayumi MIYATA	JICA	Representative	552-8340	
5	Ms. Manlatda CHANTHAVONG	JICA	APO	020-22492934	
6	Ikuo KAWABATA	NEWJEC	JICA Expert	020-55038062	
7	Yoshihiro MIWA	NEWTEC	"	020-58105962	
8	Hideki Otsuki	NEWJEC	"	020-59557968	
9	Taketoshi MATSUNAGA	NEWJEC	"	020-56703941	
10	Mr Fasaman Thammavong	DWTP	Director DWTP	020 55570260	
11	Mr Thone Chanthavong	DWTP	Deputy Director	020 92330245	
12	Mr Somboun KERTKONG	DPWT BOKEO	Dept. Director	020-22382228	
13	Mr. Khaon Seng Abp	Dow	Dept Head of Division	22215688	
14	Mr. Anongdeth Phetkaysone	DPC	Offrent.	28111125	
15	Mr. Anoulack KEOMANY	DIC, MRI	Officer	020-23333523	
16	Mr. Phoungent R.	DOW	Chief of Division	28258111	
17	Mr. Somchith SITHIPHONG	Rept. of PWT. VT	Chief of unit	020 55515096	
18	Mr. Souksavanh THITHAVON	Project Manager		020 22228805	
19	Mr. Phimmasone Sengsalyavong	Dow.	C/P	020 22228820	
20	Ms. Lattiyakone Phomdouangsy	DOW	DOW	020 22255697	
21	Ms. Houkmany Vantanasy	DOW	C/P	020 23330112	
22					
23					
24					
25					



MINUTES OF MEETING  
OF  
THE THIRD JOINT COORDINATING COMMITTEE  
FOR  
THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II

AGREED UPON BETWEEN  
THE CONSULTANT TEAM ORGANIZED BY  
JAPAN INTERNATIONAL COOPERATION AGENCY  
AND  
THE DEPARTMENT OF WATERWAYS OF  
THE MINISTRY OF PUBLIC WORKS AND TRANSPORT OF  
THE GOVERNMENT OF LAO PEOPLE'S DEMOCRATIC REPUBLIC

The Consultant Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") visited Lao People's Democratic Republic (hereinafter referred to as "Lao P.D.R.") from November 24 to December 22, 2012 and January 6 to May 21, 2013 for the purpose of implementation of a series of activities for the third year regarding the Project on Riverbank Protection Works Phase II (hereinafter referred to as "the Project").

The result of project activities for the third year, annual work plan for the fourth year and other concerned issues were reported and discussed at the Joint Coordinating Committee (JCC) meeting for the Project in Vientiane on May 10, 2013.

As a result of the JCC meeting, the Team and the Department of Waterways, Ministry of Public Works and Transport (hereinafter referred to as "both sides") agreed as shown in the "Attached document".

Vientiane, May 10, 2013

Mr. Taketoshi MATSUNAGA  
Chief Advisor/ River Management,  
Consultant Team for the Project on  
Riverbank Protection Works Phase II



Mr. Souksavanh THITHAVONG  
Project Manager for Riverbank Protection  
Works Phase II

Witnessed by:



Mr. Koichi TAKEI  
Chief Representative  
JICA Laos Office

Witnessed by:



Mr. Houngla SENGMUANG  
Director General, Department of Waterways  
Ministry of Public Works and Transport

## ATTACHED DOCUMENT

### I. DISCUSSION POINTS

Discussion points were summarized by Mr. Hounгла SENG MUANG, Director General of Department of Waterways (DOW), Ministry of Public Works and Transport (MPWT) as the chairperson of JCC meeting as shown below.

1. JCC membership accepted the result of project activities for the third year.
2. JCC membership accepted the annual work plan for the fourth year.
3. JCC membership and attendance confirmed the following;
  - DOW and Department of Public Works and Transport (DPWT) of Bolikhamxay Province will ensure that the assigned three (3) counterparts (C/Ps) will supervise the pilot construction works at Pakthoay village in Bolikhamxay Province, so that they can receive technical transfer from the JICA experts. DOW and DPWT of Bolikhamxay Province also promised to instruct the contractor to recover the delay so far.
  - Five (5) trainees nominated to attend the “counterpart training in Japan (third batch)” are bound to be the project members as well as the supervisors for the up-coming pilot construction works at Souan Louang village in Luangprabang Province, in order to ensure the impact of the training and maximize the technical transfer. The trainees who participated in the training in Japan are advised to share their experience with the other DOW and provincial DPWT engineers.
  - The initial evaluation scores presented by the JICA expert team on the level of understanding defined in project design matrix (PDM) were confirmed by the JCC membership. The JCC membership encouraged more active engagement in the project activities so that the scores reach the target of 75 points, by the end of the project.
4. Other concerned issues discussed at the JCC meeting were summarized as follows:
  - (1) Director General of DOW assured that Lao side will make more efforts for allocating the budget for riverbank protection works with using traditional method such as Soda Mattress.
  - (2) JCC membership confirmed that Lao side will improve visa-application process more smoothly for Japanese experts with collaboration from Ministry of Planning and Investment (MPI).

### Annex I LIST OF ATTENDANCE



## Annex I LIST OF ATTENDANCE

### Ministry of Public Works and Transport (MPWT)

#### Department of Waterways (DOW)

1. Mr. Hounгла SENG MUANG, Director General
2. Mr. Phoumyenh KHOUNTHIKOUMMANE, Chief of Division, Budget and Planning Division
3. Mr. KhamSeng ALY, Deputy Chief of Division, Bank Protection and Flood Control Division
4. Ms. Lattiyakone PHOMDUANGSY, Officer, Bank Protection and Flood Control Division

#### Department of Planning and Cooperation

1. Mr. Anongdath PHETKAYSONE, Officer

#### Cabinet Office

1. Mr. Noriyuki MORI, JICA Expert/ Planning Advisor to Cabinet Office

### Ministry of Planning and Investment

1. Mr. Anoulack KEOMANY, Officer, Department of International Cooperation

### Department of Public Works and Transport (DPWT)

1. Mr. Somboun KERTKONG, Deputy Director General, DPWT Bokeo Province
2. Mr. Thone CHAMTHAMINAVONG, Deputy Director General, DPWT Bolikhamxay Province
3. Mr. Fasanane THAMMAVONG, Director General, DPWT Luangprabang Province
4. Mr. Somchith SITHIPHONG, Chief of Unit, DPWT Vientiane Capital

### Counterpart Officials

1. Mr. Souksavanh THITHAVONG, Project Manager, DOW, MPWT
2. Mr. Phimmason SENG SOURIYAVONG, Technical Staff, DOW, MPWT
3. Ms. Moukmany VANNASY, Secretary/ Technical Staff, DOW, MPWT

### JICA Laos Office

1. Mr. Koichi TAKEI, Chief Representative
2. Ms. Mayumi MIYATA, Representative
3. Ms. Monlatda CHANTHAVONG, Assistant Program Officer

### The Consultant Team

1. Mr. Taketoshi MATSUNAGA, Chief Advisor/ River Management
2. Dr. Hideki OTSUKI, Vice Chief Advisor/ River Management
3. Mr. Yoshihiro MIWA, River Engineering/ Riverbank Protection Planning & Design/  
Topographical Survey
4. Ms. Ikuko KAWABATA, River Vegetation Works/ Maintenance

ເອກກະສານຊ້ອນທ້າຍ-1 (d)      ກອງປະຊຸມຄະນະຊີ້ນໍາໂຄງການ ຄັ້ງທີ 4  
(21 ພຶດສະພາ 2014)

MINUTES OF MEETING  
OF  
THE FOURTH JOINT COORDINATING COMMITTEE  
FOR  
THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II

The Project on Riverbank Protection Works Phase II (hereinafter referred to as “the Project”) has been implemented from November 2010 to August 2014 by the Consultant Team (hereinafter referred to as “the Team”) organized by the Japan International Cooperation Agency (hereinafter referred to as “JICA”). Purpose of the Project is to enhance ability of the officials of Ministry of Public Works and Transportation (hereinafter referred to as “MPWT”) and Public Works and Transport Departments (hereinafter referred to as “DPWT”) of local province.

The Joint Coordinating Committee (hereinafter referred to as “JCC”) for the fourth year was hold at Conference Room No. 02 of MPWT on 21/05/2014 in order to fulfil the following functions;

- i. To approve the annual work plan formulated by the Project
- ii. To review the overall progress and achievements of the project and activities carried out under the above mentioned annual work plan
- iii. To review and exchange opinions on any issues that may arise from or concerning the Project

As a result of the JCC meeting, the Team and the Department of Waterways of MPWT agreed the discussion as shown in Appendix-1.

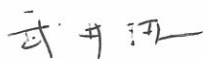
Appendix-1	Discussion on JCC
Appendix-2	Agenda of the JCC
Appendix-3	Participants List

Vientiane, May 21, 2014



Mr. Taketoshi MATSUNAGA  
Chief Advisor/ River Management,  
Consultant Team for the Project on  
Riverbank Protection Works Phase II

Witnessed by:



Mr. Koichi TAKEI  
Chief Representative  
JICA Laos Office



Mr. Souksavanh THITHAVONG  
Project Manager for Riverbank Protection  
Works Phase II

Witnessed by:



Mr. Houlga SENG MUANG  
Director General, Department of Waterways  
Ministry of Public Works and Transport

Appendix-1 Discussion on Joint Coordination Committee

I. DISCUSSION POINTS

Discussion points were summarized by Mr. Houngla SENGMUANG, Director General (DG) of Department of Waterways (DoW), Ministry of Public Works and Transport (MPWT) as the chairperson of Joint Coordination Committee (JCC) meeting as shown below.

1. JCC membership accepted the result of project activities for the fourth year including the preliminary figures of terminal evaluation scores presented by the JICA expert team on the level of understanding defined in project design matrix (PDM).
2. JCC membership accepted the result of evaluation prepared by the Terminal Joint Evaluation Team.
3. Recommendations from Terminal Joint Evaluation Team and responses from Lao side were confirmed as shown below:

No.	Recommendations from Terminal Joint Evaluation Team	Responses from Lao side
1	To ensure the manual with appendices in Lao language to be completed and distributed to potential users.	Lao side also understand the necessity for translation of manuals in Lao language. Translation will be implemented by the completion of this Project. Manuals will be distributed to concerned organization. MPWT hopes to receive the financial support from JICA for the publication of manuals.
2	To produce promotional materials (leaflet and DVD) based on the three pilot projects that shows the cost-effectiveness and environmentally-friendliness as well as the pictures showing before and after the Projects to mainstream the Soda method.	Promotion materials are very important to expand this method. MPWT will prepare materials. Promotional activities such as the upload of the video to MPWT website can be considered.
3	To ensure that all the C/P officials from Public Works and Transportation Department of local governments (DPWT) should retain in the same unit.	C/P officials of both DoW, MPWT and provincial DPWTs will retain in the same unit.
4	To take strong initiative to implement projects with the Soda method including the planned extension works at Paoy site in Bokeo. Also Lao side should identify priority sites for riverbank protection in other provinces and make proposals and plans.	Extension of riverbank protection works at Paoy site is planned to be implemented. Lao side is willing to expand the riverbank protection projects in other provinces.
5	To create a market for riverbank protection using the Soda method by setting a qualification (e.g., the number of Soda specialists) required of the contractors for bidding.	Although there are few contractors who can implement the Soda method, it is expected to be developed with nationwide expansion.
6	(DPWT) To earmark a budget for monitoring and maintenance of the three pilot sites after the end of the project period.	It is important for Lao side to allocate necessary budget to implement the appropriate monitoring and maintenance sustainably. Budget for the monitoring and maintenance will be allocated in three pilot sites.
7	To make efforts to conduct a training course on environmentally-friendly and cost effective methods as part of the regular training program of MPWT.	Using manuals, instruction of these methods will be involved in the training program of MPWT.

4. Other important discussions were the following;
- Chief Representative of JICA Laos office asked if Government of Lao P.D.R (GOL) set high priority on the riverbank protection measures with using Japanese traditional construction methods which are environmentally-friendly and cost effective. DG of DoW confirmed its priority and ensured to disseminate this method across the whole country. DG of DoW requested JICA to consider further cost sharing projects (e. g., Lao side: 70%, Japanese side: 30%) in future. DG of DoW also requested JICA for further training in the fields of river engineering because most of officials in DoW, MPWT and provincial DPWTs are road engineers.
  - Chief Representative of JICA Laos office also asked if translation of manuals into Lao language would be done by C/P officials. DG of DoW responded that translation and finalization of manuals would be a good practice for C/P officials to understand riverbank protection methods. DG also expressed that Lao side would like to receive suggestion and/or comments from professors of National University of Laos (NUOL) after C/P officials completed manual translation. Manuals are expected to be utilized for training materials of MPWT, provincial DPWTs and educational institutions such as NUOL.
  - DG of DoW informed that the MPWT will make public announcement of the project activities in the three pilot sites on the MPWT's bulletin board and plan to broadcast on the Lao TV program. DG also informed that MPWT is planning to conduct the training program on Soda Mattress in the Public Works and Transport Training Center (PTTC)
  - Chief Representative of JICA Laos office requested MPWT to make sure that all the remaining payment by Lao side to the Contractor should be duly made by Lao side. DG, DoW replied that application for the payment prepared by DoW, MPWT had been already submitted and approved by the National Assembly and just waiting for the disbursement to the Contractor by Ministry of Finance.
  - C/P officials of DPWT Bokeo Province asked if local damage on slope protection works at Paoy site had been caused by steep slope angle of protection works. Chief Advisor of JICA expert team replied that possible cause of local damage was insufficient penetration depth of short piles and designed slope angle (1:1.8) would not induce local damage.
  - C/P officials of DPWT Bokeo Province also asked if Soda Mattress would be combined with slope protection works by modern method such as concrete revetment. Chief Advisor of JICA expert team replied with a yes and encouraged to install foot protection works beneath slope protection works by modern methods as well as traditional one. Chief Advisor of JICA expert team also complemented that lack of foot protection works leads to collapse or damage of slope protection works caused by local scouring.

## The Project on Riverbank Protection Works Phase II

### The Joint Coordinating Committee

– For the Fourth Year –

#### Context:

The Joint Coordinating Committee (JCC) will be organized and meet at least once a year and whenever necessity arises, in order to fulfill the following functions;

- (a) To approve the annual work plan formulated by the Project
- (b) To review the overall progress and achievements of the project and activities carried out under the above mentioned annual work plan
- (c) To review and exchange opinions on any issues that may arise from or concerning the Project

Fourth JCC meeting will be held in association with the terminal joint evaluation mission

#### Membership:

- (a) Chairperson: Minister, MPWT
- (b) Co chairperson: Director General, Department of Planning and Cooperation, MPWT  
Director General, DoW, MPWT  
Chief Representative, JICA Laos Office
- (c) Lao Side: Representatives, Bank Protection and Flood Control Division, DoW, MPWT  
Representatives, Planning and Disbursement Division, DoW, MPWT  
Deputy Director, DPWT, Bokeo Province  
Head of Road and Bridge Unit, DPWT, Luangprabang Province  
Director General, DPWT, Bolikhamxay Province  
Representatives, DPWT, Vientiane Capital  
Representative, Department of International Cooperation, MPI  
Other officials mutually agreed upon
- (d) Japanese Side: Japanese Experts  
Representative, JICA Laos Office  
Other relevant personnel mutually agreed upon
- (e) Terminal Joint Evaluation Team

Note: The members of the committee may appoint their substitution to attend the committee meeting.



Date: May 21, 2014 (Wed)

Venue: Conference Room No. 02 of MPWT

**Agenda:**

- <09:00 – 09:30> Registration
- <09:30 – 09:40> Keynote Opening  
Mr. Hounгла SENG MUANG, Director General of DoW, MPWT  
Project Director of Phase II
- <09:40 – 09:50> Greeting from JICA  
Mr. Koichi TAKEI, Chief of Representative JICA Laos Office
- <09:50 – 10:25> Explanation of Four-year Project Activity  
Mr. Souksavanh THITHAVONG, Project Manager
- <10:25 – 10:45> Explanation on Pilot Construction at Souangluang Site  
in Luangprabang Province  
Mr. Phimmasone SENG SOURIYAVONG, DoW, MPWT
- <10:45 – 11:00> Coffee Break
- <11:00 – 11:30> Explanation of Evaluation on Comprehension Level of C/P Officials  
Mr. Taketoshi MATSUNAGA, Chief Advisor of JICA Consultant Team
- <11:30 – 12:30> Explanation of Terminal Evaluation Team Report  
Terminal Joint Evaluation Team
- <12:30 – 13:45> Lunch
- <13:45 – 14:45> Discussion
- <14:45 – 15:00> Coffee Break
- <15:00 – 15:20> Conclusion of Minutes of Meeting
- <15:20 – 15:30> Closing  
Mr. Hounгла SENG MUANG, Director General of DoW, MPWT  
Project Director of Phase II

**Expense:**

- Conference Expenses: by Consultant Team
- Lunch: by Consultant Team
- Transportation Fees from Province to Vientiane (based on MPWT's regulation):  
by Consultant Team
- Per Diem and Accommodation Fees (based on MPWT's regulation):  
by MPWT

**PARTICIPANTS LIST**

AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	The Joint Coordinating Committee Meeting (The Fourth Year)				
DATE	21 May.2014				
PLACE	Ministry of Public Works and Transport, Vientiane				
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
1	Mr. Moungka Sangmuang	DOW	DG	56113505	
2	Mr. Phone Say SOULTYAVONG	DPWT	VF	22086161	
3	Mr. Khammouath Somchitvongsa.	DPWT	VT	22222519.	
4	Mr. Phoumyen KHAUNTHIKOUNTHAN	DOW	Chief of DIVISION	28258111	
5	Mr. Kham Sene Phayaxay	DPWT	C/P	22332466	
6	Mr. Khamphong THEP KHAMHEUANG	DPWT/BKX	Deputy Project	22332279	
7	Mr. Soukhasanh SISOUPHANH.	DPWT / L.P.B	Seniorier.	55670617	
8	Mr Thatsaphone MANIPHONH	DPC	Technical	22203387	
9	Mr Dehdoudom HEUAN MISA VATH	DPWT. BOKRO	Engineer	55483500	
10	Mr oudone PATTSA LATH		deputy director	22383353	
11	Mr Boun Khong Souk SAVATH	DPWT L.P.B	Deputy Director.	55570773	
12	Mr Somock MANICHANH	DPWT BOKRO	Deputy waterway	22384687	
13	Mr Sombath Chaleunphonh.	DPWT L.P.B	Head waterway	22538872	
14	Dr. Hideki Otsuki	Consultant Team	Vice chief Advisor	59557768	Hideki Otsuki
15	Mr. Taketoshi MATSUNAGA	JICA Expert / NEWJEC	Chief Advisor	56703941	
16	Mr. Noriyuki MORI	JICA Expert of MPWT.		020-59728311.	
17	Koichi TAKEI	CR, JICA	Chief Represen		
18	Akiko Kishine	<del>Project</del> JICA	Project Formulation Advisor		
19	Yukihiko EJIRI	JICA HDAs	Team leader Terminal Exam Team		
20	MASAHITO MIYAGAWA	JICA HQ	TERMINAL EVAL. TEAM		

PARTICIPANTS LIST

AGENDA					
THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II					
The Joint Coordinating Committee Meeting (the Fourth Year)					
DATE					
21 May.2014					
PLACE					
Ministry of Public Works and Transport, Vientiane					
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
21	Kaneyasu Ida	JICA <del>Consultant</del>	Consultant	55516866	#10
22	Soukavanh THATHAVONG	DOW	Project Manager	2222 8805	S. Soukavanh
25	Monlatda CHANTHAVONG	JICA Laos	Assistant Program	2249 2934	M. Chanthavong
26	Mr. Kham Song Aly	DOW	Depart R4 B	22215688	K. Aly
27	Sho SHIBATA	NEWJEC	Project Coordinator	shibatasa@newjec.co.jp	S. Shibata
28	Yoshihiro MIWA	JICA	PE	5810 5962	Y. Miwa
29	Tsutomu KAMEYAMA	JICA	JICA Expert	5983-2491	T. Kameyama
30	Khampheng LEEFHONG	DOW	C/P	96251266	K. LeeFHONG
31	Mr. Phimmason Seng Souvivanong	DOW	CP	2222 8820	P. Seng Souvivanong
32	MS. MOUKMANY VANVASY	DOW	CP	23330112	M. VanVASY
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Appendix-1-65

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ເອກກະສານຊ້ອນທ້າຍ-2

ບົດບັນທຶກກອງປະຊຸມ,  
ການປຶກສາຫາລືກ່ຽວກັບບົດລາຍງາ  
ນເບື້ອງຕົ້ນ

MINUTES OF MEETING  
ON  
THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II  
BETWEEN  
THE CONSULTANT TEAM ORGANIZED BY  
JAPAN INTERNATIONAL COOPERATION AGENCY  
AND  
THE DEPARTMENT OF WATERWAYS OF  
THE MINISTRY OF PUBLIC WORKS AND TRANSPORT OF  
THE GOVERNMENT OF LAO PEOPLE'S DEMOCRATIC REPUBLIC

The Consultant Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") visited Lao People's Democratic Republic (hereinafter referred to as "Lao P.D.R.") from November 7 to December 15, 2010 for the purpose of kick off with a series of activities regarding the Project on Riverbank Protection Works Phase II (hereinafter referred to as "the Project").

During its stay in Lao P.D.R., the Team was engaged in kick off activities such as explanation of inception report (hereinafter referred to as "IC/R") and its concerned issues through a series of meetings, and interviews with the relevant Lao organizations.

As a result of the discussions, the Team and the Department of Waterways, Ministry of Public Works and Transport (hereinafter referred to as "both sides") agreed on the following:

1. IC/R is basically accepted as shown in the "Attached document".
2. However further discussion for the project implementation such as budget allocation for the detailed survey on the pilot project construction and formation of contract for the pilot project construction shall be continued with care.

Vientiane, November 18, 2010



Mr. Taketoshi MATSUNAGA  
Chief Advisor/ River Management,  
Consultant Team for the Project on  
Riverbank Protection Works Phase II



Mr. Souksavanh THITHAVONG  
Project Manager for Riverbank Protection  
Works Phase II



## ATTACHED DOCUMENT

### I . DISCUSSION POINTS

1. Although some minor mistranslation of IC/R in Laotian language shall be revised, Lao side basically accepted IC/R.
2. Regarding section 1.6 (3) of IC/R, Lao side proposed that Lao side and Japanese side could make agreements with contractors as a single party for the pilot constructions in the Project with reference to other international cooperation project of Swedish International Development Cooperation Agency (SIDA). Japanese side requested the documents on agreement of SIDA project as an example.
3. Regarding project activity number [09] in section 2.2 of IC/R, Lao side explained that they have prepared the budget of five hundred million kip for the construction of pilot project in this Laotian fiscal year from October 2010 to September 2011, whereas the Japanese fiscal year is from April 2010 to March 2011. Lao side also explained that this budget neither can be transferred to next year nor turned over for other purpose such as survey and design. Japanese side understand the situation.
4. Japanese side emphasized the importance of the training processes in which the counterpart personnel (C/P) will acquire the skills of survey and design through the Project. Meanwhile, Lao side mentioned the existence of a regulation which regulates the C/P not to be able to implement survey and design works by them. Therefore both sides agreed the further discussion on the survey and design should be made. Moreover both sides will discuss the possibility of including the other firms such as Lao Transport Engineering Consultant (LTEC) into the Project.
5. Regarding the activities in Bokeo province, both sides agreed that the C/P will be dispatched to the pilot project site and then will experience the survey and design for riverbank protection in collaboration with the Team.
6. Both sides recognized that the necessity of budget for survey and design but neither prepared the budget for that purpose. Both sides will continue further discussion on budget preparation for the next project year and later.
7. Lao side agreed to prepare the official request letter to Japanese side that indicating the reason why Lao side requested the further budget allocation. In the official letter, it will be also mentioned that the budget for borehole test if necessity arose will be requested from Lao side to Japanese side.

### Annex I LIST OF ATTENDANCE

## Annex I LIST OF ATTENDANCE

### Ministry of Public Works and Transport

#### Department of Waterways

1. Mr. Hounгла SENGMUANG, Director General
2. Mr. Bounleuane CHANTHACHACK, Chief, Division of Bank Protection and Flood Control
3. Mr. KhamSeng ALY, Deputy Chief, Division of Bank Protection and Flood Control
4. Mr. Souksavanh THITHAVONG, Project Manager for Riverbank Protection Works Phase II
5. Mr. Khampeiuy LEEFHUNG, Technical Staff, Division of Post and Navigation Channel

#### Cabinet Office

1. Mr. Kazumitsu MURAOKA, JICA Expert, Planning Advisor

#### JICA Head Quarter

1. Dr. Hiroshi TAKAGI, Associate Expert, Global Environment Department

#### JICA Laos Office

1. Ms. Yoko HATTORI, Representative
2. Mr. Kayasith SADETTAN, Assistant Program Officer

#### The Consultant Team

1. Mr. Taketoshi MATSUNAGA, Chief Advisor/ River Management
2. Dr. Hideki OTSUKI, Vice Chief Advisor/ River Management
3. Dr. Rokuro KOBAYASHI, River Engineering/ Riverbank Protection Planning & Design/  
Topographical Survey
4. Mr. Keiichi INOUE, Project Coordinator 2

ເອກກະສານຊ້ອນທ້າຍ-3      ເອກກະສານປະກອບ ສໍາລັບ  
ກອງປະຊຸມສໍາມະນາ ແລະ  
ການຝຶກອົບຮົມ



	1st Seminar (Vientiane Capital)	2nd Seminar (Bokeo Province)	3rd Seminar (Bolikhamsay Province)	4th Seminar (Luangprabang Province)
Title	The Project on Riverbank Protection Works Phase II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management	The Project on Riverbank Protection Works Phase II Training Session and Seminar for "Design and Construction of Riverbank Protection Works", "Monitoring, Evaluation and Maintenance" and "River Engineering and River Management"	The Project on Riverbank Protection Works Phase II Training Session and Seminar for "Design and Construction of Riverbank Protection Works", "Monitoring, Evaluation and Maintenance" and "River Engineering and River Management"	The Project on Riverbank Protection Works Phase II Training Session and Seminar for "Design and Construction of Riverbank Protection Works", "Monitoring, Evaluation and Maintenance" and "River Engineering and River Management"
Date	March 2, 2011 (Wed), March 3, 2011 (Thu)	February 2, 2012 (Thu), February 3, 2012 (Fri)	March 28, 2013 (Thu), March 29, 2013 (Fri)	February 24, 2014 (Mon), February 25, 2014 (Tue)
Venue	Conference Room of MPWT Courtyard of MPWT's Dormitory in Ban Dongphosi Riverbank Protection Works Site in Ban Dongphosi (JICA Development Study)	Laoluang Resort - Restaurant (February 2, 2012) Pilot Construction Site at Ban Paoy (February 3, 2012) Sites on Riverbank Protection Works in Tonpeung District (February 3, 2012)	Pakxan Hotel, Bolikhamsay Province (March 28, 2013) Pilot Construction Site at Ban Pakthoay (March 29, 2013) Existing Riverbank Protection Works at the River Mouth of Namxan River (March 29, 2013)	Sokphanhkhom Hotel, Luangprabang Province (February 24, 2014) Pilot Construction Site at Ban Nasa (February 25, 2014)
Participants	37 Participants (DoW: 6, Provincial DPWT: 20, JICA Laos: 2, JICA Expert to MPWT: 1, JICA Experts delegated for the Project: 7, Interpreter: 1)	40 Participants (DoW: 6, Provincial DPWT: 21, JICA Laos: 2, JICA Expert to MPWT: 1, JICA Experts delegated for the Project: 8, Assistant: 1, Interpreter: 1)	35 Participants (DoW: 7, Provincial DPWT: 23, JICA Expert to MPWT: 1, JICA Expert delegated for the Project: 4)	29 Participants (DoW: 7, Provincial DPWT: 16, JICA Laos: 1, JICA Experts delegated for the Project: 4, Interpreter: 1)
Agenda	<p>The 1st day: March 2, 2011 (Wed)</p> <p>&lt;08:30 - 09:00&gt; Registration</p> <p>&lt;09:00 - 09:15&gt; Keynote Opening <i>Mr. Vanthong SOMPAVATH, Vice Director General</i></p> <p>&lt;09:15 - 09:25&gt; Introduction of 2-day's Activity <i>Mr. Souksavanh THITHAVONG, Project Manager</i></p> <p>&lt;09:25 - 09:40&gt; Brief Introduction of Phase II Project <i>Mr. Taketoshi MATSUNAGA, Chief Adviser</i></p> <p>&lt;09:40 - 10:00&gt; Introduction of Traditional Riverbank Protection Works in Vientiane <i>Mr. Phomexay SOULIYAVONG, DPWT Vientiane Capital</i></p> <p>&lt;10:00 - 10:15&gt; Introduction of Traditional Riverbank Protection Works in Bokeo <i>Mr. Khamphong PHOMMACHANH, DPWT Bokeo Province</i> <i>Supported by Mr. Kazumitsu MURAOKA, JICA Expert in MPWT</i></p> <p>&lt;10:15 - 12:00&gt; Site Visit Demonstration on Assembling of Soda Mattress (Part I) <i>Supervised by Mr. Shingo OHASHI, Expert on Traditional Riverbank Protection/ Construction Advice</i></p> <p>&lt;12:00 - 13:30&gt; Lunch</p> <p>&lt;13:30 - 16:00&gt; Site Visit Demonstration on Assembling of Soda Mattress (Part II) <i>Supervised by Mr. Shingo OHASHI, Expert on Traditional Riverbank Protection/ Construction Advice</i> Riverbank Protection Work Site in Ban Dongphosi (JICA Development Study) <i>Introduced by Ms. Ikuko KAWABATA, Expert on River Vegetation Works/ Maintenance</i></p> <p>&lt;16:00 - 16:15&gt; Closing</p> <p>The 2nd day: March 3, 2011 (Thu)</p> <p>&lt;08:30 - 08:40&gt; Assemble at DPWT Bokeo</p> <p>&lt;08:40 - 09:00&gt; Move to the Site (Ban Paoy)</p> <p>&lt;09:00 - 09:50&gt; Methods of River Bank Protection Works and Their Requirements <i>Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT</i> <i>Supported by Dr. Hideki OTSUKI, Vice Chief Adviser</i></p> <p>&lt;09:50 - 10:40&gt; Geological and/or Soil Condition of Riverbank and its Countermeasure <i>Instructor: Mr. Som Ock MANICHANH, DPWT Bokeo Province</i> <i>Supported by Mr. Mitsuhiro TOKUSU, Expert on Geological Survey</i></p> <p>&lt;10:40 - 11:00&gt; Coffee Break</p> <p>&lt;11:00 - 11:50&gt; Site Selection Procedure and Case Study in Three Provinces &lt;11:00 - 11:10&gt; Situation of riverbank erosion in Bokeo <i>Mr. Som Ock MANICHANH, DPWT Bokeo Province</i> &lt;11:10 - 11:20&gt; Situation of riverbank erosion in Bolikhamsay <i>Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamsay Province</i> &lt;11:20 - 11:30&gt; Situation of riverbank erosion in Lungphabang <i>Mr. Sombath CHAREUNPHONE, DPWT Luangprabang Province</i> &lt;11:30 - 11:50&gt; Site Selection Procedure and Case Study in Three Provinces <i>Instructor: Mr. Kongmy XAIYASOUK, DoW, MPWT</i> <i>Supported by Mr. Taketoshi MATSUNAGA, Chief Adviser</i></p> <p>&lt;11:50 - 13:20&gt; Lunch</p> <p>&lt;13:20 - 14:10&gt; Selection of Work Method for Selected Sites in Each Province <i>Instructor: Mr. Anouxay MONGKHOUN, DoW, MPWT</i> <i>Supported by Dr. Rokuro KOBAYASHI, Expert on River Engineering/ Riverbank Protection Planning &amp; Design/ Topographic Survey</i></p> <p>&lt;14:10 - 15:00&gt; Necessity of Sediment Hydraulics for Designing River Bank Protection Works <i>Instructor: Dr. Hideki OTSUKI, Vice Chief Adviser</i></p> <p>&lt;15:00 - 15:20&gt; Coffee Break</p> <p>&lt;15:20 - 16:10&gt; Introduction to Soda Mattress <i>Instructor: Dr. Rokuro KOBAYASHI, Expert on River Engineering/ Riverbank Protection Planning &amp; Design/ Topographic Survey</i></p> <p>&lt;16:10 - 16:30&gt; Ceremony on Granted Equipments from JICA for Phase II Project <i>Mr. Vanthong SOMPAVATH, Vice Director General</i></p> <p>&lt;16:30 - 16:45&gt; Closing</p>	<p>The 1st day: February 2, 2012 (Thu)</p> <p>&lt;08:30 - 09:00&gt; Registration</p> <p>&lt;09:00 - 09:10&gt; Keynote Opening <i>Mr. Houngla SENGMUANG, Director General of DoW, MPWT</i> <i>Project Director of Phase II</i></p> <p>&lt;09:10 - 09:20&gt; Greeting from JICA <i>Ms. Yoko HATTORI, Representative, JICA Laos Office</i></p> <p>&lt;09:20 - 10:00&gt; Introduction of Pilot Construction at Ban Paoy, Bokeo Province <i>Instructor: Mr. Souksavanh THITHAVONG, DoW, MPWT</i> <i>Project Manager of Phase II</i></p> <p>&lt;10:00 - 10:40&gt; River Restoration in Japan (Outcome of Training in Japan) <i>Instructor: Mr. Som Ock MANICHANH, DPWT Bokeo Province</i></p> <p>&lt;10:40 - 11:10&gt; Site Selection for Pilot Construction in Bolikhamsay Province <i>Instructor: Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamsay Province</i></p> <p>&lt;11:10 - 11:30&gt; Site Selection for Khammouane Province <i>Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT</i></p> <p>&lt;11:30 - 13:00&gt; Lunch</p> <p>&lt;13:00 - 13:40&gt; Manual on Survey and Planning for Riverbank Protection Works <i>Instructor: Mr. Khamphoiy LEEFHUNG, DoW, MPWT</i></p> <p>&lt;13:40 - 14:20&gt; Introduction of Riverbank Protection Works at Dok Ngju Kham <i>Instructor: Mr. Viensavanh PHASAVATH, Project Manager of Dok Ngju Kham Project</i></p> <p>&lt;14:20 - 14:40&gt; Coffee Break</p> <p>&lt;14:40 - 15:20&gt; Monitoring, Evaluation and Maintenance of Riverbank Protection Works <i>Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province</i></p> <p>&lt;15:20 - 16:00&gt; Introduction of Equipments for River Works <i>Instructor: Mr. Anouxay MONGKHOUN, DoW, MPWT</i></p> <p>The 2nd day: February 3, 2012 (Fri)</p> <p>&lt;08:30 - 08:40&gt; Assemble at DPWT Bokeo</p> <p>&lt;08:40 - 09:00&gt; Move to the Site (Ban Paoy)</p> <p>&lt;09:00 - 10:20&gt; Site Visit (Ban Paoy)</p> <p>&lt;10:20 - 10:30&gt; Move to the Restaurant</p> <p>&lt;10:30 - 11:30&gt; General Discussion on Riverbank Protection at Each Province <i>Facilitator: Mr. Taketoshi MATSUNAGA, Chief Adviser</i></p> <p>&lt;11:30 - 11:40&gt; Closing Address <i>Mr. Somboun KERTKONG, Deputy Director of DPWT Bokeo Province</i></p> <p>&lt;11:50 - 12:30&gt; Lunch</p> <p>&lt;12:30 - 16:30&gt; Site Visit (Riverbank Protection Works in Tonpeung District)</p>	<p>The 1st day: March 28, 2013 (Thu)</p> <p>&lt;08:30 - 09:00&gt; Registration</p> <p>&lt;09:00 - 09:15&gt; Keynote Opening <i>Mr. Houngla SENGMUANG, Director General of DoW, MPWT</i> <i>Project Director of Phase II</i></p> <p>&lt;09:15 - 09:20&gt; Greeting from JICA <i>Mr. Noriyuki MORI, JICA Expert/ Planning Advisor to Cabinet Office of MPWT</i></p> <p>&lt;09:20 - 10:10&gt; Basic Concept of Countermeasures on Riverbank Erosion <i>Instructor: Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamsay Province</i></p> <p>&lt;10:10 - 10:30&gt; Coffee Break</p> <p>&lt;10:30 - 11:20&gt; Construction Work at Pakthoay <i>Instructor: Mr. Khamphoiy LEEFHUNG, DoW, MPWT</i></p> <p>&lt;11:20 - 13:00&gt; Lunch</p> <p>&lt;13:00 - 13:50&gt; Procedure of Deciding the Design Velocity at Pakthoay <i>Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT</i></p> <p>&lt;13:50 - 14:25&gt; Site Selection for Pilot Construction in Luangprabang Province <i>Instructor: Mr. Sombath CHAREUNPHONH, DPWT Luangprabang Province</i></p> <p>&lt;14:25 - 14:50&gt; Site Selection for Oudomxay Province <i>Instructor: Mr. Souksavanh THITHAVONG, DoW, MPWT</i> <i>Project Manager of Phase II</i></p> <p>&lt;14:50 - 15:10&gt; Coffee Break</p> <p>&lt;15:10 - 16:00&gt; Monitoring, Evaluation and Maintenance of Riverbank Protection Works <i>Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province</i></p> <p>The 2nd day: March 29, 2013 (Fri)</p> <p>&lt;08:30 - 08:40&gt; Assemble at Pakxan Hotel</p> <p>&lt;08:40 - 09:00&gt; Move to Ban Pakthoay</p> <p>&lt;09:00 - 10:30&gt; Site Visit (Ban Pakthoay) <i>Introduced by Mr. Souksavanh THITHAVONG, DoW, MPWT</i> <i>Project Manager of Phase II</i></p> <p>Demonstration on Cobble Stone with Soda Works <i>Supervised by Mr. Yoshiharu HASEGAWA, Expert on Traditional Riverbank Protection/ Construction Advice</i></p> <p>&lt;10:30 - 10:50&gt; Move to Pakxan</p> <p>&lt;10:50 - 12:30&gt; Site Visit to Existing Riverbank Protection Works at the River Mouth of Namxan River</p> <p>&lt;12:30 - 12:40&gt; Closing Address at Pakxan Hotel <i>Mr. Nouansavanh SENGMANY, Director General of DPWT Bolikhamsay Province</i></p> <p>&lt;12:40 - 14:00&gt; Lunch</p>	<p>The 1st day: February 24, 2014 (Mon)</p> <p>&lt;08:30 - 09:00&gt; Registration</p> <p>&lt;09:00 - 09:15&gt; Keynote Opening <i>Mr. Houngla SENGMUANG, Director General of DoW, MPWT</i> <i>Project Director of Phase II</i></p> <p>&lt;09:15 - 09:30&gt; Greeting from JICA <i>Ms. Akiko KISHIUE, Representative, JICA Laos Office</i></p> <p>&lt;09:30 - 10:20&gt; River Management, Japanese Experience and Prospect in Lao P.D.R. <i>Instructor: Mr. Tatsuo HAMAGUCHI, Advisor on River Administration</i></p> <p>&lt;10:20 - 10:40&gt; Coffee Break</p> <p>&lt;10:40 - 11:20&gt; Procedure of Deciding the Design Velocity at Nasa <i>Instructor: Ms. Moukmany VANNASY, DoW, MPWT</i></p> <p>&lt;11:20 - 12:00&gt; Detailed Design for Riverbank Protection Works at Ban Nasa, Luangprabang Province <i>Instructor: Mr. Khamphoiy LEEFHUNG, DoW, MPWT</i></p> <p>&lt;12:00 - 13:40&gt; Lunch</p> <p>&lt;13:40 - 14:10&gt; Construction Work at Ban Nasa, Luangprabang Province <i>Instructor: Mr. Sombath CHAREUNPHONH, DPWT Luangprabang Province</i></p> <p>&lt;14:10 - 14:40&gt; Construction Management <i>Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT</i></p> <p>&lt;14:40 - 15:00&gt; Monitoring, Evaluation and Maintenance of Riverbank Protection Works at Ban Paoy, Bokeo Province <i>Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province</i></p> <p>&lt;15:00 - 15:20&gt; Coffee Break</p> <p>&lt;15:20 - 15:40&gt; Monitoring, Evaluation and Maintenance of Riverbank Protection Works at Ban Pakthoay, Bolikhamsay Province <i>Instructor: Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamsay Province</i></p> <p>&lt;15:40 - 16:00&gt; Discussion</p> <p>The 2nd day: February 25, 2014 (Tue)</p> <p>&lt;08:40 - 09:00&gt; Assemble at DPWT Luangprabang</p> <p>&lt;09:00 - 09:30&gt; Move to Ban Nasa</p> <p>&lt;09:30 - 11:00&gt; Site Visit (Ban Nasa)</p> <p>&lt;11:00 - 11:30&gt; Back to Luangprabang Center</p> <p>&lt;11:30 - 11:40&gt; Closing Address in Sokphanhkhom Hotel in the Center of LPB <i>Mr. Houngla SENGMUANG, Director General of DoW, MPWT</i> <i>Project Director of Phase II</i></p> <p>&lt;11:40 - 13:00&gt; Lunch</p>

**Legend**

- Survey & Planning**
- Design & Construction**
- Monitoring, Evaluation & Maintenance**
- River Engineering/ River Management**
- Special Program**

ເອກກະສານຊ້ອນທ້າຍ-3 (a)      ກອງປະຊຸມ ສໍາມະນາດ້ານວິຊາການ  
ຄັ້ງທີ 1 (2 – 3 ມີນາ 2011)

## **The Project on Riverbank Protection Works Phase II**

### **Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management**

#### **Context:**

A training session will be held on the selection procedure of the site to be protected and the best riverbank protection works based on the results of surveys in Bokeo Province, Luangprabang Province, and Bolikhamxay Province and construction work comparison. C/P officials shall serve as instructor for the above mentioned programs.

At the same time, seminar mainly for C/P officials on river engineering and river management regarding riverbank protection work project will be held. Japanese Consultants will serve as instructor for these programs.

Furthermore, a demonstration on assembling of Soda mattress, one of the typical traditional riverbank protection works, will be held for participants of Lao engineers.

**Date:** March 2, 2011 (Wed), March 3, 2011 (Thu)

**Venue:** Conference Room of MPWT  
Courtyard of MPWT's Dormitory in Ban Dongphosi  
Riverbank Protection Works Site in Ban Dongphosi (JICA Development Study)

#### **Agenda:**

##### ***March 2, 2011 (Wed)***

<08:30 – 09:00> Registration

<09:00 – 09:15> Keynote Opening

Mr. Vanthong SOMPAVATH, Vice Director General

<09:15 – 09:25> Introduction of 2-day's Activity

Mr. Souksavanh THITHAVONG, Project Manager

<09:25 – 09:40> Brief Introduction of Phase II Project

Mr. Taketoshi MATSUNAGA, Chief Adviser

- <09:40 – 10:00> Introduction of Traditional Riverbank Protection Works in Vientiane  
Mr. Phomexay SOULIYAVONG, DPWT Vientiane Capital
- <10:00 – 10:15> Introduction of Traditional Riverbank Protection Works in Bokeo  
Mr. Khampong PHOMMACHANH, DPWT Bokeo Province  
Supported by Mr. Kazumitsu MURAOKA, JICA Expert in MPWT
- <10:15 – 12:00> Site Visit  
Demonstration on Assembling of Soda Mattress (Part I)  
Supervised by Mr. Shingo OHASHI, Expert on Traditional  
Riverbank Protection/ Construction Advice
- <12:00 – 13:30> Lunch
- <13:30 – 16:00> Site Visit  
Demonstration on Assembling of Soda Mattress (Part II)  
Supervised by Mr. Shingo OHASHI, Expert on Traditional  
Riverbank Protection/ Construction Advice  
Riverbank Protection Work Site in Ban Dongphosi (JICA Development Study)  
Introduced by Ms. Ikuko KAWABATA, Expert on River Vegetation  
Works/ Maintenance
- <16:00 – 16:15> Closing

***March 3, 2011 (Thu)***

- <09:00 – 09:50> Methods of River Bank Protection Works and Their Requirements  
Instructor: Mr. Phimmason SENGSOURIYAVONG, DoW, MPWT  
Supported by Dr. Hideki OTSUKI, Vice Chief Advisor
- <09:50 – 10:40> Geological and/or Soil Condition of Riverbank and its Countermeasure  
Instructor: Mr. Som Ock MANICHANH, DPWT Bokeo Province  
Supported by Mr. Mitsuhiro TOKUSU, Expert on Geological Survey
- <10:40 – 11:00> Coffee Break
- <11:00 – 11:50> Site Selection Procedure and Case Study in Three Provinces
- <11:00 – 11:10> Situation of riverbank erosion in Bokeo  
Mr. Som Ock MANICHANH, DPWT Bokeo Province
- <11:10 – 11:20> Situation of riverbank erosion in Bolikhamxay  
Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamxay Province
- <11:20 – 11:30> Situation of riverbank erosion in Lungpharbang  
Mr. Sombath CHAREUNPHONE, DPWT Luangprabang Province

- <11:30 – 11:50> Site Selection Procedure and Case Study in Three Provinces  
 Instructor: Mr. Kongmy XAIYASOUK, DoW, MPWT  
 Supported by Mr. Taketoshi MATSUNAGA, Chief Adviser
- <11:50 – 13:20> Lunch
- <13:20 – 14:10> Selection of Work Method for Selected Sites in Each Province  
 Instructor: Mr. Anouxay MONGKHOUN, DoW, MPWT  
 Supported by Dr. Rokuro KOBAYASHI, Expert on River Engineering/  
 Riverbank Protection Planning & Design/ Topographic Survey
- <14:10 – 15:00> Necessity of Sediment Hydraulics for Designing River Bank  
 Protection Works  
 Instructor: Dr. Hideki OTSUKI, Vice Chief Advisor
- <15:00 – 15:20> Coffee Break
- <15:20 – 16:10> Introduction to Soda Mattress  
 Instructor: Dr. Rokuro KOBAYASHI, Expert on River Engineering/  
 Riverbank Protection Planning & Design/ Topographic Survey
- <16:10 – 16:30> Ceremony on Granted Equipments from JICA for Phase II Project  
 Mr. Vanthong SOMPAVATH, Vice Director General
- <16:30 – 16:45> Closing

**Participant:**

[Lao Side]

Concerned Person from Department of Waterways, MPWT  
 Concerned Person from Bokeo Province, DPWT  
 Concerned Person from Luangprabang Province, DPWT  
 Concerned Person from Bolikhamxay Province, DPWT  
 Concerned Person from Vientiane Capital, DPWT  
 Concerned Person from Other Provincial DPWT

[Japanese Side]

JICA Experts for Phase II and Project Coordinator  
 Concerned Person from JICA Laos Office

[Press]

Vientiane Times  
 Vientiane Mai

[Media]

Lao TV

**Expense:**

Conference Expenses: by Consultant Team

Transportation Fees from Province to Vientiane (based on MPWT's regulation):

by Consultant Team

Transportation from MPWT to the Sites (Car Rental): by Consultant Team

Per Diem and Accommodation Fees (based on MPWT's regulation):

by Consultant Team

Lunch (March 2): by Consultant Team (at Site)

Lunch (March 3): by Consultant Team

PARTICIPANTS LIST				
AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management			
DATE	March 2, 2011 (Wed), March 3, 2011 (Thu)			
PLACE	MPWT Meeting room			
NO.	NAME	ORGANIZATION	POSITION/TITLE	TEL or E-MAIL
1	MR KHUM KHAN Lounma	DPWT S/V	engineer	020 2210759
2	Mr. Sombeth Chareunphonh	DPWT. L.P.B	Deputy Project manager	020 2253 8877
3	Mr Soukkesak Sinouphan	DPWT L.P.B	OFFICER	020 55670617
4	M XAIKHAM XAYSAVANH	DPWT Mondulkeham	OFFICER	020 55454754
5	Mr Bounlay Phaxuly	DPWT KM		02056437666
6	Mr Viladeth Phongsavath	DPWT Sava	Deputy office water way	020 99991130
7	MR Sithon VONGCHANKHAM	DPWT L.N.T	engineer	22549999
8	Mr Khamphong PHOMMACHANH	DPWT Boleo	engineer	55607077
9	Mr. Somrak MANICHANH	DPWT Boleo	Deputy Project manager	223 84687 - 55784687 Somnch@yahoo.com
10	Mr Sone VONGKHAMTHONG	DPWT Houaphan	engineer	22349876
11	Mr Phongsay SOULIVONG	DPWT.VT	engineer	22086161
12	Mr Bounlird Sava Toth	DPWT Phongsaly	engineer	55193374
13	Mr: Somphone CHANTHAVONG	DPWT Xiengkhouang	engineer	55660031
14	Mr Am Phone Symany	DPWT Attapu	engineer	
15	Mr. Sazarem Saek Chanthavong	DPWT Oudomxay	deputy office water way	55680643

Appendix-3-7

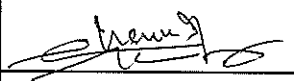
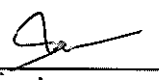
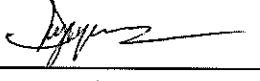



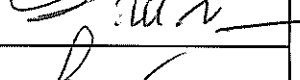
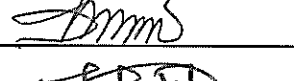
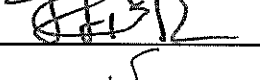
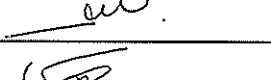
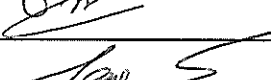
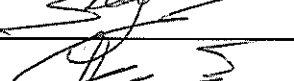
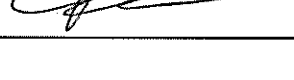
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PARTICIPANTS LIST				
AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management			
DATE	March 2, 2011 (Wed), March 3, 2011 (Thu)			
PLACE	MPWT Meeting room			
NO.	NAME	ORGANIZATION	POSITION/TITLE	TEL or E-MAIL
1	Mr. Inthava Senthachan	DPWT Saravali	Engineer	98887257
2	Mr. Keopasenth KEOMANYVONG	DPWT Xetong	Deputy Road and Bridge	22296999
3	Mr. Vanthong Somphavath			
4	TakeToshi Matsunaga	NEWJEC	Chief Advisor	5670-3941
5	Hideki Otsuki	— n —	Vice Chief Advisor	5955-4768
6	Rokuro Kobayashi	— n —	River Engineering	5566-8537
7	Mitsuhiko Tokusa	— n —	Geological Engineer	5955-4756
8	Ikuiko Kawabata	— n —	Vegetation Engineer	kawabata@newjec.jp
9	Shingo Ohashi	— n —	Soda Expert	—
10	Keiichi Inoue	— n —	Coordinator	5955-4769
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ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ ໂຄງການປ້ອງກັນຕະຝັ່ງເຈື່ອນ ຊ່ວງ 2

ຄັ້ງວັນທີ 2-3/3/2011 ທີ່ ຫ້ອງປະຊຸມ ກະຊວງ ໂຍທາທິການ ແລະ ຂົນສົ່ງ

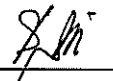
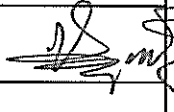
ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ມາຈາກພາກສ່ວນ	ເບີໂທ	E-Mail	ລາຍເຊັນ
1	ທ. ສິມບຸລາ ວະເລີຍພິມ.	ຍ.ທ.ຂ. ຫຼວງພະບາງ	22538877		
2	- ສຸກກະ ວິມ ວິສຸພັນ.		55620612		
3	ທ. ສົມຈິນ ພະມິສິມ	ຍທຂ ບໍ່ແກ້ວ	22384687 55784687	SOMNCH@yahoo.com	
4	ທ. ອິນທະບາງ ແກວທະລີ	ຍທຂ ສາລະວັນ	98767757		
5	ທ. ກິມມິ/ສີ ກິມມະລິນ	ຍທຂ ສາລະວັນ	22296999	k.keomamyvang@yahoo.com	
6	ທ. ອິນທະ ສິມມະ	ຍທຂ ແກ້ວເກີດ	54737222		
7	ທ. ສິມມະ ສິມມະ	ຍ.ທ.ຂ ສາ/ຂ	22310759		
8	ທ. ສິມມະ ວິຈິນ	ຍທຂ ຫຼວງພັກ	22549999		
9	ທ. ມຸລະກິດກະ Mr.Kazumitsu.MURAKA	ຍທຂ. JICA Expert	55509255		
10	ທ. ສິມມະ ສິມມະ	ຍທຂ ສາ/ຂ	55351837		
11	ທ. ບຸນທຳພອນ ວິຈິນ	ສາ/ຂ	26437666		
12	ທ. ສິມມະ ສິມມະ	ຍທຂ ບໍ່ແກ້ວ	22332279		
13	ທ. ສິມມະ ສິມມະ	ຍທຂ ບໍ່ແກ້ວ	55753867		

Appendix-3-9

ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ ໂຄງການປ້ອງກັນຕະຝັ່ງເຈື່ອນ ຊ່ວງ 2

3/2

ຄັ້ງວັນທີ 2-3/3/2011 ທີ່ ຫ້ອງປະຊຸມ ກະຊວງ ໂຍທາທິການ ແລະ ຂົນສົ່ງ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ມາຈາກພາກສ່ວນ	ເບີໂທ	E-Mail	ລາຍເຊັນ
14	ທ່ານ ຊາຍຄຳ ໄຊສະຫວັນ	ຄ/ທ.ຂ. ແຂວງວຽງຈັນ	55454754		
15	ທ່ານ ໄກ່ທອງ ອາທຸນ	ບ.ກ.2 ຕະຫຼົບສີຄົງ	22821093	AkayThong@yachoo.com	
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PARTICIPANTS LIST				
AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management			
DATE	March 2, 2011 (Wed), March 3, 2011 (Thu)			
PLACE	MPWT Meeting room			
NO.	NAME	ORGANIZATION	POSITION/TITLE	TEL or E-MAIL
1	Mr: Somphone CHANTHAVONG	Xieng Khouang	engineer.	55 660031
2	Mr: Boumkind SAYATETH	Phoig saly	engineer	55 19 3314.
3	Mr Am PHON SYMANY	Attapu	engineer	54737 222
4	Mr: Salueng Sath Chanthavong	Oudomxai	engineer	55680 643
5	Mr: Inthava Santha Chan	Saravon	engineer	9876 7757
6	Mr Sone Vongkhamthong	Huaphan.	Engineer	22349876
7	Mr Kaythong Anousin	DPWT Bolikhamxay	Deputy Director	22821093.
8	Mr Keo Oudone Luang souvanavong	DPWT (BKX)	Head Waterway	55753865
9	Mr Khamphong THEPKHAMHEUNG	DPWT Bolikhamxay	Deputy of Project Manager	22332279.
10	Mr. Keopaseuth KEOMANYVONG	DPWT Xekong	Deputy Road and waterway	22296999
11	Mr. Phonesaiy SOULIXAVONG	DPWT. V.T	Engineer	22086161
12	Mr. Sithon VONGCHANKHAM	DPWT. L.N.T	— — —	22549999
13	Mr. Khamphong PHOMMACHANH	DPWT. Bokeo	— — —	55607077
14	Mr. Somock MANICHANTH	DPWT Bokeo	Deputy of project Manager River Bank Protection	22384687 55784687
15	Mr. Soulivanh Sithprasay	Interpreter		55599809 ssithprasay@yahoo.com

PARTICIPANTS LIST				
AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management			
DATE	March 2, 2011 (Wed), March 3, 2011 (Thu)			
PLACE	MPWT Meeting room			
NO.	NAME	ORGANIZATION	POSITION/TITLE	TEL or E-MAIL
1	Mr Saekkasanh Si Soeyhanh.	DPWT-LPB	office	55620612
2	Mr. BOUNTAY Phouxyavong	DPWT Khammouan	Chief Engineer	56437666
3	Mr Khoun Fanh Laxasimma	DPWT Champasak	official.	55351837
4	Mr xai Kham xay Savant	DPWT Vientian	official.	55454754-
5	Mr. Khoun Khamboumma	DPWT Sarannakhet	engineer	22210759
6	Mr. Souvath. Chareunphonh	D.P.W.T L.P.B.	Deputy Project	22538877
7	Mr. Viladeth Phongsavath	D.P.W.T Saya	Deputy of water way	office 99991130
8	Mr. Sithon VONGCHANHAM	DPWT L.N.T	Engineer	22549999
9	Mr. T. Matsumaga	JICA Expert	Chief Advisor	5670-3941
10	Mr. Hideki Otsuki	— n —	Vice-Chief Advisor	5955-7768
11	Mr. Rokuro Kobayashi	— n —	River Engineering	5566-8537
12	Mr. Mitsuhiro Tokusu	— n —	Geological Expert	5955-7756
13	Ms. Ikuko Kawabata	— n —	Vegetation Expert	kawabata@rewjeco.jp
14	Mr. Shingo Ohashi	— n —	Soda Expert	—
15	Mr. Keiichi Inoue	— n —	Project Coordinator	5955-7769

PARTICIPANTS LIST				
AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II Training Session and Seminar on Survey and Planning of Riverbank Protection Work, River Engineering and River management			
DATE	March 2, 2011 (Wed), March 3, 2011 (Thu)			
PLACE	MPWT Meeting room			
NO.	NAME	ORGANIZATION	POSITION/TITLE	TEL or E-MAIL
1	Mr. Yoshiharu Yoneyama	JICA Laos	Senior Representative	5552-0723
2	Mr. Kazumitsu Muraoka	MPWT, JICA Expert	JICA Expert	5550-9255
3	Ms. Yoko Hattori	JICA Laos	Representative	21-2411-00
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ເອກກະສານຊ້ອນທ້າຍ-3 (b)      ກອງປະຊຸມ ສໍາມະນາດ້ານວິຊາການ  
ຄັ້ງທີ 2 (2 – 3 ກຸມພາ 2012)

## The Project on Riverbank Protection Works Phase II

### Training Session and Seminar for “Design and Construction of Riverbank Protection Works”, “Monitoring, Evaluation and Maintenance” and “River Engineering and River Management”

#### Context:

With respect to the design and construction of the riverbank protection work selected for Ban Paoy, Bokeo Province, we plan to hold seminar covering primary points of design and construction with emphasis on observing the construction site under way. The survey/planning methodology from the design to construction will be included as subjects to be discussed during such training session/seminar.

Two day program inviting whole Lao provincial participants will be planned combining one day lectures and half-day site visits.

This seminar will be held in Bokeo Province in parallel with the seminar on “monitoring, evaluation and maintenance” and training session on “river engineering and river management”.

**Date:** February 2, 2012 (Thu), February 3, 2012 (Fri)

**Venue:** Laoluang Resort - Restaurant (February 2, 2012)  
Pilot Construction Site at Ban Paoy (February 3, 2012)  
Sites on Riverbank Protection Works in Tonpeung District (February 3, 2012)

#### Agenda:

##### *The 1<sup>st</sup> day: February 2, 2012 (Thu)*

<08:30 – 09:00> Registration

<09:00 – 09:10> Keynote Opening

Mr. HOUNGLA SENGMUANG, Director General of DoW, MPWT  
Project Director of Phase II

<09:10 – 09:20> Greeting from JICA

Ms. YOKO HATTORI, Representative, JICA Laos Office

- <09:20 – 10:00> Introduction of Pilot Construction at Ban Paoy, Bokeo Province  
 Instructor: Mr. Souksavanh THITHAVONG, DoW, MPWT  
 Project Manager of Phase II
- <10:00 – 10:40> River Restoration in Japan (Outcome of Training in Japan)  
 Instructor: Mr. Som Ock MANICHANH, DPWT Bokeo Province
- <10:40 – 11:10> Site Selection for Pilot Construction in Bolikhamxay Province  
 Instructor: Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamxay Province
- <11:10 – 11:30> Site Selection for Khammouane Province  
 Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT
- <11:30 – 13:00> Lunch
- <13:00 – 13:40> Manual on Survey and Planning for Riverbank Protection Works  
 Instructor: Mr. Khamphoiuy LEEFHUNG, DoW, MPWT
- <13:40 – 14:20> Introduction of Riverbank Protection Works at Dok Ngiu Kham  
 Instructor: Mr. Viensavanh PHASAVATH, Project Manager of Dok Ngiu Kham  
 Project
- <14:20 – 14:40> Coffee Break
- <14:40 – 15:20> Monitoring, Evaluation and Maintenance of Riverbank Protection  
 Works  
 Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province
- <15:20 – 16:00> Introduction of Equipments for River Works  
 Instructor: Mr. Anouxay MONGKHOUN, DoW, MPWT

***The 2<sup>nd</sup> day: February 3, 2012 (Fri)***

- <08:30 – 08:40> Assemble at DPWT Bokeo
- <08:40 – 09:00> Move to the Site
- <09:00 – 10:20> Site Visit
- <10:20 – 10:30> Move to the Restaurant
- <10:30 – 11:30> General Discussion on Riverbank Protection at Each Province  
 Facilitator: Mr. Taketoshi MATSUNAGA, Chief Adviser
- <11:30 – 11:40> Closing Address  
 Mr. Somboun KERTKONG, Deputy Director of DPWT Bokeo Province
- <11:50 – 12:30> Lunch
- <12:30 – 16:30> Site Visit (Riverbank Protection Works in Tonpeung District)
- <16:30 – 17:30> Friendship Football Match  
 DPWT Bokeo Province & Project Team VS Provincial Team



**Participant:**

[Lao Side]

Concerned Person from Department of Waterways, MPWT  
Concerned Person from Bokeo Province, DPWT  
Concerned Person from Luangprabang Province, DPWT  
Concerned Person from Bolikhamxay Province, DPWT  
Concerned Person from Vientiane Capital, DPWT  
Concerned Person from Other Provincial DPWT

[Japanese Side]

JICA Experts for Phase II and Project Coordinator  
JICA Expert/ Planning Advisor to Cabinet Office of MPWT  
Concerned Person from JICA Laos Office

[Press]

Vientiane Times (Provide Information)  
Local Newspaper in Bokeo Province (Provide Information)

**Expense:**

Conference Expenses: by Consultant Team  
Transportation Fees to Bokeo Province (based on MPWT's regulation):  
by Consultant Team  
Transportation from DPWT Bokeo to the Site: by Consultant Team  
Per Diem and Accommodation Fees (based on MPWT's regulation):  
by MPWT  
Lunch (February 2): by Consultant Team  
Lunch (February 3): by Consultant Team

**The Project on Riverbank Protection Works Phase II**  
**Training Session and Seminar for “Design and Construction of Riverbank Protection Works”,**  
**“Monitoring, Evaluation and Maintenance” and “River Engineering and River Management”**  
**2 - 3 February 2012**

**Participants list**

No.	Name	Organization/ Position	Contact Address	Position in Seminar	Remark
<b>I DoW, MPWT</b>					
1	Mr. Houngla Sengmuang	Director General	020 22220435	Keynote Opening Speaker	
2	Mr. Viengsavanh Phasavath	Project Manager, Dok Ngiu Kham Project	020 22228898	Presenter	
<b>II Counterpart (DoW, MPWT)</b>					
3	Mr. Souksavanh Thithavong	Project Manager	020 55668531	Presenter	
4	Mr. Khamphaiy Leefoung	Technical Staff	020 55338377	Presenter	
5	Mr. Phimmason Sengsouriyavong	Technical Staff	020 22228820	Presenter	
6	Mr. Anouxay Mongkhoun	Technical Staff	020 22622555	Presenter	
<b>III Counterpart (Provincial DPWT)</b>					
7	Mr. Phonesay Souliyavong	DPWT Vientiane Capital	020 2208616 Phonesay07@yahoo.com		
8	Mr. Somock Manichan	DPWT Bokeo	020 22384687 somnch@yahoo.com	Presenter	
9	Mr. Deth Oudom Heuanmisavath	DPWT Bokeo	020 55483500 Dethoudom@hotmail.com	Presenter	
10	Mr. Soukkasanh Sisouphan	DPWT Luangprabang	55670617		
11	Mr. Sombath Chaleunphonh	DPWT Luangprabang	020 22538877 Sombuth-chaleunphonh@hotmail.com		
12	Mr. Keoudone Luangsouvannavong	DPWT Bolikhamxay	020 22334468		
13	Mr. Khamphong Thepkhamheuang	DPWT Bolikhamxay	020 22332279	Presenter	
<b>IV Participants from Other Provinces</b>					
14	Mr. Phengsert Yeunsombat	DPWT Pongsaly	020 22241333 020 98866122		
15	Mr. Sithon Vongchankham	DPWT Luangnamtha	22549999		
16	Mr. Saleumsack Chathavong	DPWT Oudomxay	020 55680643, 081 312037 SLS.chanthavong@gmail.com		
17	Mr. Khamnoy Phansamai	DPWT Houaphan	020 23855678 Email: noi-8@hotmail.com		
18	Mr. Unith Fongmanyvanh	DPWT Sayabouly	020 22977737 Unith_t@yahoo.com		
19	Mr. Somphone Chanthavong	DPWT Xiengkhouang	020 55660031		
20	Mr. Soubanh Phantavong	DPWT Vientiane Pro.	020 22913944 023 211010		

**The Project on Riverbank Protection Works Phase II**  
**Training Session and Seminar for “Design and Construction of Riverbank Protection Works”,**  
**“Monitoring, Evaluation and Maintenance” and “River Engineering and River Management”**  
**2 - 3 February 2012**

**Participants list**

No.	Name	Organization/ Position	Contact Address	Position in Seminar	Remark
21	Mr. Keosongkham Mangkhala	DPWT Khammouan	020 55651859		
22	Mr. Phouthong Sidavong	DPWT Savannakhet	020 22311114 Phouthong 2011@hotmail.com		
23	Mr. Inthawa Senthachan	DPWT Salavan	020 98767757		
24	Mr. Viengngern Ladsaphong	DPWT Xekong	020 22299098 020 98855878		
25	Mr. Soukhaty Pounphamy	DPWT Champasak	020 54691003		
26	Mr. Thongsouk Apaiyalath	DPWT Attapeu	020 22200173 Souk_APL@yahoo.com		
V	DPWT Bokeo Province				
27	Mr. Somboun Kertkong	Deputy Director General		Closing Address Speaker	
VI	JICA Laos Office				
28	Ms. Yoko Hattori	Senior Representative	021 241100		
29	Ms. Monlatda Chanthavong	Representative	020 22492934		
VII	JICA Expert (MPWT)				
30	Mr. Noriyuki Mori	JICA Expert	020 59328311		
VIII	JICA Expert (Consultant Team)				
31	Mr. Taketoshi Matsunaga	Chief Adviser, NEWJEC	020 56703941	Facilitator	
32	Dr. Hideki Otsuki	Vice Chief Adviser, NEWJEC	020 59557768		
33	Mr. Mitsuhiro Tokusu	JICA Expert, NEWJEC	020 59557756		
34	Mr. Yoshihiro Miwa	JICA Expert, NEWJEC	020 58105962		
35	Mr. Tsutomu Kameyama	JICA Expert, Yachiyo Engineering	020 98906319		
36	Mr. Shingo Ohashi	JICA Expert, Shidacho Construction	020 55363297		
37	Ms. Ikuko Kawabata	JICA Expert, NEWJEC			
38	Mr. Sho Shibata	Project Coordinator, NEWJEC	020 59175570		
IX	Others				
39	Ms. Moukmany Vannasy	Secretary of Phase II Project	020 23330112		
40	Ms. Lamou Khounvith		020 22167461	Interpreter	

**Questionnaire on General Discussion on Riverbank Protection at Each Province**

03/February/2012, Bokeo Province

**1. Personal Information**

Name	
Province	
Organization	
Position	
Contact Address (Tel & Email)	

**2. Projects on Water Resource and River Development Plan**

Please describe the on-going or planning projects on water resource and river development at your province such as river bank protection, flood control and so on.

**3. Issues on River Bank Protection and Flood Control**

Please describe the issues on river bank protection at your province.

## Questionnaire on General Discussion on Riverbank Protection at Each Province

No.	Name	Province	Possion	Contact Address	Project on Water Resource and River Development Plan	Issues on River Bank Protection and Flood Control
7	Mr. Phonesay Souliyavong	DPWT Vientiane	Engineer	020 2208616 Phonesay07@yahoo.com	<ul style="list-style-type: none"> <li>- The problem Bank erosion in Ban Hathdokkeo, Hathsayfong district occur in underground (poor quality of the land)</li> <li>- Ban Thangon (Ngeum River), the problem of bank erosion along Num Ngeum river covering in many sites buy reasons of the fish tank which able to change the main flow</li> </ul>	<ul style="list-style-type: none"> <li>- The riverbank protection at Ban Hathdokeo, Hathsayfong district, length 1.5 Km</li> <li>- The riverbank protection at Ban Tangon, saythany district, Vientiane, length 10 Km</li> </ul>
8	Mr. somock Manichan	DPWT Bokeo	Deputy Director of Waterways Sector	020 22384687 sommch@yahoo.com	<ul style="list-style-type: none"> <li>- The construction Plan of bank protection in Hoeyxai district, length 7 Km, it's suitable for construe by Soda construction.</li> </ul>	<ul style="list-style-type: none"> <li>- Riverbank protection in Bokeo is very important issues and need to construct in each site, especially in the borders.</li> </ul>
9	Mr. Deth Oudom	DPWT Bokeo	Engineer	020 55483500 Dethoudom@hotmail.com	<ul style="list-style-type: none"> <li>- Need to protect the riverbank that suitable for each site and also follow up the 5 years plan along Mekong river and other rivers.</li> </ul>	<ul style="list-style-type: none"> <li>- Completion of The riverbank protection in Bokeo length 17Km.</li> </ul>
10	Mr. Soukkasanh Sisouphan	DPWT Luangpabang	Technical official	55670617	<ul style="list-style-type: none"> <li>- Wath pa bath tai (Mekong river) is very serious situation and need to protect the riverbank.</li> <li>- And also Na Sa ( Khan river) need to construction. in a hurry</li> </ul>	<ul style="list-style-type: none"> <li>- Along Mekong river: Ban Koi and Ban Pa bath</li> <li>- Along Num Khan: Ban Na sa and Ban Xeing lome</li> </ul>
11	Mr. Sombath Chaleunphonh	DPWT Luangpabank	Head office, Waterways Division	020 22538877 Sombuth-chaleunphonh@hotmail.com	<ul style="list-style-type: none"> <li>- Bank erosion made problems and difficulties to Luangpabang: in area of community, main road (national road), park and school as example.</li> </ul>	<ul style="list-style-type: none"> <li>- The project on riverbank protection in Ban Moud</li> <li>- The project on riverbank protection in Ban Suanluang (Na sa )</li> <li>- The project on riverbank protection in Ban Koy (Mekong River)</li> </ul>
12	Mr. Keoudone Luangsouvannavong	DPWT Borikhamxai	Head of Waterways Division	020 22334468	<ul style="list-style-type: none"> <li>- Mekong river</li> <li>- Num Ngiep</li> <li>- Num Xane</li> <li>- Num Kading</li> </ul>	<ul style="list-style-type: none"> <li>- Paksun district, 60 Km, 14 villages.</li> <li>- Bolikhan district 8 Km, 11 villages.</li> </ul>
13	Mr. Khamphong Thepkhamheuang	DPWT Borikhamxai			<ul style="list-style-type: none"> <li>- Mekong river</li> <li>- Num Ngiep</li> <li>- Num Xane</li> <li>- Num Kading</li> </ul>	<ul style="list-style-type: none"> <li>- Paksun district, 60 Km, 14 villages.</li> <li>- Bolikhan district 8 Km, 11 villages.</li> </ul>
14	Mr. Phengsert Yeunsombat	DPWT Pongsaly		020 22241333 020 98866122	<ul style="list-style-type: none"> <li>- There are problems from flooding and bank erosion in many areas as follows: Ban Numnga, Mai district, Ban Phonesavanh, Khoua district and Ban Hathsa, Phongsaly district, which were along Num Ou, Num Nga and Num Phark.</li> </ul>	<ul style="list-style-type: none"> <li>- About the problems need to start on bank protection work, however, no fund to support the construction work and make a request JICA to consider contribution fund for implementation the project.</li> </ul>

## Questionnaire on General Discussion on Riverbank Protection at Each Province

No.	Name	Province	Possion	Contact Address	Project on Water Resource and River Development Plan	Issues on River Bank Protection and Flood Control
15	Mr. Sithon Vongchankham	DPWT Luangnamtha	Engineer	22549999	<p>– Luangnamtha municipality and borders between districts have many problems from bank erosion along the river and also need to make plans for construction the protection work in that area.</p>	<p>The number of district that have damaged from bank erosion as follow:</p> <ul style="list-style-type: none"> <li>- Luangnamtha district</li> <li>- Sing district</li> <li>- Nalea district</li> <li>- Viengphoka district</li> </ul>
16	Mr. Saleumsack Chathavong	DPWT Oudomxay	Deputy Manager of the sector	020 55680643 081 312037 SLS.chanthavong@gmail.com	<p>– Need for construction the bank protection work and also flood control along the rivers such as: Num Kor, Num Mao (Xai district), Num Neng and Num Phark. People in the areas were bad effect by flooding in each year.</p>	<p>– The technique of Soda mattress that construction in Bokeo, it's also suitable in our province and fit in the plan which friendly with environment, low cost for construction and it can be use local material, therefore it also need to get more detail of the technique by JICA expert.</p> <p>– Number of river in the plan:</p> <ol style="list-style-type: none"> <li>1. Num Kor (provincial municipality)</li> <li>2. Num Mao</li> <li>3. Num Phark</li> </ol>
17	Mr. Khamnoy Phansamai	DPWT Houaphan	Technical official L	020 23855678 Email: noi-8@hotmail.com	<p>– There is bank erosion along Num Sum, Sum tai district, length about 800 m</p> <p>– Bank erosion along Num Mar, there are 3 districts as follows: Sopbao, Xeingkor and Aed district, with length about 3.500 m.</p>	<p>– Successful in the riverbank protection project, Num Sum (Sumnoua municipality) 500 m, and continued to plan for construction in length 1200 m.</p>
18	Mr. Unith Fongmanyvanh	DPWT Sayabouly	Engineer	020 22977737 Unith_t@yahoo.com	<p>– Sayabouly province need to construction of bank protection work to solve the problem of bank erosion and also flood in many areas as follow:</p> <ol style="list-style-type: none"> <li>1/ Flood control: Spillway in the municipality, total length 9714 m.</li> <li>2/ Bank protection work: Num Houeng, especially the borders</li> <li>3/ Bank protection work: Num Houng-municipality which were badly hit by flooding</li> </ol>	<p>– b. Finish planning the bank protection works and some projects start on construction work.</p>

## Questionnaire on General Discussion on Riverbank Protection at Each Province

No.	Name	Province	Possion	Contact Address	Project on Water Resource and River Development Plan	Issues on River Bank Protection and Flood Control
19	Mr. Somphone Chanthavong	DPWT Xiengkhouang	Engineer	020 55660031	<p>– Bank erosion along the rivers have damaged from the problems as following:</p> <p>1/ Flooding from Typhoon Ketsana 2/ Bank erosion</p>	<p>1./ The project on riverbank protection along Num Sun 2./ The project on riverbank protection along Num Ngeum 3./ The project on riverbank protection along Num Neun 4./ The project on riverbank protection along Num Kan 5./ The project on riverbank protection along Num Math 6./ The project on riverbank protection along Num Ngeip 7./ The project on riverbank protection along Num Mo</p>
20	Mr. Soubanh Phantavong	DPWT Vientiane Pro.	Engineer	020 22913944 023 211010	<p>1./ Bank erosion, Sanakham district 2./ Bank erosion, Muen district 3./ Bank erosion, Keouodom and Thoulakhoum district</p>	<p>– The number of the successful project on riverbank protection:</p> <p>1. Ban Paksao 1, Muen district 2. Ban Syphoum, Sanakham district 3. Ban Pakchan, Muen district 4. Ban Paksao 2, Muen district</p>
21	Mr. Keosongkham Mangkhala	DPWT Khammouan	Deputy Manager RWS	020 55651859	<p>The number of Bank Erosion areas (poor quality of the land):</p> <p>– Thakhaek municipality – Hinboun district – Thong district</p>	<p>The number of Bank protection projects:</p> <p>– Ban Thahuea, Thakheak district, 1.5 km – Ban Heoynumly-Ban Namoueng, – Thakheak district, 1.3 Km – Ban Chomcheng, Thakheak district, 3.5 Km</p>
22	Mr. Phouthong Sidavong	DPWT Savannakhet		Phouthong 2011@hotmail.com	<p>– There is bank erosion along Mekong river: Xebangfai, Saibouly district, Ban Thahe, Ban Saiyaphoum and Ban Thaoudom, Kaisone district. – And bank erosion along Num Saichamphone and Xebanghieng.</p>	<p>– The Projects on riverbank protection in 5 years plan follow by priority:</p> <p>1/ Ban Pak Xebangfai, Saibouly district 2/ Ban Thahae, Ban Thaoudom, Kaisone and Ban Saiyamoum, Kaisone district, total length 3000 m. 3/ Along Saichamphone and Xebanghieng</p>
23	Mr. Inthawa Senthachan	DPWT Salavan	Engineer	020 98767757	<p>– Need to make a plan for construction of bank protection work in area of Salavan municipality and the borders which have damaged from bank erosion in many sites.</p>	<p>– Salavan municipality (along Xedon river) need to construction of bank protection work in total length 15 Km. Border of Nakhonpheong district has planned for the construction along Mekong River about 4 km.</p>
24	Mr. Viengngern Ladsaphong	DPWT Xekong	Engineer	020 22299098 020 98855878	<p>– There is big problem of bank erosion (Xekong River) which lad to damages to lands, ports and houses, especially in areas of the district municipality and the provincial municipality.</p>	<p>– The number of bank protection projects in 5 years plan: along Xekong River Ban Kengluang, Ban Nava and the port of the municipality in length 1.2km and poor districts such as Kaluem and Dakjung district.</p>

## Questionnaire on General Discussion on Riverbank Protection at Each Province

No.	Name	Province	Possion	Contact Address	Project on Water Resource and River Development Plan	Issues on River Bank Protection and Flood Control
25	Mr. Soukhaty Pounphamy	DPWT Champasak	Chief of Waterways sector	020 54691003	<ul style="list-style-type: none"> <li>- Lack of equipment and tool for river-data collection such as Hydraulic Parameters.</li> <li>- Lack of budget for bank protection work</li> <li>- Technical staff lack of experiences</li> <li>- Request for Technical assistant workshop from JICA</li> </ul>	<ul style="list-style-type: none"> <li>- Project on Flood embankment in the municipality</li> <li>- The project on river bank protection along Mekong River:                             <ol style="list-style-type: none"> <li>1/ Mounlapamok district</li> <li>2/ Kong district</li> <li>3/ Pathoumhone district</li> <li>4/ Champasak district</li> </ol> </li> </ul>
26	Mr. Thongsouk Apaiyalath	DPWT Attapeu	Deputy Manager of Road-Bridge office	020 22200173 Souk_APL@yahoo.com	<ul style="list-style-type: none"> <li>- Attapeu province also has damaged from bank erosion along Mekong River and Xekong River especially the provincial municipality, however no plan for construction the bank protection work in previous time.</li> </ul>	<ul style="list-style-type: none"> <li>- Province planed the project proposals in year 2010-2011 to the government, and then Department of Waterways joined the province to survey site visit and complete it and year 2011-2012 the province offer the project for construction work.</li> </ul>



ເອກກະສານຊ້ອນທ້າຍ-3 (c)      ກອງປະຊຸມ ສໍາມະນາດ້ານວິຊາການ  
ຄັ້ງທີ 3 (28 – 29 ມີນາ 2013)

## The Project on Riverbank Protection Works Phase II

### Training Session and Seminar for “Design and Construction of Riverbank Protection Works”, “Monitoring, Evaluation and Maintenance” and “River Engineering and River Management”

#### **Context:**

With respect to the design and construction of the riverbank protection work selected for Ban Pakthoay, Bolikhamxay Province, we plan to hold seminar covering primary points of design and construction with emphasis on observing the construction site under way. The survey/planning methodology from the design to construction will be included as subjects to be discussed during such training session/seminar.

Two day program inviting whole Lao provincial participants will be planned combining one day lectures and half-day site visits.

This seminar will be held in Bolikhamxay Province in parallel with the seminar on “monitoring, evaluation and maintenance” and training session on “river engineering and river management”.

Furthermore, a demonstration on Cobble Stone with Soda Works, one of the typical traditional riverbank protection works, will be held for participants of Lao engineers.

**Date:** March 28, 2013 (Thu), March 29, 2013 (Fri)

**Venue:** Meeting Room of Pakxan Hotel Bolikhamxay Province (March 28, 2013)  
Pilot Construction Site at Ban Pakthoay (March 29, 2013)  
Existing Riverbank Protection Works at the River Mouth of Namxan River (March 29, 2013)

#### **Agenda:**

##### ***The 1<sup>st</sup> day: March 28, 2013 (Thu)***

<08:30 – 09:00> Registration

<09:00 – 09:15> Keynote Opening

Mr. Hounгла SENGMUANG, Director General of DoW, MPWT  
Project Director of Phase II

- <09:15 – 09:20> Greeting from JICA  
 Mr. Noriyuki MORI, JICA Expert/ Planning Advisor to Cabinet Office of MPWT
- <09:20 – 10:10> Basic Concept of Countermeasures on Riverbank Erosion  
 Instructor: Mr. Khamphong THEPKHAMHEUANG, DPWT Bolikhamxay Province
- <10:10 – 10:30> Coffee Break
- <10:30 – 11:20> Construction Work at Pakthoay  
 Instructor: Mr. Khamphoiuy LEEFHUNG, DoW, MPWT
- <11:20 – 13:00> Lunch
- <13:00 – 13:50> Procedure of Deciding the Design Velocity at Pakthoay  
 Instructor: Mr. Phimmason SENGSOURIYAVONG, DoW, MPWT
- <13:50 – 14:25> Site Selection for Pilot Construction in Luangprabang Province  
 Instructor: Mr. Sombath CHAREUNPHONH, DPWT Luangprabang Province
- <14:25 – 14:50> Site Selection for Oudomxay Province  
 Instructor: Mr. Souksavanh THITHAVONG, DoW, MPWT  
 Project Manager of Phase II
- <14:50 – 15:10> Coffee Break
- <15:10 – 16:00> Monitoring, Evaluation and Maintenance of Riverbank Protection Works  
 Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province

***The 2<sup>nd</sup> day: March 29, 2013 (Fri)***

- <08:30 – 08:40> Assemble at Pakxan Hotel
- <08:40 – 09:00> Move to Ban Pakthoay
- <09:00 – 10:30> Site Visit  
 Introduced by Mr. Souksavanh THITHAVONG, DoW, MPWT  
 Project Manager of Phase II  
 Demonstration on Cobble Stone with Soda Works  
 Supervised by Mr. Yoshiharu HASEGAWA, Expert on Traditional  
 Riverbank Protection/ Construction Advice
- <10:30 – 10:50> Move to Pakxan
- <10:50 – 12:30> Site Visit to Existing Riverbank Protection Works at the River Mouth of Namxan River
- <12:30 – 12:40> Closing Address at Pakxan Hotel  
 Mr. Nouansavanh SENGMANY, Director General of DPWT Bolikhamxay Province
- <12:40 – 14:00> Lunch
- <16:00 – 17:00> Friendship Football Match  
 DPWT Bolikhamxay Province & Project Team VS Provincial Team

**Participant:**

[Lao Side]

Concerned Person from Department of Waterways, MPWT  
Concerned Person from Bokeo Province, DPWT  
Concerned Person from Luangprabang Province, DPWT  
Concerned Person from Bolikhamxay Province, DPWT  
Concerned Person from Vientiane Capital, DPWT  
Concerned Person from Other Provincial DPWT  
Concerned Person from Department of Investment and Cooperation,  
Ministry of Planning and Investment (MPI)  
Concerned Person from Sciences Technology Organization (MPWT)  
Concerned Person from Personal Department (MPWT)  
Concerned Person from Department of Planning and Cooperation (MPWT)

[Japanese Side]

JICA Experts for Phase II and Project Coordinator  
JICA Expert/ Planning Advisor to Cabinet Office of MPWT  
Concerned Person from JICA Laos Office

[Press]

Vientiane Times (Provide Information)  
Local Newspaper in Bolikhamxay Province (Provide Information)

**Expense:**

Conference Expenses: by Consultant Team  
Transportation Fees to Bolikhamxay Province (based on MPWT's regulation):  
by Consultant Team  
Transportation from DPWT Bolikhamxay to the Site: by Consultant Team  
Per Diem and Accommodation Fees (based on MPWT's regulation):  
by MPWT  
Lunch (March 28): by Consultant Team  
Lunch (March 29): by Consultant Team

Participant list for Semiar

Project : The Technical Cooperation Riverbank Protection Works Lao-Japan Phase II

Subject : Design and Construction Riverbank Protection Works Monitoring, Evaluation, Maintenance , River Engineering and Management

Venue : Bolikhamxai Province, Pakxan Hotel

Date : March 28th, 2013

No.	Name	Organization	Position	Tel/Fax Number	E-mail	Signature
1	Mr. Houngla SENG MUANG	Director General	DOW			
2	Mr. Taketoshi MATSUNAGA	JICA / NEWJEC	Chief Advisor	020 56703981	matsunaga tk@newjec.co.jp	
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4	Mr. Khamphouy LEETHUNG	ICPWT	C/P	95338377	dompdow@yahoo.com	
5	Mr. Boenleiep	TU. and Radio		55753133		
6	Mr. Sivalit	DPWT		54674535		
7	Mr. Boenchanh Keositham	DPWT	Deputy Director	2222107	bkeosith1@hotmail.com	
8	Mr. Boum Phean	DOW	Head Division		boumleuanet@gmail.com	
9	Mr. Souk Savanh THATHAVONG	DOW	P.M.	22228805	vong_b33@yahoo.com	
10	Mr. Xai Kham SAYSAVANH	V.T. Provin		55454754		
11	Mr. Phimmavone SENGSAVANG	DOW	C/P	22228820	phimm_ssriv@hotmail.com	
12	Ms. Moukmany VANANASY	DOW	C/P	23330112	moukmany.net@gmail.com	
13	Ms. Lattiyakone Phomduang	DOW	official	22255677	nong_lattiyakone@pan	
14	Mr. Tsutomu KAMEYAMA	JICA / YEC	JICA Project Team	59832491	20675863@nifty.com	
15	Mr. Yoshihara HASEGAWA	JICA / WAKATSUKI	C/P	54654458		
16	Mr. Khamsene PHAYAXAY	C/P BK	C/P	22332466		
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## Participant list for Semiar

Project : The Technical Cooperation Riverbank Protection Works Lao-Japan Phase II

Subject : Design and Construction Riverbank Protection Works Monitoring, Evaluation, Maintenance , River Engineering and Management

Venue : Bolikhamxai Province, Pakxan Hotel

Date : March 28th, 2013

No.	Name	Organization	Position	Tel/Fax Number	E-mail	Signature
21	Som bath	DPWT	Head. of sector	22538877	SB_jack63@H...	
22	na souk kaseukh.	- 11 -	sq - 2	55670617		
23	Mr Kham noi Phansouay	- 11 -	sqm	23855678	noi - 8@hotman.com	
24	MR Sitha Vongchan Kham	- 11 -	- 1 -	22549999		
25	Mr. Nivanh. Chathavilay	- 11 -	sqm	28555551		
26	Mr. Bounson MAVONGSA	- 11 -	sqm	22664540	bounson - 65@hotman.com	
27	Mr. Khamphong Thopkhanhoung	BKX	Repudy Project M.	22332279		
28	Mr. Sunshine	BKX	sqm	22331234		
29	Mr. BODNTEM VINAVONG	BKX	sqm	22116328		
30	Mr PHAO Vong Sanglapha	- 11 -	sqm	22332626		
31	Mr Khamphay Phongthachack	BKO	Bontai Uag	22382915	k.ph@kaho.com	
32	Mr Dethoudom	BKO	sqm	55483500	dethoudom@hotman.com	
33	Mr. Noriyuki MORI	MPWT	JICA Expert	02059828311	morinoriyuki8@gmail.com	
34	Mr Edrathasey	- 11 -	sqm	22294433		
35	Mr Vieng Ngerm	- 11 -	sqm	22299098		
36	Mr KHAM PHET BOUNSONKHAM	- 11 -	sqm	56614229		
37	Mr. Phosay KATIYARLAD.	- 11 -	sqm	222278111		
38	Mr. Viladeth Phongsavath	DPWT	sqm	99991130		
39	Mr Kham Fanklavannam	DPWT	sqm	55381838		
40	Mr. Sho SHIBATA	NEWJEC	Civil Engineer		shibatasa@gmail.com	
41	Mr. Vannam Phay Phitsalix	DPWT		59620874		
42						

### Participant list for Semiar

Project : The Technical Cooperation Riverbank Protection Works Lao-Japan Phase II

Subject : Design and Construction Riverbank Protection Works Monitoring, Evaluation, Maintenance , River Engineering and Management

Venue : Bolikhamxai Province, Pakxan Hotel

Date : March 29th, 2013

No.	Name	Organization	Position	Tel/Fax Number	E-mail	Signature
1	Mr. Sombeth	DPWT LPB	Head Sector	22538877	-	
2	Mr. Sithon	LNT	Engineering	22549999		
3	Mr. Kham Fanh	DPWT Chompanak	deputy section	55351878		
4	Mr. BOONTEM	DPWT BLX	Engineering	2246328		
5	Mr. Nivankh.	DPWT XKH	Engineering	28555551	manivankh2014	
6	Mr. Viladeth	DPWT Saya	Deputy of water way office	99991130	hot-mail.com	
7						
8	Mr. Soukzanh.	DPWT LPB	deputy of water way office	55670617		
9						
10	Mr. Dethoudom	DPWT BK	Engineering	55483500		
11	Mr. Khemphet	DPWT SAKHAN		56614229		
12	Mr. Sivejn	NEWS	Velik'way	94674535		
13	Mr. Khammai	DPWT "HD"	Engineering	22955638		
14	Mr. Kham Phay	DPWT Oudomxay	Engineering	97620274		
15	Mr. Kham Phay Phanchak	BKO	Head of sector	22982919		
16	Mr. Taketoshi MATSUNAGA	JICA/NEWJEC	Chief Advisor	02056708941		
17	Mr. Boun sou MAVONGSA	DPWT FSL	Engineering	22664540		
18	Mr. Kham Phay LEEFONG	DPWT	C/P	95621566	dompdow@pho.com	
19	MR. SUNSHINE SAIVASOM	DPWT. BLX	Engineering	22331234		
20	Mr. Phou VONG SENG LAPHA			22332626		

## Participant list for Semiar

Project : The Technical Cooperation Riverbank Protection Works Lao-Japan Phase II

Subject : Design and Construction Riverbank Protection Works Monitoring, Evaluation, Maintenance , River Engineering and Management

Venue : Bolikhamxai Province, Pakxan Hotel

Date : March 29th, 2013

No.	Name	Organization	Position	Tel\Fax Number	E-mail	Signature
21	Mr. Khamphong Thepkhamheuang	DPWT/BXX	Deputy Project Manager	22332279	Thepkhamheuang.ph @hotmail.com	
22						
23	Mr. Souk Savang THITNAVONG	DOW	Project Manager	22228805	vong655@yahoo.com	
24	Mr. Yoshiharu Hasegawa	JICA Team	Expert			
25	Mr. Tsutomu KAMEYAMA	JICA Team	Expert	5893-2491	icb75863@nifty.com	
26	Mr. Nonyu Ki MORI.	MPWT	JICA Expert	020 59328311		
27	Mr. Sho SHIBATA	JICA	Expert		shibatasu@nec.co.jp	
28	Ms. Lathiyakone	DOW	EGM	22255677		
29	Ms. Moukmany	DOW	CIP	93330119	moukmany.net@gmail.com	
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ເອກກະສານຊ້ອນທ້າຍ-3 (d)      ກອງປະຊຸມ ສໍາມະນາດ້ານວິຊາການ  
ຄັ້ງທີ 4 (24 – 25 ກຸມພາ 2014)

## The Project on Riverbank Protection Works Phase II

### Training Session and Seminar for “Design and Construction of Riverbank Protection Works”, “Monitoring, Evaluation and Maintenance” and “River Engineering and River Management”

#### Context:

With respect to the design and construction of the riverbank protection works selected for Ban Nasa (Souanluang), Luangprabang Province, we plan to hold seminar covering primary points of design and construction with emphasis on observing the construction site under way. The survey/planning methodology from the design to construction will be included as subjects to be discussed during such training session/seminar.

Two day program inviting whole Lao provincial participants will be planned combining one day lectures and half-day site visits.

This seminar will be held in Luangprabang Province in parallel with the seminar on “monitoring, evaluation and maintenance” and training session on “river engineering and river management”.

**Date:** February 24, 2014 (Mon), February 25, 2014 (Tue)

**Venue:** Meeting Room of Sokphanhkhram Hotel in Luangprabang Province (February 24, 2014)  
Pilot Construction Site at Ban Nasa (February 25, 2014)

#### Agenda:

##### *The 1<sup>st</sup> day: February 24, 2014 (Mon)*

- |                 |  |
|-----------------|--|
| <08:30 – 09:00> | Registration   |
| <09:00 – 09:15> | Keynote Opening<br>Mr. HOUNGLA SENGMUANG, Director General of DoW, MPWT<br>Project Director of Phase II  |
| <09:15 – 09:30> | Greeting form JICA<br>Representative, JICA Laos Office   |
| <09:30 – 10:20> | River Management, Japanese Experience and Prospect Lao P.D.R.<br>Instructor: Mr. Tatsuo HAMAGUCHI, Advisor on River Administration                                   |
| <10:20 – 10:40> | Coffee Break   |
| <10:40 – 11:20> | Procedure of Deciding the Design Velocity at Nasa<br>Instructor: Ms. Moukmany VANNASY, DoW, MPWT   |
| <11:20 – 12:00> | Detailed Design for Riverbank Protection Works at Ban Nasa,<br>Luangprabang Province<br>Instructor: Mr. Khamphaiy LEEFHUNG, DoW, MPWT                                |
| <12:00 – 13:40> | Lunch  |
| <13:40 – 14:10> | Construction Work at Ban Nasa, Luangprabang Province<br>Instructor: Mr. Sombath CHAREUNPHONH, DPWT Luangprabang Province   |
| <14:10 – 14:40> | Construction Management<br>Instructor: Mr. Phimmasone SENGSOURIYAVONG, DoW, MPWT   |
| <14:40 – 15:00> | Monitoring, Evaluation and Maintenance of Riverbank Protection<br>Works at Ban Paoy, Bokeo Province<br>Instructor: Mr. Deth Oudom HEUANMISAVATH, DPWT Bokeo Province |
| <15:00 – 15:20> | Coffee Break   |

- <15:20 – 15:40> **Monitoring, Evaluation and Maintenance of Riverbank Protection Works at Ban Pakthoay, Bolikhamxay Province**  
Instructor: Mr. Khamsene PHAGAXAY, DPWT Bolikhamxay Province
- <15:40 – 16:00> **Discussion**

***The 2<sup>nd</sup> day: February 25, 2014 (Tue)***

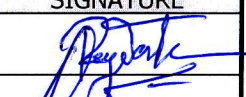

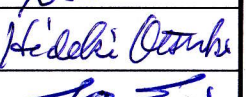

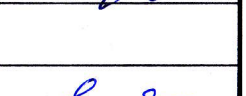
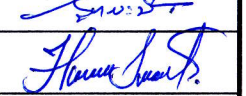
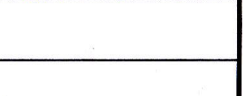
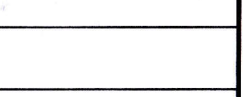
- <08:40 – 09:00> **Assemble at DPWT Luangprabang**
- <09:00 – 09:30> **Move to Ban Nasa**
- <09:30 – 11:00> **Site Visit**
- <11:00 – 11:30> **Back to Luangprabang Center**
- <11:30 – 11:40> **Closing Address in Sokphanhkhram Hotel in the Center of LPB**  
Tel: 071 260 791  
E[mail: sokphanhkhram\_hotel@hotmail.com
- Mr. Hounla SENGMUANG, Director General of DoW, MPWT**  
**Project Director of Phase II**
- <11:40 – 13:00> **Lunch**
-

**PARTICIPANTS LIST**

AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	Siminar "Design and Construction of Riverbank Protection Works", "Monitoring, Evaluation and Maintenance" and "River Engineering and River Management"				
DATE	February 24, 2014				
Venue	Sokphanhkhram Hotel, Louangphrabang Province				
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
1	Mr. Houngsa Songmuang	DOW	DG	56113505	
2	Mr. Kham Seng Aly	Dep of Division	Dep	22215688	
3	Mr. Thavyxay Phimsouane	Dep of CPS		55350432	
4	Mr. Dethoudom	DPWT of Bokeo	Engineer	55483506	
5	Mr. Sithon	DPWT of LNT	- - -	22549999	
6	Mr Sounthone	DPWT of Oudomxay	Engineer	28760478	
7	Mr xae Kham	Vientian	- - -	55284854	
8	Mr Kham Sene Arayaxay	BK	CP	22832466	
9	Mr Khemkham PHONGSAVATH	DPWT-LPB	engineer	55444343	
10	Mr. NOULATH THANOME SACK	DPWT-LPB	Eng	85959538	
11	Mr. Soukkarath Sereouphanh	LPB	Deputy of waterway	556817	
12	Mr Sounthone Phomsavath	BK	CP	5975092	
13	Mr. Phonasay Souliyaavong	DPWT V.T	Engineer	22086161	
14	Mr Soudaphet KHOMTHAVONG	DPWT LPB	engineer	98888312	
15	Mr. Taketoshi MATSUNAGA	JICA/NEWJEC	Chief Advisor	02056703941	
16	Mr. Yoshikoro MIWA	"	E.	02058105962	
17	Mr. Sombeth	DPWT	H. waterway	22538877	
18	Mr Sengathith	DPWT LPB	Engineer	22244551	
19	Mr Lamvanna Boumkealorn	DPWT Sybl.	Engineer	99598188	
20	Mr Somocx MANICHANTH	DPWT Bokeo	D. waterway	22384687	



**PARTICIPANTS LIST**

AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	Seminar "Design and Construction of Riverbank Protection Works", "Monitoring, Evaluation and Maintenance" and "River Engineering and River Management"				
DATE	February 24, 2014				
Venue	Sokphanhkhamb Hotel, Louangphrabang Province				
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
1	Mr Phayvankh	contractor	Engineer	55664636	
2	Mr Somchan	Travel Agent	Translator Tour guide	22204604	
3	Mr. Souvavanh JHITHAVONG	DOW	Project Manager	2222 8805	
4	Dr. Hidetaki Otsuki	NEWJEC	Vice Chief Advisor	59557768	
5	Mr. Khamphong	DPWT/BXX	Deputy Project	22332279	
6	Akiko Kishine	JICA	Project Formulation Advisor		
7	Mr. Thotsakan Vongphathone	DPWT Khammouan	engineer.		
8	Ms. MOUKMANT VANWASY	DOW	official	23330112	
9	Mr. Phimmason Sengsouyavong	DOW.	official	22228820	
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ເອກກະສານປະກອບ ສໍາລັບ

ບົດສະຫຼຸບຜົນສໍາເລັດຂອງໂຄງການ

**Project Completion Ceremony**  
**On**  
**Riverbank Protection Works Phase II**

**Context:**

The consultant and C/P officials will hold the workshop on the technical cooperation outputs obtained throughout the project, inviting, on top of the officials representing the target group, officials representing regional/provincial Department of Public Works and Transport and officials from other related institutions, of the Lao P.D.R. and related delegates from JICA.

**Date:** August 15, 2014 (Fri)

**Venue:** Conference Room at Don Chan Palace, Hotel & Convention

**Agenda:**

<08:30 – 09:00> Registration

<09:00 – 09:15> Keynote Opening

Mr. Math SOUNMALA, Director General of Planning and Cooperation, MPWT

<09:15 – 09:25> Greeting from JICA

Mr. Koichi TAKEI, Chief Representative, JICA Laos Office

<09:25 – 10:00> Project Summary Activities

Mr. Souksavanh THITHAVONG, Project Manager

<10:00 – 10:30> Explanation of Evaluation on Capacity Development

Mr. Taketoshi MATSUNAGA, Chief Advisor, JICA Consultant Team

<10:30 – 10:45> Coffee Break

<10:45 – 11:15> Showing Short Film on Pilot Constructions by the Phase II Project

<11:15 – 11:35> Discussion

<11:35 – 11:55> Awarding Ceremony

<11:55 – 12:00> Closing

Mr. Math SOUNMALA, Director General of Planning and Cooperation, MPWT

<12:00 – 13:30> Lunch

**Participant:**

[Lao Side]

Minister, MPWT  
Director General, Department of Waterways, MPWT  
Concerned Person from Department of Waterways, MPWT  
Director General, Department of Planning and Cooperation, MPWT  
Concerned Person from Department of Planning and Cooperation, MPWT  
Concerned Person from Bokeo Province, DPWT  
Concerned Person from Luangprabang Province, DPWT  
Concerned Person from Bolikhamxay Province, DPWT  
Concerned Person from Vientiane Capital, DPWT  
Concerned Person from Department of Investment and Cooperation, MPI  
Concerned Person from Department of Finance, MPWT  
Concerned Person from Personal Department, MPWT  
Concerned Person from Infrastructure Program Phase V, Department of Road,  
MPWT  
Concerned Person form Department of Water Resources, MONRE  
Concerned Person form Department of Meteorology and Hydrology, MONRE

[Japanese Side]

JICA Experts for Phase II and Project Coordinator  
JICA Expert/ Planning Advisor to Cabinet Office of MPWT  
Chief Representative, JICA Laos Office  
Concerned Person from JICA Laos Office  
Concerned Person from Embassy of Japan in Laos  
Concerned Person from NEWJEC Inc.

[Donors]

World Bank  
Asian Development Bank

[Other Related Institutions]

Mekong River Commission  
National University of Laos



[Press]

Vientiane Times

Vientiane Mai

National Lao TV

**Expense:**

Conference Expenses: by Consultant Team

Lunch: by Consultant Team

Transportation Fees from Province to Vientiane (based on MPWT's regulation):  
by Consultant Team

Per Diem and Accommodation Fees (based on MPWT's regulation):  
by MPWT

## PARTICIPANTS LIST

AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	PROJECT COMPLETION CEREMONY				
DATE	15 JULY.2014				
PLACE	Vientiane, Donchan Palace Hotel				
NO.	NAME	ORGANIZATION	PROPOSITION/TITEL	TEL or E-MAIL	SIGNATURE
1	Mr. Houngla sengmouang	DG Dow	DG	020 22220635	
2	Mr. Math Soummela	DG Planning	D.G	mathsul@loadd.com V.	
3	Mr. Khamphong Thap.	BKX	Deputy PM.	020 22332279	
4	Mr. Somoex Manichanh.	BOKEO	Deputy Waterway	22384687	
5	Mr. Vitthaya INKHAMFONG	BOKEO	Deputy Waterway	55579898	
6	Mr. oudone PHESLAHT	PWT BOKEO	Deputy Director	22383353	
7	Mr. Kham Seng ALP	Dow	Dept	22215688	
8	Mr. Seumkham Chanthavong	MPWT, DoR	PM/RIP I	22205588	
9	MR. Khampheng LEE FONG	MPWT	E.N.G	96251266	
10	Mr Soukkanh Sengouphanh	DDWT LRB.	E.N.G	55670617	
11	Mr. Singthong Pathoummady	DMH	DDG	55389651	
12	Mr. Boun Kheng SoukSAVATH	Dang Prabang.	DPWT	5557713	
13	Mr. Sombath	DPWT LRB.		22538877	
14	Ms. Monlatda CHANTHAVONG	JICA Laos	APO	22492934	
15	Ms. Daophet SILIPHOKHA	DOP	offica	22602276	
16	Mr. Sengthang KEOVISETH	DIC, MPWT	Technical staff	58555286	
17	Mrs Chanthaviphone Soutivanh	Dow	DDD BP.	22402829	
18	Mr. Thongdeun Khammany	DOF	Director of Div.	98999992	
19	Mr. Sakhone SAYASONE	DWR	Technical	95748869	
20	Ms. Moukmany Vannasy	Dow	staff.	23330112	



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AGENDA	THE PROJECT ON RIVERBANK PROTECTION WORKS PHASE II				
	PROJECT COMPLETION CEREMONY				
DATE	15 JULY.2014				
PLACE	Vientiane, Donchan Palace Hotel				
NO.	NAME	ORGANIZATION	PROSITION/TITEL	TEL or E-MAIL	SIGNATURE
21	ສອນສິງ ວຽງ	ສສສນ ຈຳ	ຮ່ວມ	23341121	
22	Souksavanh THAVANONG	Department of waterways	PM	2222 8805	
25	Khamseue PHAYAYAY	C/P B.K	C/P	22 33 24 6 6	
26	Bouchanh KEOSINAMMA	PWT.VT	DDG	22222 107	
27	Koschi TAKEI	JICA	Chief Representative		
28	Mr Khamseun Souriyavong	NUOL	Dep-Head	22476139	
29	Mr. Nouamsavanh SENGMANY	D.PWT. Borikhauxay	Dir:	22332 087	
30	Mr. Taketoshi MATSUNAGA	JICA /NEWJEC	Chief Advisor	5670 3941	
31	Ms. Miki HAGA	JICA /NEWJEC	Coordinator	<del>mit</del> hagamba@newjeca	
32	MS naymany Thong Pasueh.	DOW	Technical staff	020 28789978	
33	MS Darling SOUNGKALA	DOW	Technical staff	020 22233414	
34	Dr. Piniya Uraiwong	MRC	M-IWRM Project Coordinator	020 -5614 5090	
35	ທ່ານ ຂາ ປິລີ ລາວຸງ	PHONPHENG	D.V.	55561999	
36	Mr Phimmasone Seng Souriyavong	DOW	C/P	22228820	
37					
38					
39					
40					