



## **Ministry of Economy and Finance**

**Flood Damage Emergency Reconstruction Project (FDERP)**

**ADB Loan No. 2852-CAM (SF) and Grant No. 0285-CAM (EF)**

### **PCMU Quarterly Progress Report**

**October – December 2012**



**January 2013**

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- Appendix 1: FDERP Work Plan
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Caption for front cover:

Photo taken during public consultation meeting at MPWT-CW8: Provincial Road No.159B&C in Battambang and Banteay Meanchey Provinces	Photo taken from MRD-CW4: Rural road BMC6 in Banteay Meanchey Province after emergency repair	Photo taken from MoWRAM-CW2: Emergency Repair of Ork Ambok main canal in Prey Veng Province
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## ABBREVIATIONS AND ACRONYMS

ADB	Asian Development Bank
CARM	Cambodia Resident Mission
CCDM	Community Committee Disaster Management
CW	Civil Works
DBST	Double Bitumen
DCDM	District Committee Disaster Management
DIC	Department International Investment
EA	Executing Agency
EIRR	Economic Internal Rate of Return
EMP	Environment Management Plan
FDERP	Flood Disaster Emergency Reconstruction Project
FWUC	Farmer Water User Communities
IA	Implementing Agency
ICB	International Competitive Bidding
IEE	Initial Environment Examination
IFB	Invitation for Bid
IPC	Interim Payment Certificate
LGAP	Labor and Gender Action Plan
MEF	Ministry of Economy and Finance
MoU	Memorandum of Understanding
MoWRAM	Ministry of Water Resources and Meteorology
MPWT	Ministry of Public Works and Transport
MRD	Ministry of Rural Development
NCB	National Competitive Bidding
NCDM	National Committee Disaster Management
NR	National Road
NWISP	Northwest Irrigation Sector Project
PAM	Project Administration Manual
PCDM	Provincial Committee Disaster Management
PCMU	Project Coordination and Monitoring Unit
PPMS	Project Performance Management System
PIU	Project Implementation Unit
PR	Provincial Road
QPR	Quarterly Progress Report
RGC	Royal Government of Cambodia
TA	Technical Assistance
ToR	Terms of Reference
UNDP	United Nations Development Programme
USD	United States Dollar
WB	World Bank

## EXECUTIVE SUMMARY

### A. General

- i. FDERP was approved on 27 March 2012. The loan became effective on 14 May 2012, and is scheduled for closure on 30 September 2015;*
- ii. FDERP costs USD 67.18 M, of which Asian Development Bank (ADB) finances USD 55 M, the Government of Australia provides a grant of USD 5.25 M and the Royal Government of Cambodia contributes USD 6.93 M;*
- iii. FDERP is guided by the Project Administration Manual (PAM) dated March 2012, updated August 2012. The PAM requires the FDERP Implementing Agencies (IAs) to submit monthly progress reports to the Executing Agency (EA) - Ministry of Economy and Finance (MEF), represented by a Project Coordination and Monitoring Unit (PCMU), and the PCMU to submit Quarterly Progress Reports to ADB;*
- iv. This Quarterly Progress Report covers the period from October-December 2012;*

### B. Overall Progress

- v. In general, progress of the project to date has been good. Overall progress, defined as a composite of all project activities, and explained in the main body of the report, is estimated to be 34% against a targeted 38%. Delays in design and construction resulting from the 2012 wet season are the primary reason for overall progress being short of target.*

### C. Financial Progress

- vi. Cumulative contract awards (goods, works and services) total USD 28.11 M against a target of USD 29.96 M. Disbursement to date, equates to USD 11.41 M against a forecast (PAM, August 2012) of USD 6.48 M, broken down by Implementing Agency (IA), as follows:*

Output	Name	Agency	Amount (USD)
1	National and Provincial Roads	IA-Ministry of Public Works and Transport (MPWT)	3,902,842
2	Rural Roads	IA-Ministry of Rural Development (MRD)	4,858,060
3	Irrigation and Flood Control	IA-Ministry of Water Resources and Meteorology (MoWRAM)	1,649,540
4	Project and Flood Management	EA-Project Coordination and Monitoring Unit (PCMU), Ministry of Economy and Finance (MEF)	1,000,000
<b>Total Disbursed (31/12/12)</b>			<b>11,410,442</b>

- vii. *First and second generation imprest accounts have been established and are operational;*

#### **D. Physical Progress**

##### **Stage 2 Sub-projects**

- viii. *Construction (civil works) progress slowed considerably, and in many cases temporarily halted, due to the 2012 wet and flood season. Cumulative construction progress against target is estimated for each Output/ Sub-project as follows:*

FDERP: Stage 2 Sub-Projects: Construction Progress: December 2012							
Output	Implementing Agency	Contract Number	Province	Contract Name	Target	Actual	Comment
National and Provincial Roads	MPWT	CW1	Prey Veng	Detour road/protection dyke & Prey Veng Krong Bridge	48%	38%	Contract completion will be about 5-7 weeks late
		CW2	Prey Veng	Baray Lex Bridge	60%	48%	Delays in delivery and transportation of pre-stressed concrete beams
		CW3	Kampong Cham	Koh Rokar Bridge	70%	74%	Ahead of target
Rural Road Restoration	MRD	CW1	Prey Veng	Four rural roads	100%	87.40%	Completion Certificate Issued
		CW2	Kampong Cham	Six rural roads	100%	86.20%	Completion Certificate Issued
		CW3	Siem Reap	Five rural roads	100%	89.50%	Completion Certificate Issued
		CW4	Bantey Meanchey	Seven rural roads	100%	88.50%	Completion pending ADB Guidance
		CW8	Kampong Thom	Five rural roads	100%	89.60%	Completion Certificate Issued
Irrigation and Flood Control	MOWRAM	CW1	Prey Veng	Lam Laong Dam	100%	42%	Delay due to poor access
				Tuol Skea	100%	58%	Delays due to high water levels
				Ork Ambok	100%	80%	Wet season delays
		CW2	Prey Veng	Boeung Kamplienh	100%	95%	Completion Certificate pending some unfinished items
				Battambang	100%	35%	Wet season delays
				Kang Peseh	100%	74%	Wet season delays
		CW10/11	Battambang	Boeung Kanseng	100%	69%	Wet season delays
				Boeung Kak	100%	100%	Completion Certificate pending some unfinished items
				Srok Dam	100%	100%	Completion Certificate pending some unfinished items
		CW12	Kampong Thom	Hun Sen Baray	100%	60%	Delays due to farmer water requirements

##### **Stage 3 Sub-projects-procurement and contract award**

- ix. *MPWT awarded 3 No. contracts, with total value of USD 3.55 M; two, CW 4 and CW 5, in Pre Veng, and one, CW6a, in Kampong Cham. Bid opening of CW6b and CW6c located in Kampong Cham scheduled for 23 January 2013.*
- x. *MRD bid opening of CW5 (rural roads in Prey Veng and Kampong Cham) and CW6 (rural roads in Kampong Thom and Siem Reap) scheduled for 25 January 2013.*

- xi. *MOWRAM bid opening of CW4 (Kampong Cham) and CW5 (Kampong Cham) scheduled for 21 January and 17 January 2013 respectively.*

#### **E. Project and Flood (Disaster) Management Progress**

xii. *Project Management*

*PCMU Consultant completed the underlying key activities during the quarter (October-December 2012:*

- Review of the following bidding documents – MPWT(CW6b, CW6c, CW8a, CW8b), MRD(CW5, CW6, CW7), MOWRAM(CW4, CW5);*
- Participation at the following pre-bid meetings – MPWT (CW6b, CW6c), MOWRAM (CW4, CW5), MRD (CW5, CW6);*
- Review of bid evaluation reports for MPWT CW4, CW5 and CW6a;*
- Participating in Flood Damage Assessment of MRD Stage 2 Sub-projects in Banteay Meanchey (25/26 October);*
- Participating in community consultation meetings, MPWT (CW7), 23 November, MOWRAM (CW6), 2/3 January 2013;*
- Participating in resettlement independent verification field surveys MPWT (CW8), Battambang/Banteay Meanchey, 17-19 December, and MPWT (CW7), 11 December;*
- Site visit to MPWT (CW6a), Kampong Cham, 14 January 2013, to confirm satisfactory outcome of an issue involving the recently mobilized contractor and local resident;*
- Conducting progress meetings with relevant ADB (CARM) staff who have oversight/liaison responsibilities for different components/activities of FDERP (12 December 2012 & 10 January 2013);*
- Conducting liaison meetings with IA Unit Project Directors and consultants at MPWT(30 November & 13 December ), MRD(12 November) and MOWRAM(6 November);*
- Participating in ADB special field mission for ADB President (20 November);*
- Conducting joint meeting of team leaders from each IA Unit (14 December);*
- Preparation of Monthly (November & December) FDERP Tracking Reports for PCMU/MEF;*
- Design of FDERP website*

### Flood (Disaster) Management

- xiii. *Most of the issues and challenges encountered at the start-up phase of the project have been resolved resulting to start of full implementation of the planned activities.*

### Cross Cutting Issues

- xiv. *Chapter IV of this report details cross cutting activities either implemented or planned for the project. Whereas FDERP is classified overall as Category B for environmental safeguards, and Category C for resettlement, Output 1, National and Provincial Roads, under MPWT, package CW 8 in Banteay Meanchey, and packages CW 6a and CW 7 in Kampong Cham have resettlement issues which are currently being addressed. MOWRAM are also reporting minor resettlement issues in the preparation of CW6, Krapeu Canal. In the context of the Labor and Gender Action Plan (LGAP), IAs are reporting percentage engagement figures of unskilled female workers varying from 0-40%, partly distorted by the wet season and limited construction activities.*

## KEY ISSUES AND REQUIRED ACTIONS

The underlying table summarizes current or outstanding issues, required actions and a time frame with responsibility.

### Issues, Actions, Time Frame and Responsibility

Key Issue	Actions	Time Frame	Responsibility
<b>Civil Works</b>			
MRD Stage 2 Sub-project Damage Assessment Report	ADB to assess MRD Damage Assessment Report of inundated Stage 2 sub-projects in Banteay Meanchey	Dec 2012	ADB
<b>Cross Cutting</b>			
Safeguards (Resettlement)	(i) Submission of Independent Verifiers Report for MPWT CW 6a (Kampong Cham) to PCMU/ADB;	Jan 2013	MPWT
	(ii) Submission of Independent Verifiers Report for MPWT CW8 (Banteay Meanchey) to PCMU/ADB;	Jan 2013	MPWT
	(iii) Submission of Independent Verifiers Report for MOWRAM CW6 (Krapeu Canal, Siem Reap) to PCMU/ADB	Jan 2013	MOWRAM
Safeguards (Labor and Gender)	(i) Submission of LGAP Quarterly Progress Report (October-December 2012) to PCMU;	Jan 2013	MPWT, MRD and MOWRAM
	(ii) Preparation of annual progress report to ADB	Dec 2012	PCMU
Safeguards (General)	(i) Submission of Consolidated Safeguards Report	Jan 2013	PCMU
Information Disclosure; <i>Loan Covenant, Schedule 5, Para. 14</i>	(ii) Establish FDERP website; (iii) Uploading of FDERP information	Jan 2013	PCMU
Grievance Redress Mechanisms; <i>Loan Covenant, Schedule 5, Para. 10</i>	Set up grievance redress mechanisms	Jan 2013	MPWT, MRD, MOWRAM and PCMU
Risk Assessment and Risk Management Plan	(i) IAs to report (in monthly reports) a review of risks, and, if appropriate, actions taken to mitigate (ii) PCMU to summarize in Quarterly Report to ADB	Monthly and Quarterly	MPWT, MRD, MOWRAM, and PCMU
<b>Project Management</b>			
Project Performance Monitoring System	Establish PPMS linked to DMF	ASAP	PCMU
Recruitment of PCMU Consultants	Recruitment of M&E Consultant.	ASAP	MEF.



## I. INTRODUCTION

1. In accordance with paragraph 62 of the Flood Damage Emergency Reconstruction Project (FDERP), Project Administration Manual (PAM), the PCMU will provide ADB with quarterly progress reports (QPRs). This is the third<sup>1</sup> QPR providing a summary of progress for the period 1 October-31 December 2012.

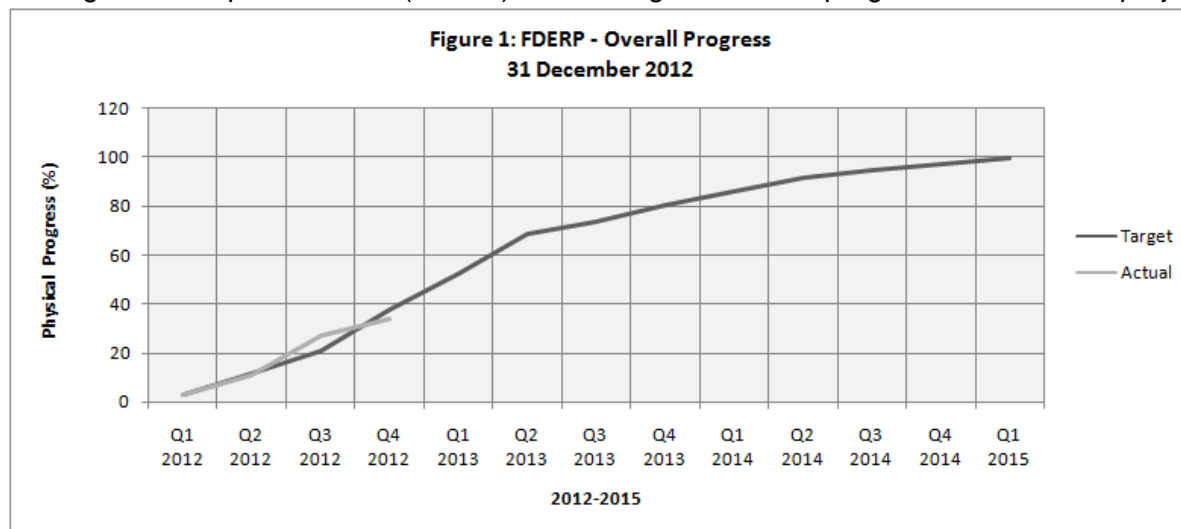
## II. OVERVIEW OF PROGRESS

### A. FDERP Work Plan and Sub-project Locations

2. The FDERP work plan is included under Appendix 1 to this report. Provincial maps showing the locations of all Stage 2 and proposed Stage 3 sub-projects are included under Appendix 2.

### B. Overall Progress

3. A system for monitoring overall progress was established under TA 8051 where targets for the life of the project were estimated. The system involves a breakdown of the key activities<sup>2</sup> for the total project and allocating a weighting to each of the activities as a percentage of the total resources needed to implement each activity, see Appendix 3. Figure 1 is a plot of actual (to date) versus targeted overall progress for the entire project.



<sup>1</sup> The first report covered two quarters, Jan-March, and April-June 2012. The second covered July-September 2012.

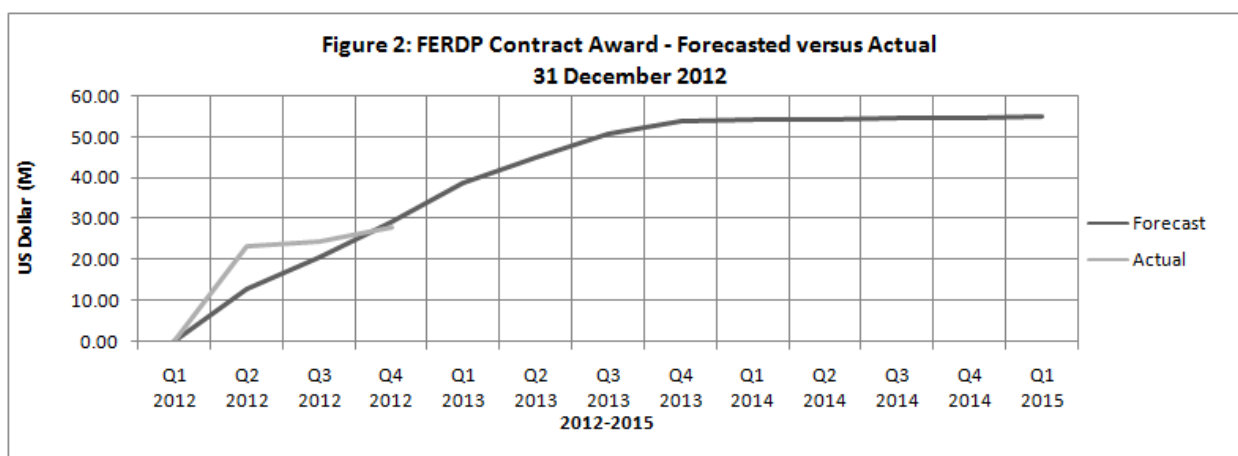
<sup>2</sup> Key Activities include recruitment of consultants and administration of consulting contracts, sub-project design, preparation of bidding documents, procurement of goods and civil works, civil works construction, safeguard issues (resettlement, environment and gender), and monitoring and evaluation.

Actual overall progress to date is estimated to be 34% against a targeted 38%. The 2012 wet season is the primary reason for overall progress being short of target. The progress of civil works construction by output, one of the key activities (see footnote 2), is detailed under Chapter III of this report.

## C. Financial Progress

4. During this quarter, three FDERP Stage 3 civil works contracts, valued at USD 3.55 M were procured by MPWT.

5. FDERP contract awards (Figure 2) for the first project year amount to USD 28.11 M against a forecast of USD 29.96 M. Contract award forecasts are based on figures defined in the original PAM - Chapter IV, section D.

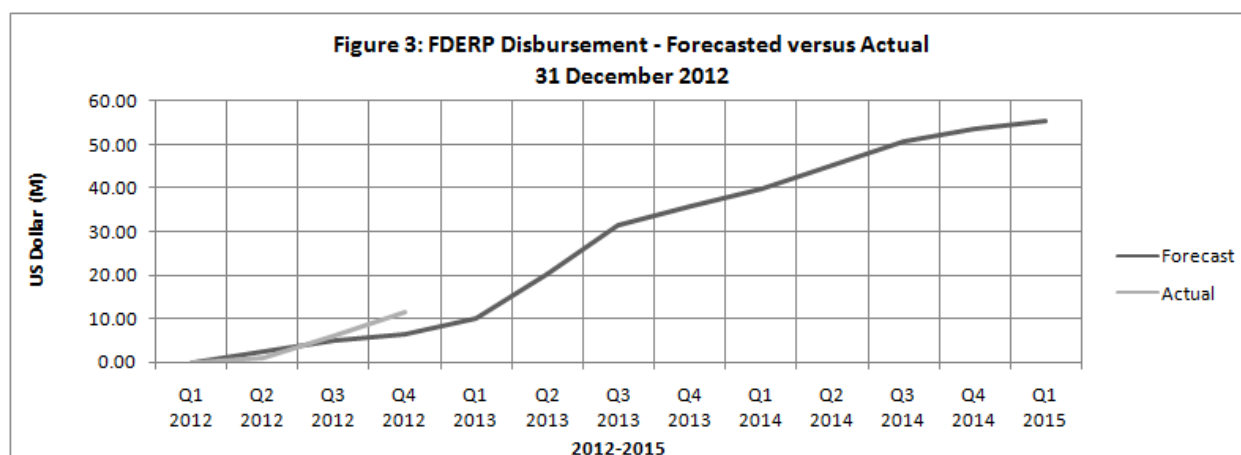


6. Table 1 summarizes FDERP contract award values for each Output

**Table 1: FDERP Contract Awards by Output as of 31 December 2012**

Output	Agency	Amount (USD)
National and Provincial Roads	IA-MPWT	12,421,304
Rural Road Restoration	IA-MRD	8,810,012
Irrigation and Flood Control	IA-MOWRAM	5,829,447
Project and Flood Management	PCMU (MEF)	1,048,860
<b>Total Contracted (31/12/12)</b>		<b>28,109,623</b>

7. Despite (i) the wet season delaying, and in many cases temporarily halting civil works, and (ii) tardiness by contractors in submitting interim payment certificates (IPCs) for completed works, overall disbursement for 2012 amounted to USD 11.41 M against a forecast of USD 6.48 M (Figure 3) broken down by Output in Table 2.



**Table 2: FDERP Disbursement by Output as of 31 December 2012**

Output	Agency	Amount (USD)
National and Provincial Roads	IA-MPWT	3,902,842
Rural Road Restoration	IA-MRD	4,858,060
Irrigation and Flood Control <sup>3</sup>	IA-MOWRAM	1,649,540
Project and Flood Management	PCMU (MEF)	1,000,000
<b>Total Disbursed (31/12/12)</b>		<b>11,410,442</b>

<sup>3</sup> IPCs valued at USD 0.5M pending

### III. ACTUAL ACTIVITIES DURING FOURTH QUARTER (Oct-Dec 2012)

#### A. Output 1: National and Provincial Roads – Ministry of Public Works and Transport (MPWT)

8. The underlying table summarizes the current status of MPWT Stage 2 and Stage 3 civil works contracts.

**Table 3: Current Status of MPWT Stage 2 and Stage 3 Contracts**

Stage	Contract No.	Province	Nature of Civil Works	Length (km)	Engineer's Estimate (USD)	Date of Contract Award	Contract Amount (USD)	Contractor	Current Status December 2012
Stage 2	CW1	P.Veng	Detour road/protection dyke and Prey Veng Krong Bridge		3,029,875	22/5/2012	3,383,059	Ly Chhoung	- Physical progress 38% against target of 48% after 75% of construction period - Contract extension of 5-7 weeks envisaged
	CW2	P.Veng	Baray Lex bridge		1,991,373	22/5/2012	1,992,174	Sea Board	- Physical progress 48% against planned 60%
	CW3	K.Cham	Koh Rokar bridge		1,276,315	22/5/2012	1,328,276	Ung Simsia Construction Co. Ltd	- Physical progress 74% against planned 70%
				0.0	6,297,563		6,703,509		
Stage	Contract No.	Province	Nature of Civil Works	Length (km)	Budget (USD)	Date of Contract Award	Contract Amount (USD)	Contractor	Current Status December 2012
Stage 3	CW4	P.Veng	Bary Koeut Bridge			6/12/2012	806,898	Royal Mekong	- Contractor mobilized
	CW5	P.Veng	Sam Put Thour & Ampil Krao Bridges			6/12/2012	1,325,663	Ung Simsia Construction Co. Ltd	- Contractor mobilized
	CW6a	K.Cham	DBST PR 270	8.5		28/12/2012	1,268,752	Royal Mekong	- Contractor mobilized - Minor safeguard issues following mobilisation
	CW6b	K.Cham	Three bridges on PR 270		3,530,000				Bid Opening 23/1/2013
	CW6c	K.Cham	Seven bridges on PR 270		2,770,000				Bid Opening 23/1/2013
	CW7	K.Cham	Laterite road	32.5	6,740,000				
	CW8	B.Meanchey	Provincial road 159	34.4	9,937,500				ICB Bid Documents under preparation
				75.4	22,977,500		3,401,313		

#### Physical Progress of Stage 2 Contracts

9. Contracts **CW1** and **CW2** are behind schedule with CW2 likely to require a 5-7 week extension. Apart from delays due to the wet season, the contractor's performance on CW1 has been tardy despite several warnings from the consultant. CW2 is behind schedule

primarily as a result of the logistics of delivering pre-stressed concrete beams (162) to Pre Veng. Contract **CW3** is ahead of schedule benefitting from good contractor performance.

### **Physical Progress of Stage 3 Contracts**

10. Contracts **CW4**, **CW5** and **CW6a** were awarded during December 2012. Following mobilization of the contractor at CW6a, some minor misunderstandings were encountered with neighboring land owner. These have been resolved.

11. Bid Openings for **CW6b** and **CW6c** are scheduled for 21 January 2013

12. Contrary to the last Quarterly Report (July-September 2012), **CW8** will be tendered as a single ICB contract rather than three (8a, 8b and 8c) NCB contracts. The ICB document is now under preparation.

### **Safeguards**

13. Resettlement A criterion for FDERP sub-project selection is that there should be no resettlement issues. These are often difficult to predict in advance of design. The MPWT Output has encountered minor resettlement issues on contracts CW6a and CW8. These, to date, are being resolved either through voluntary contributions and/or proposed reductions in road width at sensitive localities. In the case of CW6a and CW8, consultation meetings have been held with affected persons, and voluntary contributions have been or are being confirmed through independent verifier reports. PCMU have also established communication channels with the Inter-Ministerial Resettlement Committee (IRC), Resettlement Department, Ministry of Economy and Finance, in particular, the Chief of the Multilateral Office to whom independent verifier reports are being channeled prior to sending to ADB.

14. Labor and Gender Quarterly Labor and Gender Action Plans (LGAPs) are being prepared by MPWT. These are based on monthly forms issued by MPWT for completion by contractors. Contractors are reporting difficulties in meeting the 30% quota of unskilled female labor. Table 4 summarizes quarterly information for Stage 2 sub projects.

**Table 4: MPWT Stage 2 Contracts – Percentage of Unskilled Female Labor**

<b>Contract</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>CW1</b>	23.1	23.8	Figure awaited
<b>CW2</b>	36.7	36.7	36.7
<b>CW3</b>	33.3	23.8	23.5

MPWT also report slight differentials in the labor rates for male, USD 2.5 /day and female, USD 3.0/day. In monitoring compliance with core labor standards, no reports of child labor have been reported.

15. Environment In compliance with ADB requirements, Initial Environmental Examination (IEE) Reports were previously prepared by MPWT for Stage 2 and Stage 3 sub-projects. Environmental Management Plans (EMPs) are being incorporated into all bidding documents. It is noted, however, that contractors have not been preparing Contractor Environmental Management Plans (CEMPs) which should be a contractual requirement prior to commencement of works. MPWT issues monthly environmental monitoring sheets for completion by all contractors. During the quarter, the MPWT Status of EMP Compliance did not record any adverse sub-project issues.

## B. Output 2: Rural Road Restoration – Ministry of Rural Development (MRD)

16. The underlying table summarizes the current status of MRD Stage 2 and Stage 3 civil works contracts.

**Table 5: Current Status of MRD Stage 2 and Stage 3 Contracts**

Stage	Contract No.	No. of Roads	Lot	Province	Nature of Civil Works	Length (km)	Engineer's Estimate (USD)	Date of Contract Award	Contract Amount (USD)	Estimated repair of 2012 Flood Damage (USD)	Contractor	Current Status 31 December 2012
Stage 2	CW1	4		P.Veng	Laterite roads	49.5	1,304,449	27/6/12	1,260,438		Heng Sambat Co. Ltd	Completion Certificate issued
	CW2	5		K.Cham	Laterite roads	73.9	2,091,083	27/6/12	2,094,309	4,971	Sok Sokha Co. Ltd	Completion Certificate issued
	CW3	5		Siem Reap	Laterite roads	50.0	1,250,536	27/6/12	1,297,197		Camdeg Co. Ltd	Completion Certificate issued
	CW4	7		B. Meanchey	Laterite roads	65.5	1,882,860	27/6/12	2,041,089	234,360	Swee Construction & Transport Co. (M) SDN.BHD	Awaiting ADB Progress Review which will assess 2012 flood damaged roads
	CW8	5		K.Thom	Laterite roads	36.3	655,544	27/6/12	648,260	14,271	C.D.W. Construction Co. Ltd	Completion Certificate issued
						275.2	7,184,472		7,341,293	253,602		
Stage	Contract No.	No. of Roads	Lot	Province	Nature of Civil Works	Length (km)	Budget (USD)	Date of Contract Award	Contract Amount (USD)	Estimated repair of 2012 Flood Damage (USD)	Contractor	Current Status 31 December 2012
Stage 3	CW5	4	Lot 1	P.Veng	Laterite roads	39.6	1,359,918					Bid Opening 25/1/13
		3	Lot 2	K.Cham	Laterite roads/pipe culvert, plus pipe and box culverts on CW2	46.5	1,982,753					Bid Opening 25/1/13
	CW6	1	Lot 1	K.Thom	Laterite road/pipe culvert, plus pipe and box culverts on CW8	22.0	1,732,578					Bid Opening 25/1/13
		3	Lot 2	Siem Reap	Laterite roads/pipe culvert, plus pipe and box culverts on CW3	30.6	1,307,525					Bid Opening 25/1/13
	CW7	1		B. Meanchey	Laterite road/pipe culvert, plus pipe and box culverts on CW4	30.0	1,302,793					Bid Documents under preparation
		12				168.7	7,685,567					

### Physical Progress of Stage 2 Contracts

17. All four laterite roads in Prey Veng included under **CW1** have been completed. Inspections were held on 4 and 5 December and a Completion Certificate was issued on 21 December 2012. The site has been cleaned and the contractor has demobilized.

18. All five roads in Kampong Cham included under **CW2** have been completed. Inspections were conducted on 25 and 26 December and a Completion Certificate was issued on 26 December 2012. The site has been cleaned and the contractor demobilized.

19. All five roads in Siem Reap, included under **CW3**, have been completed. Inspections were conducted on 6 and 7 December and a Completion Certificate was issued on 21 December 2012. The site has been cleaned and the contractor demobilized.

20. Seven roads in Banteay Meanchey were included under **CW4**. Following Stage 2 works, these roads were damaged during the 2012 flood season. MRD conducted a Damage Assessment Report which estimated that the restoration costs (Banteay Meanchey only) were in the order of USD 230,000. The report was reviewed by PCMU and the following recommendations were forwarded to ADB (CARM) for their consideration:

- Stage 2 damaged roads are retained and restored under FDERP;
- MRD differentiate between 'fast track' and 'slow track' sub-projects;
- Given the severity of damage in Banteay Meanchey, all sub-projects should be included in the 'slow track' category and await additional design inputs;
- The damaged roads in Kampong Cham and Kampong Thom can proceed as originally proposed under Stage 3;
- If the design of the additional 4 culverts recommended for Kampong Cham are not available at the time of Invitation for Bid (IFB), then these could be included later through a variation order to the winning contractor's contract, and
- MRD, following the additional design work for the 'slow track' Banteay Meanchey sub-projects, submit a report with updated costings for PCMU/ADB approval prior to commencement of bidding.

It is understood that the above will be reviewed by the up-coming (January/February 2013) ADB Loan Review Mission.

21. All five roads in Kampong Thom, included under **CW8**, have been completed. Inspections were conducted on 12 and 13 December and a Completion Certificate was issued on 21 December 2012

### **Physical Progress of Stage 3 Contracts**

22. Bidding documents for **CW5** and **CW6** (see Table 4 above) were finalized and prior reviewed. Invitation-for-Bids (IFBs) were advertised on 26 December 2012. Bid Openings are scheduled for 25 January 2013.

23. Bidding documents for **CW7** will be finalized following agreement by ADB to the recommendations of the Flood Damage Assessment Report.



## **Safeguards**

24. Resettlement There are no resettlement issues

25. Labor and Gender Consultant currently (January 2013) in the field preparing quarterly LGAP report. Table 6 summarizes percentage of unskilled female labor engaged in the quarter.

**Table 6: MRD Stage 2 Contracts – Percentage of Unskilled Female Labor**

<b>Contract</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>CW1</b>	33%	Civil Works Completed	Civil Works Completed
<b>CW2</b>	31%	30%	36%
<b>CW3</b>	39%	40%	Civil Works Completed
<b>CW4</b>	30%	33%	38%
<b>CW8</b>	42%	Civil Works Completed	Civil Works Completed

26. Environment In compliance with ADB requirements, Initial Environmental Examination (IEE) Reports were previously prepared by MRD for Stage 2 and Stage 3 sub-projects. Environmental Management Plans (EMPs) are being incorporated into all bidding documents. It is noted, however, that contractors have not been preparing Contractor Environmental Management Plans (CEMPs) which should be a contractual requirement prior to commencement of works. During the quarter, MRD did not record any adverse sub-project issues.

## C. Output 3: Irrigation and Flood Control – Ministry of Water Resources and Meteorology (MOWRAM)

27. The underlying table summarizes the current status of MRD Stage 2 and Stage 3 civil works contracts, with best estimates of final costs following procurement of all contracts in the procurement plan.

**Table 7: Current Status of MOWRAM Stage 2 and Stage 3 Contracts**

Stage	Contract No.	Sub-project	Province	Nature of Civil Works	Engineer's Estimate (USD)	Date of Contract Award	Contract Amount (USD)	Contractor	Current Status December 2012
Stage 2	CW1	Toul Skear	P.Veng	Canal, bridges, box culverts	1,135,289	28/6/2012	1,140,859	Meas Sovuthydy	<ul style="list-style-type: none"> <li>- Physical progress 58% at Toul Skear site, 42% progress at Lam Laong</li> <li>- Delays due to wet season which at Lam Laong, access to site a major issue</li> <li>- Contract extension to end March 2013 envisaged</li> </ul>
		Lam Laong	P.Veng	Embankment dykes, minor structures					
	CW2	Ork Ambok	P.Veng	Canal, regulator, 3 bridges, 10 pipe drain outlets	1,350,000	28/6/2012	1,188,483	USS	<ul style="list-style-type: none"> <li>- Physical progress at Or Ambok 80%, 95% progress at Boeung Kamplienh</li> <li>- Contract extension to mid February 2013 envisaged</li> </ul>
		Boeung Kamplienh	P.Veng	Minor structures and earthworks					
	CW9	Srok Dam	K.Cham	Embankment dam	327,968	28/6/2012	318,842	Ponley Banteay Srey	<ul style="list-style-type: none"> <li>- Completion Certificate to be issued by end January 2013</li> </ul>
		Boueng Kak	K.Cham	Embankment dam					
	CW10	Kamping Pouy	Battambang	Eight gated regulator structure, canal	495,889	28/6/2012	492,332	Royal Mekong	<ul style="list-style-type: none"> <li>- Physical progress only 35%</li> <li>- Contract extension to end March 2013 envisaged</li> </ul>
	CW11	Kang Peseh Canal	Battambang	Minor structures and earthworks	405,011	28/6/2012	406,158	Royal Mekong	<ul style="list-style-type: none"> <li>- Physical progress at Boeung Kanseng estimated at 69%, Kong Piseth at 74%</li> <li>- Contract extension to end March</li> </ul>
		Kanseng Dyke	Battambang	Minor structures and earthworks					
	CW12	Hun Sen Baray	K.Thom	Canal embankment and structures	848,925	28/6/2012	877,937	Soeun Sok/Seak Leng JV	<ul style="list-style-type: none"> <li>- Physical progress estimated at 60%</li> <li>- Contract required variation order for additional structures</li> <li>- Contract extension to end</li> </ul>
					4,563,082		4,424,611		
Stage	Contract No.	Sub-project	Province	Nature of Civil Works	Budget (USD)	Date of Contract Award	Contract Amount (USD)	Contractor	Current Status 31 December 2012
Stage 3	CW3	Additional repairs Lamlaong	P.Veng	Spillway	490,000				
		Additional repairs Tuol Skea	P.Veng	Tail Structure	2,350,000				
	CW4	Pdav Chum Irrigation	K.Cham	Dyke	2,590,000				Bid Opening 21/1/13
	CW5	Kor Aet	K.Cham	Dyke	730,000				Bid Opening 17/1/13
		Por Tatres	K. Cham	Dyke					
	CW6	Krapeu Canal	Siem Reap	Canal	1,160,000				Resettlement issues
	CW13	P.Touch/Thom	K.Thom	Embankment	710,000				
		O.Ansar		Embankment					
		O.Thot		Embankment					
		Boeng Kvek		Embankment					
	CW15	NWISP			790,000				
					8,820,000		0		

## **Physical Progress of Stage 2 Contracts**

28. **CW1** package was split into two sub-projects namely; Lam Laong and Toul Skear. At Lam Laong, overall physical progress of works is estimated to be 42% which is behind target of 100%, Progress was halted by very poor condition of access road to the project site. At Toul Skear, overall physical progress of works is estimated to be 58% which is behind target of 100%. Delays in construction progress have occurred due to high water level in the Sne Reservoir which impacts the canal system as there is no head regulator.

29. **CW2** package was split into two sub-projects namely; Boeung Kamplienh and Ork Ambok. Boeung Kamplienh has achieved 95% overall completion The works were partially inspected by the Inspection Committee on the 3<sup>rd</sup> September 2012, however as there were construction flaws and unfinished items, the final inspection for completion has been deferred to a later date. Ork Ambok is now at about 80% completion, which is behind target 100% for this period.

30. **CW9** package was split into two sub-projects namely; Boeung Kak and Srok dam. Boeung Kak. By the end of October 2012 the overall progress at Boeung Kak was 100% completion. The inspection committee comprising PIU, PDWRAM and TA carried out the partially inspection of the works in the presence of the Contractor on 3<sup>rd</sup> September 2012. However as there were construction flaws and unfinished items such as construction of benchmarks, the final inspection was deferred. By the end of October 2012 the overall progress at Srok Dam was 100% completion. The inspection committee comprising PIU, PDWRAM and TA carried out the partially inspection of the works in the presence of the Contractor on 3<sup>rd</sup> September 2012, however as there were construction flaws and unfinished items such as construction of benchmarks and planting of trees, the final inspection has been deferred.

31. **CW10/11** was split into three sub-projects namely; Boeung Kanseng, Kong Piseth and Kamping Puoy; work commenced in early July. Boeung Kanseng overall physical progress is estimated to be 69%, which is behind the target 100% for this reporting period. Kong Piseth overall physical progress of works is estimated to be 74% completion versus a target of 100%. The overall physical progress of the works at Kamping Pouy is estimated to be 35% against a target 100%

32. **CW12** has only one sub-project namely, Hunsen Baray where overall progress is estimated to be 60% completion versus a target of 100%. Delays in construction progress have occurred due to the farmer water requirements for the early dry season rice, so the Contractor was unable to build the detour road to permit construction of the structures.

33. **CW 15** includes emergency repairs to 9 sub-projects of the North West Irrigation Sector Project (NWISP \_ ADB Loan No. 2035-CAM (SF)). Following the ADB Inception Mission, July 2012, these projects were included as FDERP Stage 3 sub-projects in the revised Procurement Plan. Subject to the outcome of the proposed ADB Loan Progress Review in February 2013, in particular, the availability of funds, these may be worked up as FDERP sub-projects.

### **Physical Progress of Stage 3 Contracts**

34. Data processing was completed in October for the topographic surveys on the selected Stage 3 sub-projects identified at inception and carried out in the 10 subprojects in all four provinces. The data has been used in preparation of sub-project profiles and the design drawings, and the survey data has been compiled. MOWRAM has requested that the TA also prepare designs for Toul Skear sub-project Stage 3 works that will include additional main canals and secondary canals within the system that is being reconstructed under Stage 2.

35. The Consultant prepared work schedule for design implementation and completed preparation of sub-project profiles of the priority selected Stage 3 sub-projects in Kampong Thom and Siem Reap Provinces. Boeung Kvek and Krapeu sub-project profiles including safeguard screening. Endorsement from PCMU and no objection from ADB for five sub-project profiles previously submitted, namely: O Thnot, Prek Touch and Prek Thom, O Ansar, Boeung Kvek and Krapeu Main Canal are pending.

36. Designs have been prepared for: the four Kampong Cham sub-projects included in CW13; the Krapeu Main Canal sub-project in Siem Riep; the Lam Laong Spillway (to complete the Stage 2 works on that sub-project in Prey Veng).

### **Safeguards**

37. **Resettlement:** Since no involuntary resettlement, nor voluntary resettlement impacts were encountered for nine of the ten stage-3-prioritized subprojects, these subprojects were automatically classified as Category C according to the project's resettlement framework.

The detail justification for resettlement classification of the nine subprojects was incorporated in each of the subproject profiles for seeking No Objection from ADB. For one of the ten subprojects, named Krapeu main canal in Siem Reap province, however, a separate resettlement categorization report is under preparation in addition to the subproject profile as the subproject has voluntary resettlement although there were no involuntary resettlement. As per resettlement framework's requirement on voluntary contributions, the independent verification by external consultant for Krapeu main canal was also under preparation.

38. Labour and Gender December statistics indicate that, the average number of female unskilled labour at the project construction sites (Stage 2) is 23%, lower than the value on Stage 2 construction start up (40%). However, it should be noted that due to the wet season flooding the Stage 2 construction works slowed down and even halted for some time and naturally less labour was employed or ceased to be used. Table 8 summarizes the Contractors' reported use of unskilled labor for December:

**Table 8: Use of Unskilled Female Labor**

Contract	Sub-project	Number of unskilled labour		
		Total	Female	%
CW1	Toul Skear	43	19	44
	Lam Laong	0	0	0
CW2	Ork Ambok	9	0	0
	Boeung Kamplienh	40	4	11
CW9	Srok Dam	0	0	0
	Boeung Kak	0	0	0
CW10/11	Kamping Pouy	21	0	0
	Boeung Kanseng/KP	26	9	53
CW12	Hunsen Baray	12	2	20
	Total	151	34	23

39. Environment The project has designated all Stage 3 sub-projects to be Category B. Detail screening including rapid environmental assessment checklist for irrigation infrastructure, which confirmed that all the subprojects are in category B for environment, was incorporated in each of the subproject profiles for seeking No Objection from ADB.

Thus, the Environmental Management Plans (EMP) and Initial Environmental Examinations (IEEs) are required. The EMPs are included in the NCB documents under Section V (Specifications and Performance Requirements). The IEE report was submitted to ADB in December. .

#### **Farmer Water User Communities (FWUCs)**

40. MOWRAM FWUC specialist together with Socio Agriculture Economist and other team members made visits to selected Stage 3 sub-projects to ensure beneficiary participation in the repair design, and assist in the activation (or creation where nonexistent) of Construction Sub-Committees (CSC) of the FWUCs or the FWUGs, as well as to collect socio-agricultural /economic data for preparation of sub-project profiles. A plan (and budget) for the FWUC related work including FWUC strengthening activities that was prepared on inception is being followed.

## D. Output 4: Project and Flood Management, PCMU, Ministry of Economy and Finance (MEF)

41. **PCMU** PCMU continued to support the Executing Agency (EA), MEF, to undertake overall oversight and management of the project and through a flood management component, to facilitate the development, and initial implementation, of an institutional strengthening program for the National Committee for Disaster Management (NCDM) and its sub-national structures at provincial, district and commune levels (i.e. PCDM, DCDM, CCDM).

42. **PCMU Consultant** The PCMU is supported by a team of individually recruited consultants (PCMU Consultant). Figure 4 illustrates the composition of the PCMU Consultant team and inputs during the quarter. The Monitoring and Evaluation (M&E) specialist has yet to be recruited. This appointment is critical as a key task of the specialist is the FDERP Project Performance Monitoring System which has yet to be established.

**Figure 4: FDERP: PCMU Consultants – 2012-2015**

Position	Name	Commencement	2012				2013				2014				2015				Person Months						
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Team Leader	Terry WOODS	10-Sep-12																							24
Deputy Team Leader	HIR Samnang	1 Sep 12																							30
Finance and Accounting	CHILA Somaly	Nov-12																							36
Procurement (Retained under TA R051)	VANN Savath	1 Nov 12																							
Disaster Management	Jerome CASALS	13-Aug-12																							8
Monitoring and Evaluation	TBA	TBA																							15
Safeguards	SAO Botumroath	Nov-12																							6
																									119

Note: dates are tentative and could be subject to change

43. **Project Management Activities.** During the quarter the underlying activities were undertaken:

- On-going communication between the ADB, EA and IAs;
- Review of sub-project profiles prior to submitting to ADB (CARM);
- Review the resettlement categorization reports;
- Review the environment categorization reports and IEE reports;
- Timely review of the following bidding documents – MPWT(CW6b, CW6c, CW8a, CW8b), MRD(CW5, CW6, CW7), MOWRAM(CW4, CW5);
- Attendance at the following pre-bid meetings – MPWT (CW6b, CW6c), MOWRAM (CW4, CW5), MRD (CW5, CW6);

- Review of bid evaluation reports for MPWT CW4, CW5 and CW6a;
- Participating in Flood Damage Assessment of MRD Stage 2 Sub-projects in Banteay Meanchey (25/26 October);
- Participating in community consultation meetings, MPWT (CW7), 23 November, MOWRAM (CW6), 2/3 January 2013;
- Participating in resettlement independent verification field surveys MPWT (CW8), Battambang/Banteay Meanchey, 17-19 December, and MPWT (CW7), 11 December;
- Site visit to MPWT (CW6a), Kampong Cham, 14 January 2013, to confirm satisfactory outcome to an issue involving the recently mobilized contractor and local resident;
- Progress Meetings with relevant ADB (CARM) staff who have oversight/liaison responsibilities for different components/activities of FDERP (12 December 2012 & 10 January 2013);
- Meetings with IA Project Directors and consultants at MPWT(30 November & 13 December ), MRD(12 November) and MOWRAM(6 November);
- Participating in ADB special field mission for ADB President (20 November);
- Joint meeting of team leaders from each IA Unit (14 December);
- Preparation of Monthly (November & December) FDERP Tracking Reports for PCMU/MEF;
- PCMU Consultant team meetings (12 December 2012);
- Design and uploading of FDERP website (<http://www.mef.gov.kh/fderp-about.html>);
- Preparation of FDERP Quarterly Report (October-December 2012)

44. **Project Administration Manual (PAM)** Section XII, paragraph 73 of the PAM 'Record of PAM Changes' and Appendix 2 ' indicative list of subprojects' were updated to reflect changes to date.

45. **Procurement Plan** Changes to the procurement plan were proposed to ADB (CARM) on 21 December 2012. Key proposed changes are as follows:

- **NCB Prior Review**: contract above one million, after the first approved subproject in each IA, was removed. Only BER will be prior reviewed in order to speed up the procurement process. This was agreed in principal through a meeting with ADB on 14 December 2012. The change will be also consistent with ADB letter dated 17 December stating that the approved MPWT-CW4 NCB documents can be used as a reference for subsequent subprojects.
- **Repackaging of MOWRAM-CW4 and CW5**: No Objection from ADB was received through ADB letter dated 16 November 2012
- **Repackaging MPWT-CW8**: This change was proposed by MPWT to be consistent with ADB's letter dated 17 December 2012.



46. **Finance and Accounting** The underlying summarizes Imprest Account and Direct Payment movements in the period to 31 December 2012.

<b>Table 9: Summary Expenses from Imprest A/C and Direct Payment</b>						
<b>Up to 31 December 2012</b>						
<b>Expenses from Imprest A/C</b>						
Cat. No.	Description	Expenses (USD)				
		MPWT	MRD	MORAM	PCMU	Total
2	Equipment and Vehicle		10,015.00	3,572.00	323,950.00	337,537.00
3	Incremental Management Cost	53,778.66	7,910.41	23,214.28	545.08	85,448.43
4	Consulting Services				117,135.67	117,135.67
	<b>Sub-total</b>	<b>53,778.66</b>	<b>17,925.41</b>	<b>26,786.28</b>	<b>441,630.75</b>	<b>540,121.10</b>
<b>Direct Payment from ADB for Loan</b>						
Cat. No.	Description	Expenses (USD)				
		MPWT	MRD	MORAM	PCMU	Total
1	Civil Works	1,633,228.06	3,509,237.83	1,309,472.64		6,451,938.53
3	Consulting Services	1,479,054.34	525,072.38	340,068.00		2,344,194.72
	<b>Sub-total</b>	<b>3,112,282.40</b>	<b>4,034,310.21</b>	<b>1,649,540.64</b>	<b>-</b>	<b>8,796,133.25</b>
<b>Direct Payment from ADB for Grant</b>						
Cat. No.	Description	Expenses (USD)				
		MPWT	MRD	MORAM	PCMU	Total
1	Civil Works	790,559.99	823,749.34	-		1,614,309.33
	<b>Sub-total</b>	<b>790,559.99</b>	<b>823,749.34</b>	<b>-</b>	<b>-</b>	<b>1,614,309.33</b>

47. **Flood (Disaster) Management** Most of the issues and challenges encountered at the start-up phase of the project have been resolved resulting to start of full implementation of the planned activities.

48. NCDM was finally able to identify and designate counterpart staff to work with the DM Specialist in October. Adequate work space and facilities are now accessible to the Consultant at the MEF-PCMU office and the MEF/ ADB posed no objections to the PCMU request for the use of a portion of the contingency reserve (of the DM Specialist's contract) for the provision of interpretation and translation services.

49. Mapping of Stakeholder DRR initiatives has been conducted in collaboration with the ADB Project Preparation Specialist and the draft DRR matrix compiled is now being circulated to DRR stakeholders for final comments. The DRR Stakeholder Map can be expected to be finalized by the end of January.

50. For the Legal & Policy Framework Review, documents in the form of royal decrees, sub-decrees, circulars and executive orders related to disaster management have already been

gathered and compiled although analysis of these may be delayed as almost all of those gathered are in Khmer and will likely take time to be translated.

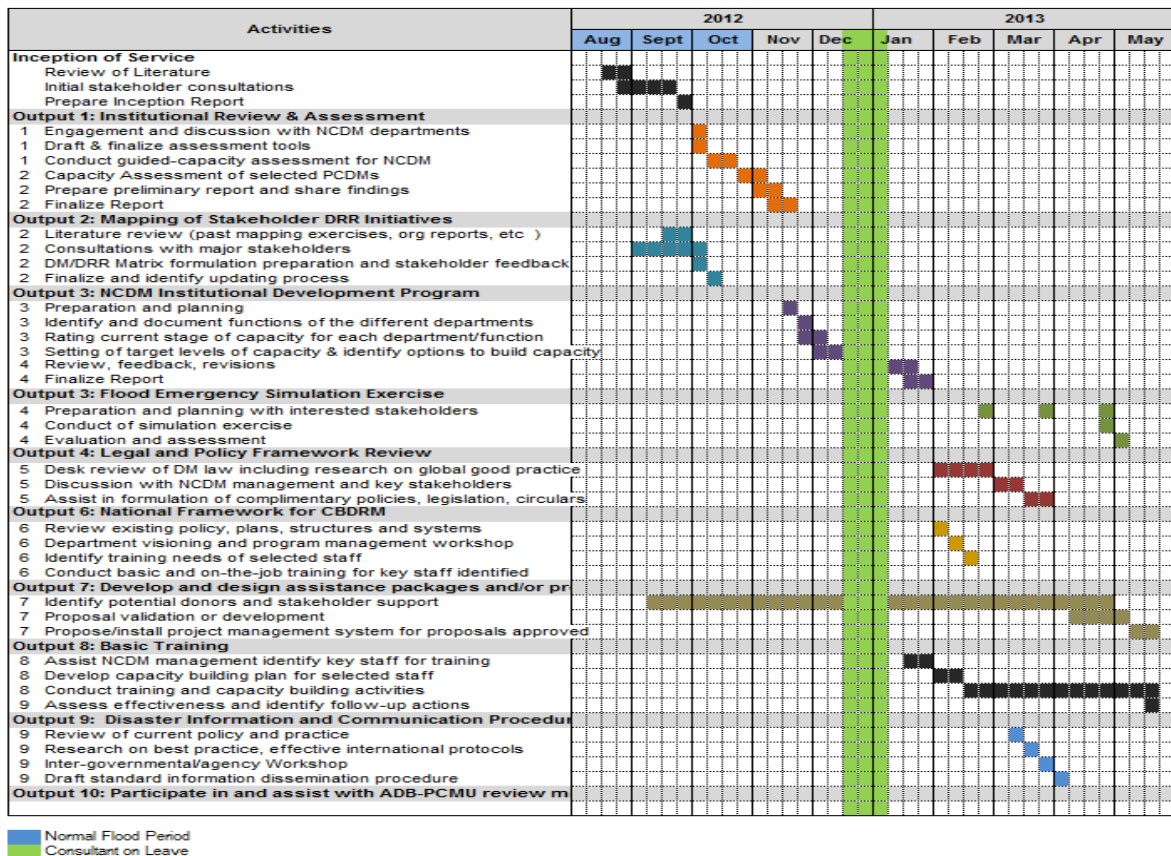
51. Activities related to the NCDM institutional review and capacity assessments are in the final stages of completion. These include key informant interviews with senior NCDM staff, consolidation of results of capacity self-assessment questionnaires, collation and analysis of results of PCDM surveys in the six project provinces. A draft of the Capacity Assessment Report should be available within February and will be immediately followed by separate presentations to NCDM and key DM actors after comments to draft report.

52. Proposed activities for the next quarter (January-March 2013) include:

- i. Submission Final NCDM Institutional Review and Capacity Assessment Report
- ii. Presentation of findings to NCDM and Key stakeholders
- iii. Submission Final NCDM Institutional Strengthening Program Report
- iv. Initiate facilitation of NCDM formulation of National Framework for CBDRM

53. Figure 5 is a schedule for NCDM activities

**Figure 5: Flood Management Component - Schedule of Activities**



## IV. CROSS CUTTING ACTIVITY PROGRESS

54. The underlying table highlights actual and planned key cross-cutting activities.

**Table 10: Actual (July-September 2012) and  
Planned (bold font) Cross Cutting Activity Highlights,**

Issue	Implementing Agencies (IAs)			PCMU Consultants
	MPWT	MRD	MOWRAM	
<b>FDERP Communication Plan</b>	Consultation meetings with stakeholders for CW 8 in Banteay Menachey, 29 August 2012			Participation in consultation meetings in Banteay Meanchey for CW8 , 29 August 2012
	FDERP website established November 2012 <a href="http://www.fderp.mpwt.gov.kh">http://www.fderp.mpwt.gov.kh</a>			FDERP website established December 2012 ( <a href="http://www.mef.gov.kh/fderp-about.html">http://www.mef.gov.kh/fderp-about.html</a> )
	On 20 November 2012, coinciding with the visit of ADB President Kuroda to Cambodia organized a one-day field visit to Prey Veng province to inspect reconstruction activities			
	<b>Grievance Redress System to be formalized February 2013</b>	<b>Grievance Redress System to be formalized February 2013</b>	<b>Grievance Redress System to be formalized February 2013</b>	<b>Guide establishment of Grievance Redress System and disclose information on FDERP website.</b>
<b>FDERP Project Performance Monitoring</b>		MRD submitted Project Performance Monitoring Report	MOWRAM included a progress summary against DMF defined activities in monthly report for December	<b>Project Performance Management System using targets, indicators, assumptions and risks in the Design and Monitoring Framework (DMF) to be established February 2013</b>

	<b>FDERP Classified overall as Category B for Environment</b>			
	Generic IEE Report submitted for Stage 2 and Stage 3 sub-projects; Environment Categorization report incorporating generic Environment Monitoring Plan (EMP) for inclusion in Bidding Documents submitted; Quarterly Safeguard Monitoring Report (Oct-December) confirms that contractors are implementing applicable mitigation measures	Generic IEE Report submitted for Stage 2 and Stage 3 sub-projects; Environment Categorization report incorporating generic Environment Monitoring Plan (EMP) for inclusion in Bidding Documents submitted; Quarterly Monitoring Report	Generic IEE Report submitted for Stage 2 and Stage 3 sub-projects; Environment Categorization report incorporating generic Environment Monitoring Plan (EMP) for inclusion in Bidding Documents submitted; Quarterly Monitoring Report	<b>Consolidated Safeguard Report to be submitted to ADB, February 2013</b>
<b>FDERP Environment</b>				
<b>FDERP Labor and Gender</b>	MPWT Quarterly Report includes a section on Labor and Gender	<b>Submission of Quarterly LGAP report</b>		<b>Annual Report on compliance with core labor standards and report to ADB annually (February 2013)</b>
<b>FDERP Resettlement</b>	Involuntary re-settlement issues on contracts 6a, Kampong Cham and CW8, Banteay Meanchey,	No involuntary resettlement issues	Involuntary resettlement issues reported at CW6, Krapeu Canal, Siem Reap	
<b>Risk Assessment and Risk Management</b>	Ethical Code signed by contractors and included in bids for CW4, CW5 & CW 6a; Ethical Code signed by Bid Evaluation Committee in recent			PCMU Consultant sign code of ethical conduct.
				<b>PCMU to publish all procurement information on</b>

<b>Plan</b>	BERs for CW4,CW5 & CW6a			<b>website.</b>
	<b>All project staff to sign code</b>	<b>All project staff to sign code</b>	<b>All project staff to sign code</b>	

## **V. PROPOSED KEY ACTIVITIES FOR NEXT QUARTER (Jan-Mar 2013)**

55. The underlying key activities are envisaged for the fourth quarter:

### **Output 1 – National and Provincial Roads**

- On-going construction supervision of Stage 2 sub-projects;
- Contract award and mobilization of contractors for Stage 3 packages – CW6b and CW6c, in Kampong Cham;
- Invitation for Bid for ICB CW8, Banteay Meanchey
- Detailed design of CW 7 (PR 270) in Kampong Cham (subject to funding);
- Verification of voluntary resettlement issues CW6a, Kampong Cham, and CW8, Banteay Meanchey;
- Submission of Quarterly Safeguard Monitoring Report, incorporating Resettlement, Gender and Environment
- Submission of monthly reports for January-March 2013;
- Formalizing MPWT Grievance Redress System for concerned provinces
- Participate in ADB Special Progress Review (January-February 2013).

### **Output 2 – Rural Roads**

- On-going construction supervision of Stage 2 sub-projects;
- Contract award for CW5 (Prey Veng and Kampong Cham) and CW6 (Siem Reap and Kampong Thom);
- Bidding Documents for CW7 (pending ADB response to Flood Damage Assessment Report);
- Submission of Quarterly Safeguard Implementation and Monitoring Report, incorporating Resettlement, Gender and Environment
- Submission of monthly reports for January-March 2013;
- Formalizing MRD Grievance Redress System for concerned provinces
- Participate in ADB Special Progress Review (January-February 2013).

### **Output 3 - Irrigation and Flood Control**

- On-going construction supervision of Stage 2 sub-projects;
- Contract awards for CW 4 (Phdav Chum) and CW 5 (Kor Aet and Por Tatres);
- On-going design of other Stage 3 packages – CW 3, CW 6, CW13 and CW 15 (funding dependent);
- Submission of LGAP Quarterly Report (July-September and October –December 2012);
- Submission of Quarterly Safeguard Implementation and Monitoring Report, incorporating Resettlement, Gender and Environment
- Submission of monthly reports for January-March 2013;
- Formalizing MoWRAM Grievance Redress System for concerned provinces
- Participate in ADB Special Progress Review (January-February 2013).

## **Output 4 – Project and Flood (Disaster) Management**

### **Project Management**

- Recruitment and mobilization of monitoring and evaluation specialist;
- Monitor and support procurement and contract administration of FDERP Stage 2 and Stage 3 sub-projects;
- Enhance FDERP website and upload information;
- Guide preparation of IA Grievance Redress Systems;
- Prepare Project Performance Management System (linked to FDERP DMF);
- Prepare consolidated (Labor and Gender, Resettlement and Environment) FDERP Safeguard Implementation and Monitoring Report;
- Participate in ADB Special Progress Review (January-February 2013).
- Prepare Annual Progress Report

### **Flood (Disaster) Management**

- Submit final NCDM Institutional Review and Capacity Assessment Report
- Presentation of findings to NCDM and Key stakeholders
- Submit final NCDM Institutional Strengthening Program Report
- Initiate facilitation of NCDM formulation of National Framework for Community Based Disaster Relief Management

## **Appendix 1**

### **FDERP Work Plan**





[illegible]

X To be recruited

## **Appendix 2**

### **FDERP Provincial Sub-Project Location Maps**

## **Appendix 3**

### **Overall Physical Progress**

## Appendix 3 - Overall Progress

Component /Activity	Overall Weighting		(to 30 Jun 2012)				(to 30 Sep 2012)				(to 31 Dec 2012)			
	% weigh of output	% Weight of total	Physical Completion				Physical Completion				Physical Completion			
			Target		Actual		Target		Actual		Target		Actual	
			Act.	Wgt	act. %	Wgt	Act.	Wgt	act. %	Wgt	Act.	Wgt	act. %	Wgt
<b>Output 1: National &amp; Provincial Roads</b>		<b>37</b>												
Recruit DDIS Consultants	0.7	0.3	100	0.3	100	0.3	100	0.3	100	0.3	100	0.3	100	0.3
Misc Procurement (FS, office, etc.)	0.3	0.1	80	0.1	40	0.0	100	0.1	50	0.1	100	0.1	50	0.1
<b>Stage 2 Civil Works</b>	<b>29</b>	<b>10.7</b>		<b>3.5</b>		<b>3.1</b>		<b>5.6</b>		<b>5.8</b>		<b>8.7</b>		<b>6.8</b>
- Design /preparation	5	1.9	100	1.9	100	1.9	100	1.9	100	1.9	100	1.9	100	1.9
- Procurement	2	0.7	100	0.7	100	0.7	100	0.7	100	0.7	100	0.7	100	0.7
- Safeguards (docs, impl., monitor)	2	0.7	25	0.2	25	0.2	50	0.4	50	0.4	75	0.6	65	0.5
- Construction	20	7.4	10	0.7	5	0.4	35	2.6	39	2.9	75	5.6	50.7	3.8
<b>Stage 3 Civil Works</b>	<b>65</b>	<b>24.1</b>		<b>0.6</b>		<b>1.1</b>		<b>1.6</b>		<b>2.3</b>		<b>4.2</b>		<b>3.7</b>
- Design /preparation	5	1.9	25	0.5	50	0.9	50	0.9	67	1.2	85	1.6	85	1.6
- Safeguards (docs, impl., monitor)	7	2.6	5	0.1	5	0.1	15	0.4	30	0.8	30	0.8	50	1.3
- Procurement	3	1.1	0	0.0	0	0.0	30	0.3	25	0.3	80	0.9	75	0.8
- Construction	50	18.5	0	0.0	0	0.0	0	0.0	0	0.0	5	0.9	0	0.0
Consultant Services	5	1.9	5	0.1	7	0.1	13	0.2	10	0.2	22	0.4	20	0.4
<b>Sub-total - Oupput 1</b>	<b>100.0</b>	<b>37.0</b>		<b>4.5</b>		<b>4.6</b>		<b>7.6</b>		<b>8.6</b>		<b>13.2</b>		<b>11.2</b>
<b>Output 2: Rural Roads</b>		<b>30</b>												
Recruit DDIS Consultants	1	0.3	100	0.3	100	0.3	100	0.3	100	0.3	100	0.3	100	0.3
<b>Stage 2 Civil Works</b>	<b>29</b>	<b>8.7</b>		<b>2.9</b>		<b>2.4</b>		<b>4.2</b>		<b>7.3</b>		<b>7.4</b>		<b>8.0</b>
- Design /preparation	5	1.5	100	1.5	100	1.5	100	1.5	100	1.5	100	1.5	100	1.5
- Procurement	2	0.6	100	0.6	100	0.6	100	0.6	100	0.6	100	0.6	100	0.6
- Safeguards (docs, impl., monitor)	2	0.6	25	0.2	50	0.3	50	0.3	90	0.5	75	0.5	95	0.6
- Construction	20	6.0	10	0.6	0	0.0	30	1.8	76.9	4.6	80	4.8	88	5.3
<b>Stage 3 Civil Works</b>	<b>65</b>	<b>19.5</b>		<b>0.6</b>		<b>0.6</b>		<b>1.4</b>		<b>1.9</b>		<b>3.1</b>		<b>2.4</b>
- Design /preparation	5	1.5	40	0.6	40	0.6	70	1.1	60	0.9	100	1.5	80	1.2
- Safeguards (docs, impl., monitor)	3	0.9	5	0.0	5	0.0	15	0.1	90	0.8	30	0.3	90	0.8
- Procurement	2	0.6	0	0.0	0	0.0	40	0.2	35	0.2	80	0.5	70	0.4
- Construction	55	16.5	0	0.0	0	0.0	0	0.0	0	0.0	5	0.8	0	0.0
Consultant Services	5	1.5	4	0.1	4	0.1	13	0.2	13	0.2	22	0.3	24.2	0.4
<b>Sub-total - Oupput 2</b>	<b>100.0</b>	<b>30.0</b>		<b>3.9</b>		<b>3.4</b>		<b>6.1</b>		<b>9.7</b>		<b>11.1</b>		<b>11.0</b>
<b>Output 3: Irrigation &amp; Flood Control</b>		<b>27</b>												
Recruit DDIS Consultants	0.7	0.2	100	0.2	100	0.2	100	0.2	100	0.2	100	0.2	100	0.2
Misc Procurement (FS, bikes, ..)	0.3	0.1	20	0.0	20	0.0	80	0.0	80	0.1	100	0.1	80	0.1
<b>Stage 2 Civil Works</b>	<b>29</b>	<b>7.8</b>		<b>2.6</b>		<b>1.9</b>		<b>4.1</b>		<b>5.1</b>		<b>6.3</b>		<b>5.9</b>
- Design /preparation	5	1.4	100	1.4	100	1.4	100	1.4	100	1.4	100	1.4	100	1.4
- Procurement	2	0.5	100	0.5	85	0.5	100	0.5	100	0.5	100	0.5	100	0.5
- Safeguards (docs, impl., monitor)	2	0.5	25	0.1	25	0.1	50	0.3	90	0.5	75	0.4	90	0.5
- Construction	20	5.4	10	0.5	0	0.0	35	1.9	51	2.8	75	4.1	66	3.6
<b>Stage 3 Civil Works</b>	<b>65</b>	<b>17.6</b>		<b>0.2</b>		<b>0.2</b>		<b>1.8</b>		<b>1.6</b>		<b>4.6</b>		<b>3.3</b>
- Design /preparation	8	2.2	5	0.1	5	0.1	40	0.9	40	0.9	80	1.7	80	1.7
- Safeguards (docs, impl., monitor)	7	1.9	5	0.1	5	0.1	15	0.3	15	0.3	30	0.6	25	0.5
- Procurement	8	2.2	0	0.0	0	0.0	30	0.6	20	0.4	80	1.7	50	1.1
- Construction	42	11.3	0	0.0	0	0.0	0	0.0	0	0.0	5	0.6	0	0.0
Consultant Services	5	1.4	4	0.1		0.0	13	0.2	13	0.2	22	0.3	17	0.2
<b>Sub-total - Oupput 3</b>	<b>100.0</b>	<b>27.0</b>		<b>3.0</b>		<b>2.4</b>		<b>6.0</b>		<b>7.1</b>		<b>11.2</b>		<b>9.7</b>
<b>Output 4: Project &amp; Flood Management</b>		<b>6</b>												
Management of overall project	50	3.0		<b>0.4</b>		<b>0.4</b>		<b>0.8</b>		<b>1.3</b>		<b>1.2</b>		<b>1.0</b>
- review of IA's procurement	20	1.2	30	0.4	30	0.4	50	0.6	45	0.5	70	0.8	60	0.7
- monitor progress	30	1.8	2	0.0	2	0.0	10	0.2	40	0.7	18	0.3	15	0.3
Recruit PCMU consultant	3	0.2	50	0.1		0.0	50	0.1	50	0.1	100	0.2	87	0.2
Procurement vehicles and equipment	2	0.1	100	0.1	70	0.1	100	0.1	90	0.1	100	0.1	100	0.1
PCMU Consultant Services	10	0.6	0	0.0	0	0.0	0	0.0	3.5	0.0	10	0.1	8	0.0
Disaster Management activities	35	2.1	0	0.0	0	0.0	10	0.2	8	0.2	40	0.8	38	0.8
<b>Sub-total - Oupput 4</b>	<b>100.0</b>	<b>6.0</b>		<b>0.6</b>		<b>0.5</b>		<b>1.2</b>		<b>1.6</b>		<b>2.4</b>		<b>2.1</b>
<b>Total Estimated Physical Progress</b>		<b>100.0</b>		<b>11.9</b>		<b>10.9</b>		<b>20.9</b>		<b>27.1</b>		<b>37.8</b>		<b>34.1</b>