



Asian Development Bank



**Ministry of Water Resources
and Meteorology**

QUARTERLY PROGRESS REPORT

**Cambodia: Greater Mekong Sub-region Flood and Drought Risk
Management and Mitigation Project**

**Project No. : 40190, Loan and Grant No: L2970-SF, G0330-SCF, L8262-
SCF**

April – June 2016

July 2016

1. Introduction

This is the Second Quarterly Progress Report (April – June) of 2016 of the Cambodia: GMS Flood and Drought Risk Management and Mitigation Project, funded by the Asian Development Bank (ADB) and the Government of Cambodia.

2. Project Outputs

The Project has four Outputs that are presented below:

- a. Enhanced regional data, information and knowledge base for the management of floods and droughts: Under this component, three specific sub-outputs will be delivered (i) Development of design criteria for flood and drought risk schemes and water control infrastructure in the Mekong Delta, (ii) Assessment of cross-border flood management options in Viet Nam and Cambodia; and (ii) Strengthening of National Flood Forecasting Center in Cambodia:
- b. Upgraded Water Management Infrastructures: Under this component, Damnak Chheukrom Irrigation Systems Rehabilitation in Pursat Province will be implemented which will upgrade irrigation and drainage in 16,100 ha of land and provide increased flood protection for 10,000 people.
- c. Enhanced Capacity for Community-Based Disaster Management: Under this component, at least 5 communities have disaster risk management plans; at least 200 women are trained on CBDRM and at least 30% of CBDRM committee members are female; and farmer managed water user committees are established in Damnak Chheukrom Irrigation System.
- d. Effective Project Implementation: project implementation is completed within 6 years (Sep 2019) and all accounts are closed within 6.5 years (March 2020).

3. Project Area

The Project area comprises selected sub-basins in Cambodia while the upgraded water management infrastructure, the Damnak Chheukrom Irrigation Scheme (DCIS), will be implemented in Pursat province.

4. Introduction and Basic Data

No.	Description	Detail
1	Asian Development Bank (ADB) Loan/Grant Number	L2970; G0330; L8262
2	Project Title	Cambodia: GMS Flood and Drought Risk Management and Mitigation Project
3	Borrower	Royal Government of Cambodia (RGC)
4	Project Management Unit and Implementation Unit	Ministry of Water Resources and Meteorology
5	Total estimated project cost	US\$ 47.75 million
6	Status of project financing: (Including availability of counter-part funds and co-financing):	Active
7	Dates of approval (ADB)	12 December 2012

No.	Description	Detail
8	Date of signing	17 January 2013
9	Date of effectiveness of ADB Loan	23 June 2014
10	Original ADB Loan closing date	30 September 2019
11	Elapsed loan period based on original loan closing dates	NA
12	Revised ADB Loan closing date	NA
13	Elapsed loan period based on revised loan closing dates	NA
14	Date of last ADB review mission	14 – 18 December 2015 17 - 20 February 2015 5 – 11 April 2016

5. Financing plan

Source	Amount (\$ Million)	Share of Total (%)
Asian Development Fund (ADF)	35.0	73%
ADB SCF Loan	4.00	8%
ADB SCF Grant	5.80	12%
Government of Cambodia	2.95	6%
Total	47.75	100%

6. Contracts Awarded

Package	Estimated Amount (\$)	Date of Award	Contract Amount (\$)
Goods			
Vehicles (Package-GMS-FDRMMP/MOWRAM-VE-01)	424,000	6 March, 2015	533,000
Office Equipment (Package-GMS-FDRMMP/MOWRAM-VE-02)	75,000	25 February 2015	48,371
Furniture (Package-GMS-FDRMMP/MOWRAM-VE-03)	9,345	20 February, 2015	9,345
Motorcycles (Package-GMS-FDRMMP/MOWRAM-VE-04)	15,000	10 March, 2015	12,600
Services			
Project Implementation Consultant (PIC), (Package-GMS-FDRMMP-CS-001)	2,191,000	31 March 2015	2,045,230
Detailed Design and Construction Supervision (DDCS) (Package-GMS-FDRMMP-CS-002)	1,877,000	20-August-15	1,565,337
Community Based Disaster Risk Management (CBDRM) (Package-GMS-FDRMMP-CS-004)	1,480,000	27-Aug-15	1,645,736
Support to National Flood Forecasting Center (NFFC) and to Improve Hydraulic Design Standards (Contract No. GMS-FDRMMP-CS-003)	1,312,000	4-Dec-15	1,638,525

Total	7,383,346	7,498,144
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7. Implementation Progress by Output

The Project Implementation progress output wise is given below¹:

Activities and Milestones^a		Indicator	Progress Against Targets^b	
Output 1.Enhanced regional data, information and knowledge base for the management of floods and droughts				
1.1	Development of Design Criteria for flood and drought risk schemes and water control infrastructure in the Mekong Delta	Design criteria developed and dissemination	Target: by Q3 2017	
			Progress: activities in progress	
			1.1.1 Forecast approach and operational capacity	Target: by June 2016
			Progress: in progress (80%)	
1.1.2 Flooding and Drought Hazard and Risk Assessment for Different Probabilities	Flood and drought hazard and risk maps prepared	Target: Q4 2016		
Progress: not started (0%)				
1.1.3 Residual Risk Associated with Protection Measure	Cost-benefit analysis on residual risk associated with various protection measures for selected study area prepares	Target: Q2 2017		
Progress: not started (0%)				
1.2	Assessment of cross-border flood management options in Viet Nam and Cambodia	Trans boundary (Cambodia–Vietnam) flood management options endorsed by both governments by 2017	Target by 2018	
			Progress: Coordination with GMS FDRMMP Viet Nam to be initiated in Q1 2017 (0%)	
1.3	Strengthening of National Flood Forecasting Center(NFFC) in Cambodia	NFFC forecasting model calibrated and operational (2011 baseline: NFFC is not operational	Target: by Q3 2017	
			Progress: in progress	
	1.3.1 Preliminary Flood and Drought Assessment	Preliminary Risk Assessment of Floods and Droughts prepared	Target: by March 2016	
			Progress: Completed (100%)	
	1.3.2 Hydro-meteorological Network and Data Management Assessment	Conceptual design of hydro-met network prepared	Target: by March 2016	
			Progress: Completed (100%)	
	1.3.3 Technical Specifications for improvement	Hydro-met network improvement	Target: Q4, 2016	

¹ The implementation plan has been updated based on the ADB Aide Memoir (AM) of ADB mission from 5 - 11 April 2016

Activities and Milestones ^a		Indicator	Progress Against Targets ^b
	of hydro-met network and forecast system	equipment/sensors procured and installed	Progress: Specification prepared and procurement under progress (80%)
	1.3.4 Improved Flood Forecasts and Drought Predictions	Department of Meteorology (DOM) and NFFC's forecast systems developed and SOP prepared	Target: Q3 2017 Progress: Preliminary assessment of DOM capacity and requirement completed (5%)
	1.3.5 NFFC Training and Capacity Development	All NFFC staff trained and operational	Target: Q3 2017 Progress: started; training plan strategy prepared (20%)
	1.3.6 Early Warning and Dissemination Strategy at the Community Level	Early warning system piloted in one sub-basin	Target: Q3 2017 Progress: Preliminary assessment of early warning system made (10%)
		Early warning SOP and regional information exchanges prepared	Target: Q3 2017 Progress: not started (0%)
Output 2. Upgraded water management infrastructure			
2.1	Design and construction of irrigation infrastructure to irrigate 16,100 ha of land	Prepare detailed engineering design by end of Q3 2016	Target: by Q3 2016 Progress: design of barrage completed and design of main canal in advanced stage (40%)
		Update and complete Resettlement Plan implementation and Environmental Assessment and Management Plan (for all components)	Target: by Q4 2016 Progress: SIA and IOL surveys for Barrage and Main Canal completed; RPs and EMP for Barrage and Main Canal being updating (30%)
		Complete procurement of all	Target: by Q4 2016

Activities and Milestones ^a		Indicator	Progress Against Targets ^b
		works contracts <ul style="list-style-type: none"> • Call for bids Q3 2016 for primary canal, Q1 2017 for secondary canals, and Q1 2017 for tertiary canals. • Contract for construction works by Q4 2016 for barrage and primary canal, Q2 2017 for secondary canals, and Q2 2017 for tertiary canals. 	Progress: bid for barrage invited on 9 May 2016 and 5 bids received by 23 June 2016 deadline, bid evaluation in progress, other components to follow (20%)
		Undertake construction works by Q1 2017 and commission structures and undertake acceptance trials by end 2018	Target: by 2018 Progress: not yet due (0%)
		At least 30% of workdays are provided by women on an equal pay for equal work basis	Target by 2018 Progress: included in the Works Contract (10%)
2.2	O & M Plans	O&M plans for each unit of upgraded infrastructure adopted	Target: by 2018 Progress: DDCS consultant preparing plans (10%)
Output 3.Enhanced capacity for community-based disaster risk management (CBDRM)			
3.1	Disaster Risk Management (DRM) Plans	At least 46 villages in 5 communes have DRM plans	Target: by Q2 2017 Progress: HVAC completed (25%)
	3.1.1 Provincial, District, Commune and Village levels participants trained in DRM	795 number trained	Target: by Q2 2017 Progress: CBDRM Training Manual Drafted, 16 Master Trainer Candidates selected (10%)
	3.1.2 Safer Village and Commune Plans developed	46 village and 5 commune plans developed	Target: by Q2 2017 Progress: Template of Safer Village Plans drafted (10%)
	3.1.3 Community driven flood and drought risk reduction measures implemented in selected communes	Implemented in 5 communes	Target: by Q3 2017 Progress: Not yet started (0%)
	3.1.4 Local level Coordinating Committees organized and managing the CBDRM implementation	7 committees established (2 District Coordination Committees and 5 Commune Coordination Committees)	Target: by Q3 2017 Progress: Establishment completed. 5 Commune Coordination Committees (CCC), and 2 District Coordination Committees (DCC) (100%)

Activities and Milestones ^a		Indicator	Progress Against Targets ^b	
	3.1.5 Technical support and services available to provide technical assistance to the Coordinating Communities (FWUC/G, CCDM and CCWC)		Target: by Q2 2017 Progress: Not yet started (0%)	
	3.1.6 Local facilitators recruited and trained to support village and commune planning and implementing risk reduction strategies in participating communes	16 facilitators trained	Target: by Q3 2016 Progress: 16 Master Trainer Candidates Selected to get the ToT (10%)	
	3.1.7 CBDRM model formulated and implemented in the project area	A model of CBDRM	Target: by Q3 2017 Progress: Not yet started. (0%)	
3.2	Implementation of Gender Action Plan (GAP)	At least 40% of participants in all public consultations for development of safer village and commune plans are women	Target: by Q2 2016 Progress: 403 female (45% out of 892 participants) in public consultations for the Coordination Committee in 2 districts and 5 communes 46 villages HVAC held until 10 April 2016, 377 (50% out of 756 participations) were female; CBDRM Advisory Group (CAG) Meeting on 27 May 2016 where 7 (29% out of 24) were female Being complied (100%)	
			At least 200 women are trained on CBDRM	Target: by Q2 2017 Progress: Training Need Assessment workshop on 26 May 2016-13 female (19% out of 69) participated Being complied (10%)
			At least 30% of members of FWUC are women	Target by Q4 2016 Progress: Step 1- Information on FWUC formation was disseminated in 5 communes, 46 villages, 2,159 (46% out of 4701 participants) were female. Will be complied (10%)

Activities and Milestones ^a		Indicator	Progress Against Targets ^b
3.3	Farmer Water Users Committee (FWUCs)	FWUCs established in Damnak Chheukrom Irrigation Scheme	Target: by Q3 2016 (Revised Q3 2017) Progress: Step 1 out of 10 Steps completed; Other steps will be undertaken after hydraulic boundaries of the lowest block (tertiary canals) are known by October 2016 (10%)

Note:

CBDRM - Community-based disaster risk management; CPMU- Central Project Management Unit; DDCS - Detailed Design and Construction Supervision, DRM = Disaster Risk Management; FWUC=farmer water user community; GAP=Gender Action Plan; IOL= Inventory of Losses; PIC= Project Implementation Consultant, PIU = Project implementation Unit; SIA = Social Impact Assessment

^a Based on PAM.

^b Physical progress presented in percent and supported by explanatory narratives.

Implementation progress in terms of disbursements, safeguards, procurement of goods, consulting services and work contracts, physical progress, and results achieved against the targets defined in the DMF are presented below.

8. Utilization of Funds

Table 1: Disbursement by Donor

Date: 30 June 2016

Loan Category	Amount allocated (\$)	Amount Disbursed (\$)	Percentage Disbursed
ADB Loan	35,000,000.00	956,537.99	2.7%
ADB SCF Loan	4,000,000.00	-	0.0%
ADB SCF Grant	5,800,000.00	1,153,607.29	19.9%
Government	2,950,000.00	-	0.0%
Total	47,750,000.00	2,110,145.28	4.4%

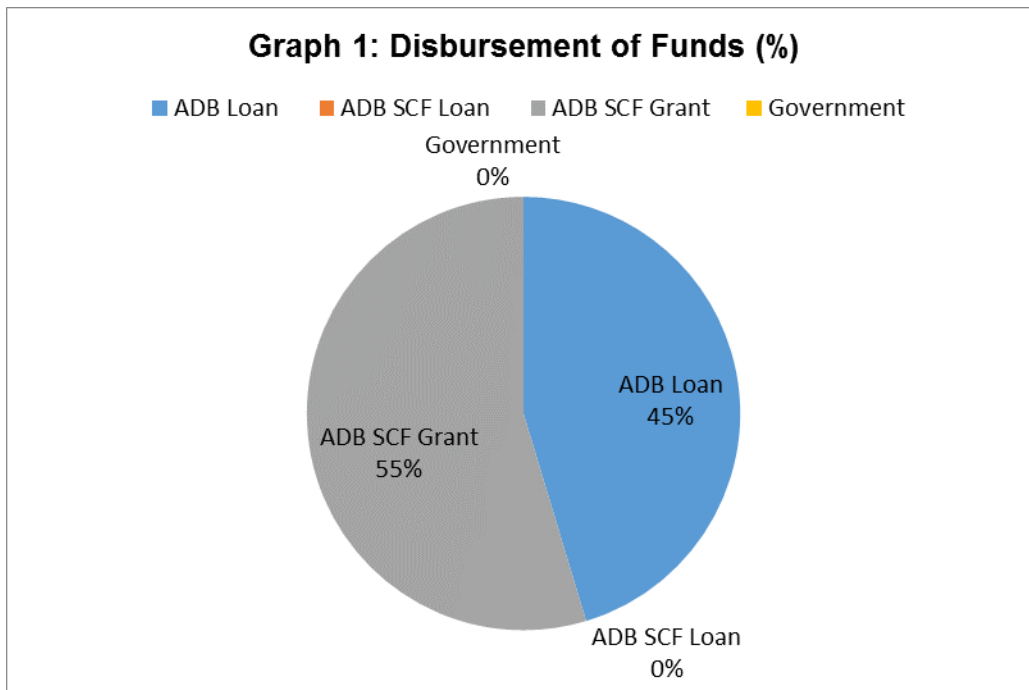


Table 2: Detailed Status of ADB Loan Utilization

Date: 30 June 2016

No	Category	Amount (\$)				
		Allocation	Contracts	Utilized	Balance	%age Utilized
1	Civil works	26,729,524.00	1,565,337.40	156,533.74	26,572,990.26	0.6%
1A	Construction Contracts	24,222,216.00			24,222,216.00	0.0%
1B	Survey, Design, Supervision (DDCS) ¹	2,507,308.00	1,565,337.40	156,533.74	2,350,774.26	6.2%
2	Equipment	166,582.00	57,716.60	57,716.60	108,865.40	34.6%
2.1	Office Furniture		9,345.60	9,345.60		
2.2	Office Equipment		48,371.00	48,371.00		
3	Vehicles²	197,902.00	332,200.00	332,200.00	(134,298.00)	167.9%
3.1	Vehicles (8)		328,000.00	328,000.00		
3.2	Motorcycles (3)		4,200.00	4,200.00		
4	Consulting Services (PIC)¹	869,865.00	838,544.30	41,927.42	827,937.58	4.8%
5	Implementation & Supervision	1,094,345.00	1,094,345.00	141,276.09	953,068.91	12.9%
6	Operations & maintenance during implementation	414,600.00			414,600.00	0.0%
7	Interest during construction	912,429.00			912,429.00	0.0%

No	Category	Amount (\$)				
		Allocation	Contracts	Utilized	Balance	%age Utilized
8	Unallocated	4,614,753.00			4,614,753.00	0.0%
	Total³	35,000,000.00	3,888,143.30	729,653	34,270,346.15	2.1%

Note:

¹ Includes Advance Payment which is yet to be liquidated:

- Cat No. 1B (for DDCS): \$ 156,533.74

- Cat No. 4 (for PIC): \$ 41,927.42

² Total disbursement (loan and grant) is US\$ 545,600 which is 25% more than the Procurement Plan estimate of US\$ 439,000. The contract amount exceeds allocation.

³ Out of total disbursed amount of US\$ 956,537.99 by ADB, US\$ 226,884 is available balance.

Table 3: Detailed Status of SCF Loan Utilization

Date: 30 June 2016

No	Category	Amount (\$)				
		Allocation	Contracts	Disbursed	Not Disbursed	%age Disbursed
1	Works - Construction contract	3,586,300			3,586,300	0%
2	Service charges	13,700			13,700	0%
3	Unallocated	400,000			400,000	0%
	Total	4,000,000			4,000,000	0%

Note: SCF Loan is allocated for civil works contract which has yet not started, hence no disbursement is made till date.

Table 4: Detailed Status of SCF Grant Utilization

Date: 30 June 2016

No	Category	Amount (\$)				
		Allocation	Contracts	Utilized	Balance	%age Utilized
1	Works - for NFFC	150,000.00			150,000.00	0.0%
2	Vehicles for NFFC	115,545.00	213,400.00	213,400.00	(97,855.00)	184.7%
2.1	Vehicles for NFFC (5)	106,500.00	205,000.00	205,000.00	(98,500.00)	
2.2	Motorcycles for NFFC (6)	9,045.00	8,400.00	8,400.00	645.00	
3	Equipment for NFFC	403,430.00			403,430.00	0.0%
4	Consulting services (PIC) ¹	1,234,735.00	1,206,685.70	60,334.58	1,174,400.42	4.9%
5	National training	395,600.00			395,600.00	0.0%
6	Service contracts	2,861,250.00	3,284,061.50	700,372.71	2,160,877.29	24.5%
6.1	CBDRM & FWUC - Agrifood ¹		1,645,736.40	484,821.71		

No	Category	Amount (\$)				
		Allocation	Contracts	Utilized	Balance	%age Utilized
6.2	NFFC support - Eptisa ¹		1,638,325.10	215,551.00		
6.3	Safeguard support				-	
7	Office operation for NFFC	86,863.00		6,245.00	80,617.00	7.2%
8	Unallocated	552,577.00			552,577.00	0.0%
	Total²	5,800,000.00	4,704,147.20	980,352.29	4,819,647.71	16.9%

Note

¹ Includes Advance Payment which is yet to be liquidated:

- Cat No. 4 (for PIC):	60,334.58
- Cat No. 6.1 (for CBDRM):	98,744.18
- Cat No. 6.2 (for NFFC):	215,551.00

² Out of the total disbursed US\$ 1,153,607.25 by ADB, US\$ 173,255.00 is available balance.

Table 5: Detailed Status of Government Cambodia Utilization

30 June 2016

No	Category	Allocation (\$)	Contracts (\$)	Utilized (\$)	Balance (\$)	%age Utilized
01	Resettlement	2,950,000			2,950,000	0%

Note: Government funds are allocated to cover the resettlement costs of the Project which will be undertaken in Q3/Q4 2016 before the start of the civil construction.

9. Safeguards

The project is categorized as "B" for Environment, "A" for Involuntary Resettlement, and "C" of indigenous Peoples.

An Initial Environmental Examination (IEE) was conducted during the feasibility study at the PPTA stage for Damnak Chheukrom Irrigation Scheme (DCIS) in accordance with ADB SPS (2009) and the Government's environmental regulations. Draft Environmental Management Plan (EMP) for the New Barrage on the Pursat River is now prepared.

The Land Acquisition and Resettlement Plan was prepared in 2011 during the PPTA stage and updated by MOWRAM in 2012. The Plan has been agreed between the government and ADB. Updating of RP requires Detailed Measurement Survey (DMS) and updated social impact assessment (SIA) of the affected households which include the loss of land, houses and other assets as well as the loss of source use or income/livelihoods in detail. DMS will be conducted by MOWRAM and Inter-Ministerial Resettlement Committee (IRC). MOWRAM has sent a request with layout and key features of the Barrage and Main Canal to IRC for the DMS. Social impact assessment and updating of inventory of losses for the Barrage and Main Canal were undertaken by the Project Implementation Consultant (PIC) in June 2016. The final DMS and SIA will be used to update and implement the final RP for the Barrage and Main Canal before the contract award for civil works of the respective components.

The IEE/EMP and Land Acquisition and Resettlement Plan for other components (secondary and tertiary canals) will then be updated after the completion of Detailed Design and the DMS and SIA.

Table 6 below presents the Project's status on safeguards.

Table 6: Safeguards

Sub-project/ Contract	Social Safeguard Assessment	Social Safeguard Screening (Y/N)	Resettlement Plan		Environment Assessment	
			Completed	On-going	Completed	On-going
Damnak Chheukrom Irrigation Scheme (DCIS)- New Barrage In Pursat River	Completed	Y	Yes	RP Being updated; IRC to undertake the DMS	Yes	Draft EMP for Barrage prepared
DCIS - Main Canal, Pursat	Completed	Y	Yes (to be updated after completion of detailed design)	-	Yes (EMP to be updated after completion of detailed engineering design)	-
DCIS - Secondary Canals, Pursat	Completed	Y	Yes (to be updated after completion of detailed design)	-	Yes (EMP to be updated after completion of detailed engineering design)	-
DCIS - Tertiary Canal, Pursat	Completed	Y	Yes (to be updated after completion of detailed design)	-	Yes (EMP to be updated after completion of detailed engineering design)	-

10. Procurement

The tables below present the Project progress on procurement of goods and equipment, works and consulting services.

Table 7: Contract to be Procured (Goods)

SN	Package No	Estimated Amount (\$USD)	Date of Award Contract	Contract Awarded (\$USD)
1	Hydro-meteorological Equipment (CAM-5-EQ-01) ¹	446,000	N/A	N/A
	Total	446,000	N/A	N/A

Note:

¹ The bids for hydro-meteorological equipment were invited on 17 May 2016 and four bids were received by the submission deadline on 16 June 2016. The bids are being evaluated and contract will be awarded early next quarter.

The procurement activities of works are expected to comprise of multiple contracts. The details are presented in the table 8 below:

Table 8: Contract to be Procured (Works)

SN	Package No	Estimated Amount (\$USD) ¹	Date of Award Contract	Contract Awarded (\$USD)
1	Upgrading of Damnak Chheukrom Irrigation System, Main Canal (CAM1-ICB-WO2)	13,000,000	N/A	N/A
2	Upgrading of Damnak Chheukrom Irrigation System- Construction of New Barrage on Pursat River (CAM2-ICB-W01) ²	10,300,000	N/A	N/A
3	Upgrading of Damnak Chheukrom Irrigation System, Secondary Canals (CAM3-ICB-W03)	4,000,000	N/A	N/A
4	Upgrading of Damnak Chheukrom Irrigation System, Tertiary Canals (CAM4-ICB-W04))	3,500,000	N/A	N/A
5	Minor Civil Works and earthworks (CAM-6)	150,000	N/A	N/A
	Total	30,950,000		

Note:

¹ Estimated amount has been revised after detailed engineering design and cost estimation of the Barrage and revision of the procurement plan by keeping in view the total allocation for works in the loans.

² Bids for Construction of New Barrage on Pursat River was invited on 9 May 2016 and five bids were received by the submission deadline on 23 June 2016. The technical bids are under evaluation by the Bid Evaluation Committee (BEC) and the Procurement Review Committee (PRC).

Procurement of key consulting services have been completed except for External Monitoring Agency Services which will be done after construction works begin. The details of consulting services to be procured are presented in table 9 below:

Table 9: Contract to be Procured (Consulting Services)

SN	Package No	Estimated Amount (\$USD)	Date of Award Contract	Contract Awarded (\$USD)
1	External Monitoring Agency Safeguards	51,000	NA	NA

An updated Procurement Plan is given in Annex 4 and the Time Bound Action Plan (TBAC) for 2016 is given in Annex 5

11. Major Project Implementation Issues and Solutions:

No.	Problem	Recommendation
1	Delay of declaring the loans and grant effective dates by one and a half years led to the need to revisit the implementation schedule and milestones	The implementation schedule (Annex 1) has been revised based on the loan effectiveness and key indicator milestones have been revised in the Updated Design and Monitoring Framework (DMF)
2	Capacity of the government counterparts in the CPMU and PIUs need to be strengthened through formal and informal trainings so that the project deliverables will be achieved in a timely manner.	PIC will assist the CPMU and PIUs to undertake formal and informal (on-the-job) training program. DDCS, CBDRM and NFFC consultants will also take required capacity building actions.
3	Lack of full time finance/accounts officer in CPMU has delayed the invoice payments and processing of withdrawal applications.	Financial Management Specialist from another ADB Project - Rice Commercialization Project- is shared by the two projects. However, a full time consultant should be hired for this purpose in order to avoid further delays.

12. Status of Compliance with Loan Covenants

S No	Covenants	Reference in LA	Status
	Social		
1	The Borrower shall cause MOWRAM to ensure that the gender action plan prepared for the Project shall be fully implemented and the resources needed for its implementation shall be made available in a timely manner, and specifically that: (a) CBDRM training modules are gender sensitive and address the needs of women; (b) data disaggregated by sex and ethnic	Schedule 5, para. 15	Being complied. So far, all consultations held noted 50% participation of

S No	Covenants	Reference in LA	Status
	origin shall be collected in all communities covered by the Project and analyzed to verify effective and equitable implementation of the Gender Action Plan (GAP) and Project activities; (c) through condition in the bid documents for Works contracts, at least 30% of unskilled workers employed in Works are women; (d) at least 30% of CBDRM group members are women; (e) at least 40% of participants in training are women; (f) at least 40% of participants in all public consultations for the development of safer village and commune plans are women; and (g) at least 30% of members of the farmer water user committees formed under the Project are women.		women. A training needs assessment will be done after the assessment on hazard/ vulnerability (46 villages) is completed.
	Safeguards		
2	The Borrower shall cause MOWRAM and the PDWRAM to ensure that CBDRM groups shall be established at each Subproject site and are the focal point for consultation and training. The Borrower shall cause MOWRAM and the PDWRAM to ensure that at least 30% of members of the CBDRM groups are women. In communities where ethnic groups reside, the Borrower shall cause MOWRAM and the PDWRAM to ensure that representatives of each ethnic group shall be included as members of the CBDRM group.	Schedule 5, para. 4	Being complied. Five commune coordination committees were established in January 2016.
3	The Borrower shall ensure or cause the Project Executing Agency to ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEE, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report. If there is any discrepancy between the Borrower's relevant laws and regulations and the requirements of ADB's Safeguard Policy Statement (2009), ADB's policy shall apply.	Schedule 5, para. 6	Being complied.
4	The Borrower shall ensure or cause the Project Executing Agency to ensure that all land and all rights-of-way required for the Project are made available to the Works contractor in accordance with the schedule	Schedule 5, para. 7	Not yet due. First works contract is expected for award in

S No	Covenants	Reference in LA	Status
	agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; and (c) all measures and requirements set forth in the RP and any corrective or preventative actions set forth in the Safeguards Monitoring Report.		September 2016
5	Without limiting the application of the Involuntary Resettlement Safeguards or the RP, the Borrower shall ensure or cause the Project Executing Agency to ensure that no physical or economic displacement takes place in connection with the Project until: (a) compensation and other entitlements have been provided to affected people in accordance with the RP; and (b) a comprehensive income and livelihood restoration program has been established in accordance with the RP.	Schedule 5, para. 8	Not yet due.
6	The CPMU shall not issue a notice to proceed to the contractors for specific sections of the Works of a Subproject until the Borrower has satisfactorily completed, in accordance with the approved RP for that Subproject, compensation and assistance payments and relocation to new sites, and ensured rehabilitation assistance is in place prior to obtaining possession and rights to the land.	Schedule 5, para. 9	Not yet due.
7	The Borrower shall ensure or cause the Project Executing Agency to ensure that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures relevant to the contractor set forth in the IEE, the EMP, and the RP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project	Schedule 5, para. 10	Being complied. The bidding documents are being prepared following ADB templates and Cambodia Procurement Manual. EMPs will be included in the works contracts and cost of EMP implementation will be provided as provisional sums

S No	Covenants	Reference in LA	Status
	<p>that were not considered in the IEE, the EMP, and the RP;</p> <p>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</p> <p>(e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.</p>		
8	<p>The Borrower shall make available or cause the Project Executing Agency to make available necessary budgetary and human resources to fully implement the EMP and the RP.</p>	<p>Schedule 5, para. 11</p>	<p>Not yet due.</p>
9	<p>The Borrower shall do the following or cause the Project Executing Agency to do the following:</p> <p>(a) submit quarterly Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;</p> <p>(b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, and the RP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan;</p> <p>(c) no later than the commencement of land acquisition and resettlement activities, engage qualified and experienced external expert(s) or qualified NGO(s) under a selection process and terms of reference acceptable to ADB, to verify information produced through the Project monitoring process, and facilitate the carrying out of any verification activities by such external experts; and</p> <p>(d) report any actual or potential breach of compliance with the measures and requirements set forth in the EMP and the RP promptly after becoming aware of the breach.</p>	<p>Schedule 5, para. 12</p>	<p>Not yet due.</p>
10	<p>The Borrower shall ensure that the preparation, design, construction, implementation and operation of the Project and all Project facilities comply with (a) the Borrower's applicable laws and regulations relating to indigenous peoples; (b) the Indigenous Peoples Safeguards; and (c) all measures and requirements set forth in the RPs and any corrective or preventative</p>	<p>Schedule 5, para. 13</p>	<p>Being complied.</p>

S No	Covenants	Reference in LA	Status
	actions set forth in a Safeguards Monitoring Report.		
11	The Borrower shall establish and publicize the existence of a grievance redress mechanism to receive and facilitate resolution of affected peoples' concerns, complaints, and grievances about the Project's performance, including possible corruption, and environmental, social, and other concerns.	Schedule 5, para. 18	Not yet due.
	Others		
12	The Borrower and the Project Executing Agency shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.	Schedule 5, para. 1	Being complied.
13	The Borrower through MOWRAM shall establish a Project steering committee which shall meet yearly, and more frequently as required, to oversee Project implementation and provide guidance. The steering committee shall be chaired by the Minister of MOWRAM or his delegate and have members from Council for Agriculture and Rural Development, MEF, MAFF, MOWRAM, the National Committee for Disaster Management, the Cambodia National Mekong Committee and the provincial governor of Pursat or his representative.	Schedule 5, para. 2	Complied. On 13 Nov 2014, MOWRAM established a Project steering committee with members only from MOWRAM, MAFF, MEF, and MOE. As advised by the ADB Mission in February 2015, new members from Council for Agriculture and Rural Development, Cambodia National Mekong Committee (CNMC), National Committee for Disaster Management (NCDM) and Deputy Governor of Pursat Province were appointed on 8 July

S No	Covenants	Reference in LA	Status
			2015. The first meeting of PSC was held on 19 May 2016.
14	Except as ADB may otherwise agree, Goods and Works shall only be procured on the basis of the methods of procurement set forth below: (a) International Competitive Bidding; (b) National Competitive Bidding; and (c) Shopping.	Schedule 4, para. 3	Being complied. Procurement procedures are following the Procurement Plan.
15	The Borrower through MOWRAM shall make the necessary budgeting and operational arrangements acceptable to ADB to manage operations of the hydraulic structures developed under the Project. In addition, the Borrower shall ensure that adequate resources are allocated and maintenance work done on the hydraulic structures and flood embankment constructed and upgraded under the Project to ensure their sustainability. The Borrower through MOWRAM shall also provide adequate resources for the operation of the NFFC.	Schedule 5, para. 3	Not yet due.
16	The methods of procurement are subject to, among other things, the detailed arrangements and threshold values set forth in the Procurement Plan. The Borrower may only modify the methods of procurement or threshold values with the prior agreement of ADB, and modifications must be set out in updates to the Procurement Plan.	Schedule 4, para. 4	Being complied. Bid documents are being implemented following the latest Procurement Plan.
17	The Borrower may grant a margin of preference in the evaluation of bids under international competitive bidding in accordance with paragraphs 2.55(a) and 2.56 of the Procurement Guidelines for domestically manufactured Goods and paragraphs 2.55(b) and 2.56 of the Procurement Guidelines for domestic Works.	Schedule 4, para. 5	Not applicable. The Procurement Plan indicates that margin of preference will not be applied in all the packages.
18	The Borrower through MOWRAM shall ensure that all Works contracts contain a provision that in the event UXO clearance is needed, the services of a reputable and experienced mine security organization, acceptable to ADB, shall be engaged to carry out and	Schedule 5, para. 5	Not yet due.

S No	Covenants	Reference in LA	Status
	then certify that the subproject area is clear of UXO.		
19	The Borrower and ADB shall ensure that, prior to the commencement of any procurement activity under national competitive bidding; the Borrower's national competitive bidding procedures are consistent with the Procurement Guidelines. Any modifications or clarifications to such procedures agreed between the Borrower and ADB shall be set out in the Procurement Plan. Any subsequent change to the agreed modifications and clarifications shall become effective only after approval of such change by the Borrower and ADB.	Schedule 4, para. 6	Being complied. Bidding documents are being prepared following the Cambodia Procurement Manual.
20	The Borrower shall not award any Works contracts until it has provided ADB with adequate evidence that: (a) an EMP has been developed and approved by ADB following the completion of detailed designs for each Subproject it has incorporated the relevant provisions from the EMP into the Works and provided adequate budget for the performance of the same contract; and (b) for Works contracts involving involuntary resettlement impacts, it has prepared and submitted to ADB the final RP based on the Project's detailed design, and obtained ADB's clearance of such RP.	Schedule 4, para. 7	Not yet due.
21	Except as ADB may otherwise agree, the Borrower shall apply quality- and cost-based selection for selecting and engaging Consulting Services.	Schedule 4, para. 8	Complied with. The PIC has been recruited following QCBS, as indicated in the Procurement Plan.
22	(a) The Borrower shall ensure that all Goods and Works procured (including without limitation all computer hardware, software and systems, whether separately procured or incorporated within other goods and services procured) do not violate or infringe any industrial property or intellectual property right or claim of any third party. (b) The Borrower shall ensure that all contracts for the procurement of Goods and Works contain appropriate representations, warranties and, if appropriate, indemnities from the contractor or supplier with respect to the matters referred to in subparagraph (a) of this	Schedule 4, para. 9	Being complied. The bidding documents being prepared follow the ADB bidding documents and the Cambodia Procurement Manual.

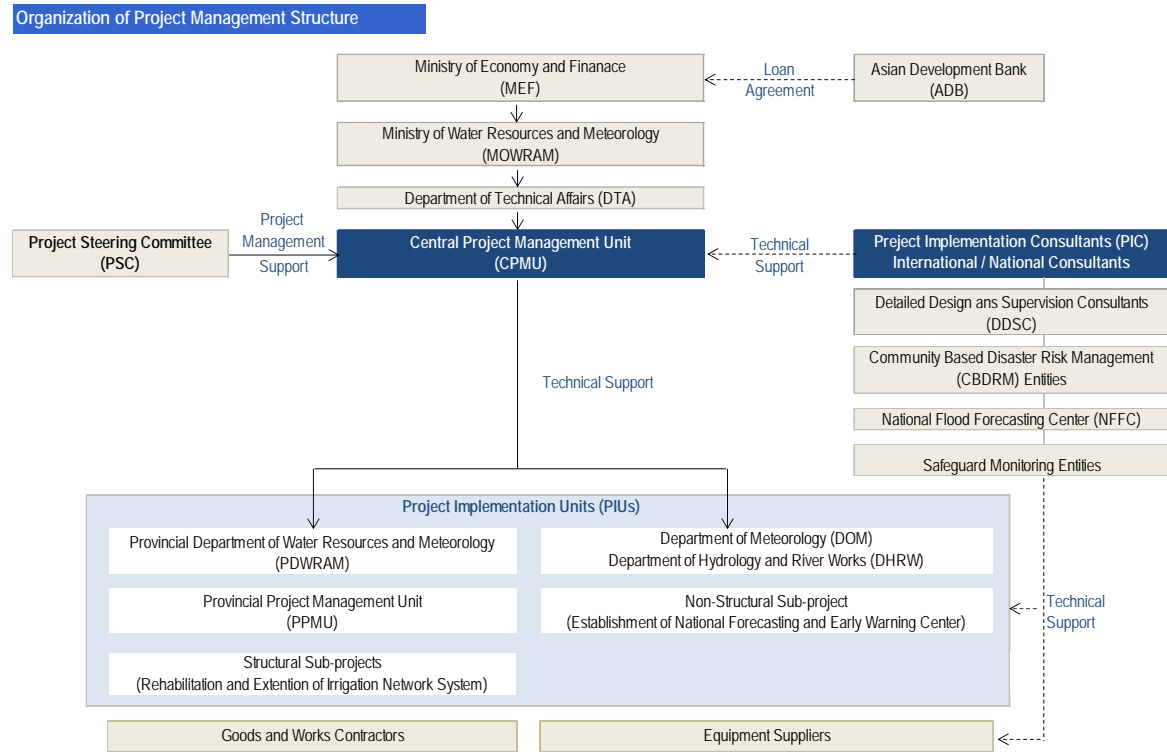
S No	Covenants	Reference in LA	Status
	paragraph.		
23	The Borrower shall ensure that all ADB-financed contracts with consultants contain appropriate representations, warranties and, if appropriate, indemnities from the consultants to ensure that the Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.	Schedule 4, para. 10	Complied with.
24	Contracts procured under international competitive bidding procedures and contracts for Consulting Services shall be subject to prior review by ADB, unless otherwise agreed between the Borrower and ADB and set forth in the Procurement Plan.	Schedule 4, para. 11	Being complied.
25	The Borrower shall cause MOWRAM to ensure that the Works contractors (a) provide timely payment of wages and safe working conditions to all workers; (b) maximize the employment of local poor people who meet the job and efficiency requirements for the Works, including at least 30% women; (c) pay equal wages to men and women employees for work of equal value; (d) do not employ child labor, as required by the relevant laws and regulations of the Borrower; (e) carry out HIV/AIDS, STI and human trafficking education and awareness campaigns in the construction sites; and (f) include specific provisions to give effect to this clause in the Works contracts and monitor their compliance.	Schedule 5, para. 14	Not yet due.
26	The Borrower shall comply with, and shall cause MOWRAM and the IAs to comply with ADB's Anticorruption Policy (1998, as amended to date). The Borrower (a) acknowledges ADB's right to investigate, directly or through its agents, any alleged corrupt, fraudulent, collusive or coercive practices relating to the Project; and (b) agrees to cooperate fully with, and to cause MOWRAM and the IAs to cooperate fully with, any such investigation and to extend all necessary assistance, including providing access to all relevant books and records, as may be necessary for the satisfactory completion of any such investigation.	Schedule 5, para. 16	Being complied.
27	The Borrower shall cause MOWRAM and the IAs to ensure that anticorruption provisions acceptable to ADB are included in all bidding documents and	Schedule 5, para. 17	Being complied.

S No	Covenants	Reference in LA	Status
	contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the executing and implementing agencies and all contractors, suppliers, consultants, and other service providers as they relate to the Project. The Borrower shall ensure that MOWRAM and the IAs conduct periodic inspections of the contractors' activities related to fund withdrawals and settlements.		
28	To deter corruption and increase transparency, the Borrower shall cause MOWRAM to maintain a Project-specific web page on its website to disclose information about procurements related to the Project. For each contract, the web page shall include information on, among others, the list of participating bidders, name of the winning bidder, basic details on bidding procedures adopted, amount of contract awarded, and the list of goods/services procured. In addition to the web-based disclosure, stakeholders, which include civil society and NGOs, shall be provided detailed information on procurement on public notice boards in their respective provinces.	Schedule 5, para. 19	Being complied. A web page for the Project has been set up in the MOWRAM website. This is further being refined by CPMU especially on the information on procurement packages. http://dhrw-cam.org/gsmflood.php

Annex 1: Project Implementation Plan

Activity	2015				2016				2017				2018				2019			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1 Enhanced regional data, information and knowledge base for the management of floods and droughts																				
Recruitment of NFFC Consultants	■	■	■	■																
Supply and installation of Equipment					■	■	■	■												
Training of NFFC Staff					■	■	■	■	■	■	■	■								
Test FFEWS in 2017 wet season										■	■	■								
Implementation and operation of NFFC									■	■	■	■	■	■	■	■	■	■	■	■
2 Upgraded Water Management Infrastructures																				
Recruitment of Consultants	■	■	■																	
Detailed Design and Bidding Documents				■	■	■	■													
Implementation of Resettlement Plans					■	■	■	■												
Tendering for Civil Works					■	■	■	■												
Construction of Irrigation System									■	■	■	■	■	■	■	■	■	■	■	■
3 Enhanced Capacity of Community Based Flood and Drought Management																				
Recruitment of Consultants	■	■	■																	
CBDRM and FWUC Support				■	■	■	■	■	■	■	■									
Implementation of CBDRM & FWUC				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
4 Effective Project Implementation																				
Project Performance Monitoring System (PPMS)			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Maintain and operate CPMU and PIUs	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Project Completion Report																			■	

Annex 2. Project Organization Structure



Annex 3. Project Management Unit (PMU)

CPMU staff at MOWRAM

- | | |
|--------------------------|---|
| 1. H.E. Ponh Sachak | Project Director |
| 2. Mr. Bak Bunna | Project Manager |
| 3. Mrs. Sok Sreypeuv | Administration Officer |
| 4. Mr. Muy Monin | Chief Accountant |
| 5. Mr. Huong Sunthan | Procurement Officer |
| 6. Mr. Seng Hieng | Technical Officer |
| 7. Mr. Keo Serey Pich | Assistant Technical Officer for Hydrology |
| 8. Mr. Eng Chour | Survey Officer |
| 9. Mr. Yoeung Hang Cheng | Assistant Survey Officer |
| 10. Mr. Touch Ang | Resettlement Officer |
| 11. Mr. Ouk Channaridd | Farmer Water Users Community Officer |
| 12. Ms. Sim Sokhema | Officer of Gender |
| 13. Mr. Phin Rady | Environment Officer |

PIU Staff at National Flood Forecasting Centre (PIU) at DHRW

- | | |
|--------------------------|--|
| 14. Mr. Yin Savuth | NFFC Coordinator |
| 15. Mr. Suy Sovann | Administrative, Financial and Accounting Officer |
| 16. Mr. Sam Oeun Soknara | Weather forecasting Officer |
| 17. Ms. Pot Peou | Flood Forecasting Officer |
| 18. Ms. Horm Leakhna | Flood Forecasting Officer |
| 19. Mr. Chuon Veasna | Flood Forecasting Officer |

PIU Staff at PDWRAM (PIU) Pursat

- | | |
|------------------------|----------------------------------|
| 20. Mr. Keo Vey | PIU Coordinator |
| 21. Mr. Kith Phal | Technical Officer |
| 22. Mr. Lao Sokha | Assistant Technical Officer |
| 23. Mr. Pa Sovannareth | Assistant Technical Officer |
| 24. Mr. Kim Chin | Assistant technical Officer |
| 25. Mr. Tauch Soeun | Administrative Officer |
| 26. Mr. Sat Bunno | Financial and Accounting Officer |

Annex 4: Updated Procurement Plan

Basic Data

Project Name: Greater Mekong Subregion Flood and Drought Risk Management and Mitigation Project (CAM)	
Project Number: 40190-013	Approval Number: 2970/0330/8262
Country: Cambodia	Executing Agency: Ministry of Water Resources and Meteorology
Project Financing Amount: US\$ 47,750,000 ADB Financing: US\$ 35,000,000 Cofinancing (ADB Administered): US\$ 9,800,000 Non-ADB Financing: US\$ 2,950,000	Implementing Agency: N/A
Date of First Procurement Plan: 12 December 2012	Project Closing Date: 30 September 2019
	Date of this Procurement Plan: 11 May 2016, Version 4

A. Methods, Thresholds, Review and 18-Month Procurement Plan

1. Procurement and Consulting Methods and Thresholds

Except as the Asian Development Bank (ADB) may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 500,000 and Above	The draft English language version of the procurement documents for each type of procurement must be submitted for ADB review and approval regardless of the estimated contract amount. First ADB-approved procurement documents will be used as a model for all subsequent procurement of similar work and type of procurement financed by ADB, and need not be subjected to further prior review.
National Competitive Bidding for Goods	Between US\$ 100,001 and US\$ 499,999	The first contracts for NCB, shopping, and community procurement regardless of their value will be subject to ADB's prior review and approval, subsequent contracts for similar work will be subject to post review.
Shopping for Goods	Up to US\$ 100,000	The first contracts for NCB, shopping, and community procurement regardless of their value will be subject to ADB's prior review and approval, subsequent contracts for similar work will be subject to post review.
International Competitive Bidding for Works	US\$ 2,000,000 and Above	The draft English language version of the procurement documents for each type of procurement must be submitted for ADB review and approval regardless of the estimated contract amount. First ADB-approved procurement documents will be used as a model for all subsequent procurement of similar work and type of

		procurement financed by ADB, and need not be subjected to further prior review.
National Competitive Bidding for Works	Between US\$ 100,001 and US\$ 1,999,999	The first contracts for NCB, shopping, and community procurement regardless of their value will be subject to ADB's prior review and approval, subsequent contracts for similar work will be subject to post review.
Shopping for Works	Up to US\$ 100,000	The first contracts for NCB, shopping, and community procurement regardless of their value will be subject to ADB's prior review and approval, subsequent contracts for similar work will be subject to post review.

Consulting Services	
Method	Comments
Consultant's Qualification Selection for Consulting Firm	EMA for safeguards
Quality- and Cost-Based Selection for Consulting Firm	CPMU will reruit PIC and DDCSC following QCBS procedures with a standard 80:20 ratio
Quality-Based Selection for Consulting Firm	CBDRM and NFFC packages

2. Goods and Works Contracts Estimated to Cost \$1 Million or More

The following table lists goods and works contracts for which the procurement activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CAM1-ICB -W02	Upgrading of Damnak Cheokrom Irrigation, System Main Canal	13,000,000.00	ICB	Prior	1S1E	Q4 / 2016	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works Comments: To be undertaken by CPMU
CAM2-ICB -W01	Construction of New Barrage on Pursat River	10,300,000.00	ICB	Prior	1S2E	Q2 / 2016	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works Comments: To be undertaken by CPMU
CAM3-ICB	Upgrading of Damnak	4,000,000.00	ICB	Prior	1S1E	Q1 / 2017	Prequalification

-W03	Cheokrom Irrigation System, Secondary Canals						of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: To be undertaken by CPMU
CAM4-ICB-W04	Upgrading of Damnak Cheokrom Irrigation System, Tertiary Canals	3,500,000.00	ICB	Prior	1S1E	Q2 / 2017	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: To be undertaken by CPMU

3. Consulting Services Contracts Estimated to Cost \$100,000 or More

The following table lists consulting services contracts for which the recruitment activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
None							

4. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000 (Smaller Value Contracts)

The following table lists smaller-value goods, works and consulting services contracts for which the activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CAM-5	Hydro-meteorological equipment	446,000.00	1	NCB	Prior	1S1E	Q3 / 2016	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods

								Comments: Procurement by CPMU with technical assistance from PIU.
CAM-6	Minor civil works and earthworks	150,000.00	1	NCB	Prior	1S1E	Q4 / 2016	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: Minor works for installing hydro-met equipment for NFFC. Procurement by CPMU with support of PIU.

Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
Package 5	External Safeguards Monitoring Agency	51,000.00	1	CQS	Prior	Q3 / 2016	BTP	Assignment: National Comments: Single contract to be procured by CPMU with support of IRC.

B. Indicative List of Packages Required Under the Project

The following table provides an indicative list of goods, works and consulting services contracts over the life of the project, other than those mentioned in previous sections (i.e., those expected beyond the current period).

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
None							
Consulting Services							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments

None							
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C. List of Awarded and On-going, and Completed Contracts

The following tables list the awarded and on-going contracts, and completed contracts.

1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
VEH-001	Vehicles	424,000.00	533,000.00	NCB	Q4 / 2014	02-MAR-15	
FM 01	Motorcycles	15,000.00	12,600.00	SHOPPING	Q4 / 2014	10-MAR-15	
OE 2	Office Equipment	50,000.00	48,371.00	SHOPPING	Q4 / 2014	03-FEB-15	
OE 1	Office Furniture	25,000.00	9,345.60	SHOPPING	Q4 / 2014	18-FEB-15	

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
GMS-FDR MMP-CS-0 03	Consultants for support to national flood forecasting center and to improve hydraulic design standards	1,312,000.00	1,638,325.10	QBS	Q4 / 2014	23-NOV-15	
GMS-FDR MMP-CS-0 04	Consultants/NG O/Institute - CBDRM and FWUC support	1,480,000.00	1,645,736.40	QBS	Q4 / 2014	26-AUG-15	
GMS-FDR MMP-CS-0 01	Project Implementation Consultants	2,190,100.00	2,045,230.00	QCBS	Q4 / 2012	31-MAR-15	
GMS-FDR MMP-CS-0 02	National consultants for detailed design and construction supervision	1,877,000.00	1,565,337.40	QCBS	Q4 / 2014	18-AUG-15	

D. National Competitive Bidding

A. Regulation and Reference Documents

1. The procedures to be followed for national competitive bidding shall be those set forth for the "National Competitive Bidding" method in the Government's Procurement Manual issued under Sub-Decree Number 74 ANKR.BK, updated version dated 22 May 2012 with the clarifications and modifications described in the following paragraphs. These clarifications and modifications are required for compliance with the provisions of the Procurement Guidelines.

2. For the procurement of ADB financed contracts under National Competitive Bidding (NCB) procedures, the use of harmonized national bidding documents (NCB and National Shopping) developed in consultation with development partners including ADB, is mandatory except where the Government and ADB have agreed to amendments to any part of the documents. The Procurement Manual also advises users to check the ADB website from time to time for any update on ADB documents, which form the basis, among others, of the

existing harmonized national bidding documents.

B. Procurement Procedures

1. Application

3. Contract packages subject to National Competitive Bidding procedures will be those identified as such in the project Procurement Plan. Any change to the mode of procurement of any procurement package in the Procurement Plan shall be made through updating of the Procurement Plan, and only with prior approval of ADB.

2. Sanctioning

4. Bidders shall not be declared ineligible or prohibited from bidding on the basis of barring procedures or sanction lists, except individuals and firms sanctioned by ADB, without prior approval of ADB.

3. Rejection of all Bids and Rebidding

5. The Borrower shall not reject all bids and solicit new bids without ADB's prior concurrence. Even when only one or a few bids is/are submitted, the bidding process may still be considered valid if the bid was satisfactorily advertised and prices are reasonable in comparison to market values.

4. Advertising

6. Bidding of NCB contracts shall be advertised on the ADB website via the posting of the Procurement Plan. Borrowers have the option of requesting ADB to post specific notices in the ADB website.

C. Bidding Documents

5. Use of Bidding Documents

7. The Standard National Competitive Bidding Documents provided with the Government's Procurement Manual shall be used to the extent possible both for the master bidding documents and the contract-specific bidding documents. The English language version of the procurement documents shall be submitted for ADB review and approval in accordance with agreed review procedures (post and prior review) as indicated in the Procurement Plan. The ADB-approved procurement documents will then be used as a model for all procurement financed by ADB for the project.

6. Bid Evaluation

8. Bidders shall not be eliminated from detailed evaluation on the basis of minor, non-substantial deviations.

9. A bidder shall not be required, as a condition for award of contract, to undertake obligations not specified in the bidding documents or otherwise to modify the bid as originally submitted.

7. Employer's Right to Accept or Reject Any or All Bids

10. The decision of the Employer to accept or reject any or all bids shall be made in a transparent manner and involve an obligation to inform of the grounds for the decision through the bid evaluation report.

8. ADB Policy Clauses

11. A provision shall be included in all NCB works and goods contracts financed by ADB requiring suppliers and contractors to permit ADB to inspect their accounts and records and other documents relating to the bid submission and the performance of the contract, and to have them audited by auditors appointed by ADB.

12. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that the Borrower shall reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question.

13. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that ADB will declare a firm or individual ineligible, either indefinitely or for a stated period, to be awarded a contract financed by ADB, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices or any integrity violation in competing for, or in executing, ADB-financed contract.

Annex 5: Time Bound Action Plan 2016 (adapted from ADB Aide Memoir, April 2016)

	Activity	Due Date	Responsibility
1	Support to National Flood Forecasting Center (NFFC) and to Improve Hydraulic Design Standards²		DHRW/NFFC Consultants
	Submit bidding documents for supply, installation and commission of hydro-meteorological stations for ADB review	12 April 2016	
	Submit revised Inception Report	25 April 2016	
	Assess hydro-meteorological network and data Acquisition System	15 June 2016	
	Complete flood and hazards assessment for Different Probabilities	15 December 2016	
	Quarterly/Annual Reports	15 June, 15 September and 15 December, 2016	
2	Detailed Design of Damnak Chheukrom Irrigation Sub-project		
2.1	Construction of new barrage		CPMU/PDWRAM/PIC/DDCS Consultants
	Submit bidding documents for ADB review	12 April 2016	
	Invite bids	2 May 2016	
	Submit bid evaluation report for ADB review	13 July 2016	
	Complete contract negotiations	10 August 2016	
	Award Contract	9 September 2016	
2.2	Main Canal		
	Complete Design, BoQ, cost estimate and bid document	30 June 2016	
	Submit bidding document for ADB review	18 July 2016	
	Invite bids	1 August 2016	
	Award contract	30 November 2016	
2.3	Secondary and Tertiary Canals		
	Complete Design, BoQ, cost estimate and bid documents	31 October 2016	
	Submit bidding documents for ADB review	15 November 2016	

²NFFC deliverables revised as per Work Breakdown Structure (WBS) presented in Draft Inception Report

	Activity	Due Date	Responsibility
	Invite bids	1 December 2016	
3	Community Based Disaster Risk Management (CBDRM) and Farmer Water Users Community (FWUC) Support		CPMU/PIC/CBDRM Consultants
	Establish CBDRM Advisory Group (CAG)	30 April 2016	
	Complete assessment of capacity building needs of the beneficiary communities	30 June 2016	
	Establish Farmer Water Users Community (FWUC)	30 September 2016	
	Submit Mid-term Report	9 September 2016	
4	Project Management		CPMU/PIC
	Monthly coordination meetings	Monthly	
	Submit Draft Project Performance Management System (PPMS)	12 April 2016	
	Pay monthly invoices of CBDRM Consultants for January, February and March 2016 from the Imprest Account	12 April 2016	
	Convene first Steering Committee meeting	May 2016	