



**Ministry of Public Works and Transport
Kingdom of Cambodia**

**GMS: Southern Economic
Corridor Towns Development
Project**

**Loan 2983-CAM(SF), Loan 8265-CAM(SCF)
Grant 0334-CAM (UEIF), Grant 0335-CAM (SCF)**

**Quarterly Report
1st Quarter 2019**

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ABBREVIATIONS AND ACRONYMS

ADB	-	Asian Development Bank
AHs	-	Affect Household
APs	-	Affect People
CS	-	Construction Supervision
CTDP	-	Corridor Towns Development Project
DED	-	Detailed Engineering Design
DMF	-	Design and Monitoring Framework
DMS	-	Detail Measurement Survey
DFEC	-	Declarations of Fraud and Ethical Conduct
EA	-	Executive Agency
EM	-	External Monitoring
EMP	-	Environmental Management Plan
FHH	-	Female Household Head
GAP	-	Gender Action Plan
GDR	-	General Department of Resettlement
GMS	-	Greater Mekong Sub-region
ICB	-	International Competitive Bidding
IEE	-	Initial Environmental Examination
IOL	-	Inventory of Loss
IRC	-	Inter-Ministerial Resettlement Committee
M&E	-	Monitoring and Evaluation
MEF	-	Ministry of Economy and Finance
MPWT	-	Ministry of Public Works and Transport
MRF	-	Material Recovery Facility
NCB	-	National Competitive Bidding
PAHs	-	Project Affect Households
PAP	-	Project-affected People
PIB	-	Public Information Booklet
PISCD	-	Project Implementation Support and Capacity Development
PIU	-	Project Implementation Unit
PMU	-	Project Management Unit
PPMS	-	Project Performance Management System
PPP	-	Public-Private Partnership
PRC	-	Procurement Review Committee
Q	-	Quarter
RGC	-	Royal Government of Cambodia
RP	-	Resettlement Plan
SDR	-	Special Drawing Rights
SEC	-	Southern Economic Corridor
SLEDP	-	Strategic Local Economic Development Plan
URP	-	Update Resettlement Plan
WWT	-	Wastewater Treatment

SECTION 1 INTRODUCTION AND BASIC DATA

1.1 PROJECT OVERVIEW

The Royal Government of Cambodia (RGC) has received loans and grants from the Asian Development Bank (ADB) towards the cost of the Greater Mekong Sub-region (GMS) Southern Economic Corridor Towns Development Project (the Project).

The Project will enhance the competitiveness of towns along the Southern Economic Corridor (SEC). The Project will transform the Cambodian corridor towns of Battambang, Bavet, Neak Loeung, and Poipet (see Figure 1.1) into economic hubs by improving urban-environmental infrastructure and strengthening institutional capacities of provincial and local authorities.

Figure 1.1
Location of Three Corridor Towns of CTDTP in Cambodia



The Project's expected outcome is improved urban infrastructure and enhanced climate resilience in Battambang, Bavet, Neak Loeung and Poipet. The Project will cover ten sub-projects comprising: (a) three sub-projects in Battambang, i.e. flood protection, wastewater treatment (WWT), and materials recovery facilities (MRF); (b) three in Bavet, i.e. urban roads, WWT, and MRF; (c) one in Neak Loeung, i.e. flood control; and (d) three in Poipet, i.e. WWT, solid waste management, and MRF.



1.2 BASIC DATA

Presented below are the basic Project data.

Project Title:	Greater Mekong Sub-region Southern Economic Corridor Towns Development Project		
Project Number:	43319-033		
Borrower:	Kingdom of Cambodia		
Executing Agency (EA) and Implementing Agencies (IA)	The EA of the Project is the Ministry of Public Works and Transport (MPWT). The EA assumes overall responsibility for the project implementation through the Project Management Unit (PMU). The Provincial Town Governor in each of the four Towns, in cooperation with PMU, has set up the PIUs for the implementation of sub-project activities. The key members of the PMU and PIUs are presented in Appendix A.		
Total Project Cost and Financing Plan			
Loan/Grant No.	Source of Funding	Amount (US\$ million)	Share of Total (%)
Loan 2983-CAM (SF)	Asia Development Fund	33.44 ^a	65.3
Loan 8265-CAM (SCF)	Strategic Climate Fund ^b	5.00	9.8
Grant 0335-CAM (SCF)	Strategic Climate Fund ^b	4.40	8.6
Grant 0334-CAM (UEIF)	Urban Environmental Infrastructure Fund Grant under the Urban Financing Partnership Facility ^c	1.50	2.9
	Government of Cambodia	6.87	13.4
	Total Project Cost	51.21	100.0

^a Revised due to the depreciation of the SDR against the US\$.

^b Under the Pilot Program for Climate Resilience financed by the Strategic Climate Fund. The ADB Strategic Climate Fund is administered by the Asian Development Bank.

^c Contributor: the Government of Sweden.

Date of Loan/Grant Approval	10 December 2012
Date of Signing of Agreement	17 January 2013
Date of Effectiveness	08 April 2013
Loan/Grant Closing Date	
Mid-Term Review	31 Dec 2022 (loan period is 9.74 years from date of effectiveness)
Revised	30 June 2021 (loan period is 8.23 years from date of effectiveness)
Original	30 June 2019 (loan period is 6.23 years from date of effectiveness)
Elapsed Loan Period	5.98 years from date of effectiveness (as of 31 March 2019) 61 % of Mid-Term Review revised loan period 73 % of revised loan period 96 % of original loan period
Dates of ADB Review Missions and Mid – Term Review	08 September – 01 October 2014; 01 – 11 December 2015; 09 – 22 August 2016; 18 – 30 October 2017; 21-29 May 2018 and Mid –Term Review 2-30 November 2018



Compared to the original plan, the implementation of the Project has been delayed by about 24 months. This is mainly due to delays in the procurement of detailed engineering design (DED) consultant and preparation of DED and bid documents. Based on this, a proposal for the extension of the loan/grant closing date by 24 months, from 30 June 2019 to 30 June 2021, was prepared by the EA/MEF for approval by ADB.

Following the new priority list and recent experience of each sub-project, it is expected that the project will be fully physically completed in 31 December 2022. Based on this, a proposal for the extension of the loan/grant closing date by 18 months, from 30 June 2021 to 31 December 2022, will be prepared by the EA/MEF for approval by ADB. Shown in **Appendix B** is the updated Overall Project Implementation Plan that takes into consideration the 18-month extension of the loan/grant closing date, and the prioritization of sub-projects.

1.3 REPORTING PERIOD

This Quarterly Report is for the 1st Quarter of 2019 (January-March 2019) reporting period. It provides a summary of accomplishments during the reporting period, compliance with safeguards and covenants, identifies major issues and concerns and recommends the action required, and lists activities to be carried out in this quarter.



SECTION 2 UTILIZATION OF FUNDS

2.1 REVISED PROJECT COST ESTIMATE

The Project cost estimate was amended to take into consideration: (i) the reallocation of loan/grant proceeds due to contract awards under some loan categories that already exceeded their allocation, and the prioritization of sub-projects such that total cost will be within the available budget; (ii) budget shortfalls arising from the depreciation of the SDR against the US\$; and (iii) extension of loan/grant closing date. Table 2.1 presents the revised Detailed Cost Estimate by Financier prepared by MEF, and approved by ADB.

Table 2.1
Revised Detailed Cost Estimate by Financier (US\$ million)

Reallocation of Loan and Grant Proceeds as Approved by ADB on 26 January 2017
(Greater Mekong Subregion Southern Economic Corridor Towns Development Project)

No.	Item	ADB Loan *		SCF Loan		SCF Grant		UFPF Grant		RGC				Total
		Amount	%	Amount	%	Amount	%	Amount	%	Nontax	Taxes	Amount	%	
1	Works	25.684	67.2	3.780	9.9	3.270	8.6	1.390	3.6	-	4.097	4.097	10.7	38.221
1A	CW: Wastewater Treatment and Flood Control	16.022	62.2	3.780	14.7	3.270	12.7	-	-	-	2.697	2.697	10.5	25.769
1B	CW: Road and Solid Waste Management	9.662	88.5	-	-	-	-	-	-	-	1.260	1.260	11.5	10.922
	Material Recovery Facilities	-	-	-	-	-	-	1.390	90.8	-	0.140	0.140	9.2	1.530
2	Consulting Services	3.317	69.7	0.739	15.5	0.702	14.8	-	-	-	-	-	-	4.758
2A	Project Implementation Support & CD	1.816	71.1	0.368	14.4	0.371	14.5	-	-	-	-	-	-	2.555
2B	Detailed Engineering Design	0.659	78.0	0.100	11.9	0.085	10.1	-	-	-	-	-	-	0.845
2C	Construction Supervision	0.730	58.6	0.270	21.7	0.246	19.7	-	-	-	-	-	-	1.246
2D	External Monitoring	0.113	100.0	-	-	-	-	-	-	-	-	-	-	0.113
3	Equipment	0.416	100.0	-	-	-	-	-	-	-	-	-	-	0.416
4	Training	0.136	100.0	-	-	-	-	-	-	-	-	-	-	0.136
5	Incremental Administration	0.651	50.7	0.001	0.1	0.001	0.1	-	-	0.630	-	0.630	49.1	1.283
5A	Project Management Unit	0.325	99.2	0.001	0.4	0.001	0.4	-	-	-	-	-	-	0.328
5B	Project Implementation Unit	0.325	100.0	-	-	-	-	-	-	-	-	-	-	0.325
5C	Salary Supplements	-	-	-	-	-	-	-	-	0.630	-	0.630	100.0	0.630
	Land Acquisition and Resettlement	-	-	-	-	-	-	-	-	1.650	-	1.650	100.0	1.650
6	Unallocated	2.427	62.1	0.467	11.9	0.427	10.9	0.110	2.8	0.096	0.385	0.481	12.3	3.910
7	Interest During Construction	0.810	98.4	0.013	1.6	-	-	-	-	-	-	-	-	0.823
	Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	33.440	65.3	5.000	9.8	4.400	8.6	1.500	2.9	2.376	4.482	6.858	13.4	51.198

* 1 SDR = 1.392 US\$

2.2 LOAN AND GRANT PROCEEDS

Loans and grants utilization by category, as of 31 March 2019 are indicated in **Appendix C**, and consolidated in **Table 2.2**.



Table 2.2
Consolidated Status of Loan and Grant Proceeds

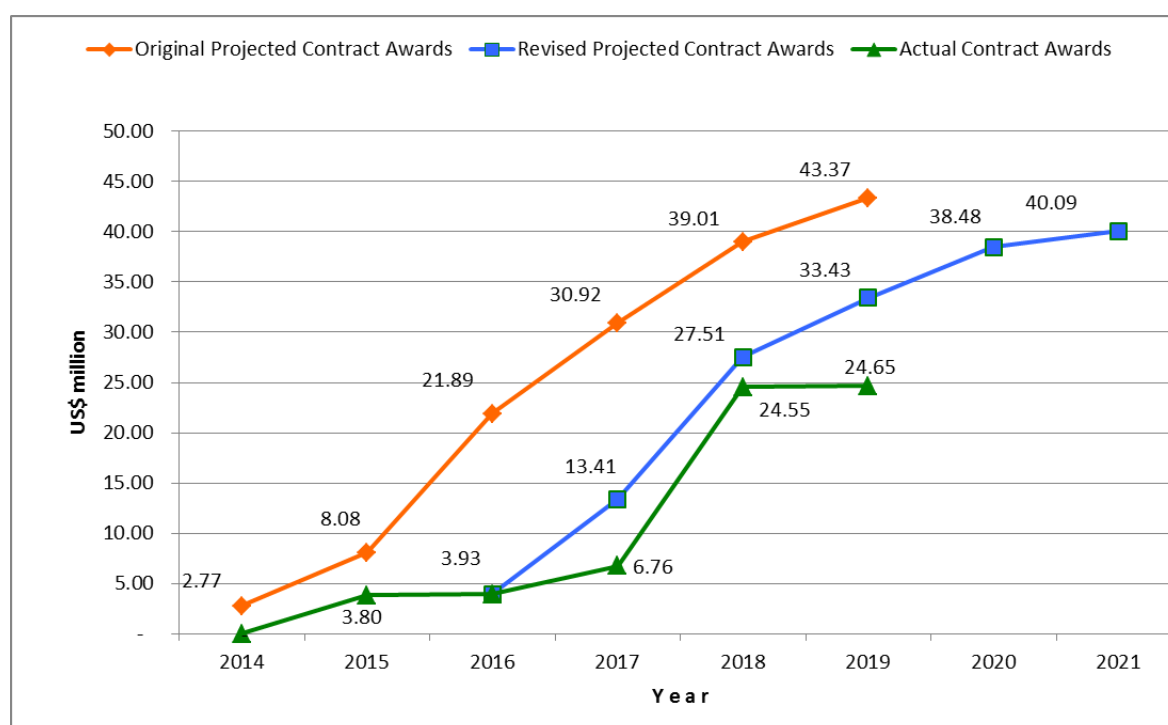
Loan/Grant No.	US Dollars					
	Allocation	Contracts Awarded	Uncontracted Loan Balance	Contracts Disbursed	Undisbursed Loan Balance	Undisbursed Contract Balance
	A	B	C = A - B	D	E = A - D	F = B - D
Loan 2983	33,552,915	18,001,628	15,551,287	8,343,130	25,209,785	9,658,498
Loan 8265	5,000,000	2,258,977	2,741,023	1,244,484	3,755,516	1,014,493
Grant 0334	1,500,000	1,500,000	-	1,350,000	150,000	150,000
Grant 0335	4,400,000	2,893,705	1,506,295	1,528,211	2,871,789	1,365,494
Total	44,452,915	24,654,311	19,798,604	12,465,825	31,987,090	12,188,486

2.3 CONTRACT AWARDS

During Q1 2019, the Construction Contract (CW-07) for the Poipet Wastewater Treatment (Storm water Drainage) Sub-project was awarded. As of 31 March 2019, the contracts awarded by PMU amounted to US\$24.65 million, or 55.5% of total loan and grant amount. **Figure 2.1** shows the S-curves of the cumulative actual contract awards and original and revised projections/targets. The revision of the targets was made based on the approved reallocation of loan/grant proceeds, and updated procurement plan.

According to the Mid-Term Review Mission, the PAM will be updated to reflect the changes specified in the MTR's MOU, including the change of scopes, project implementation schedule, financing and disbursement arrangements, CAD projections, Procurement Plan and DMF.

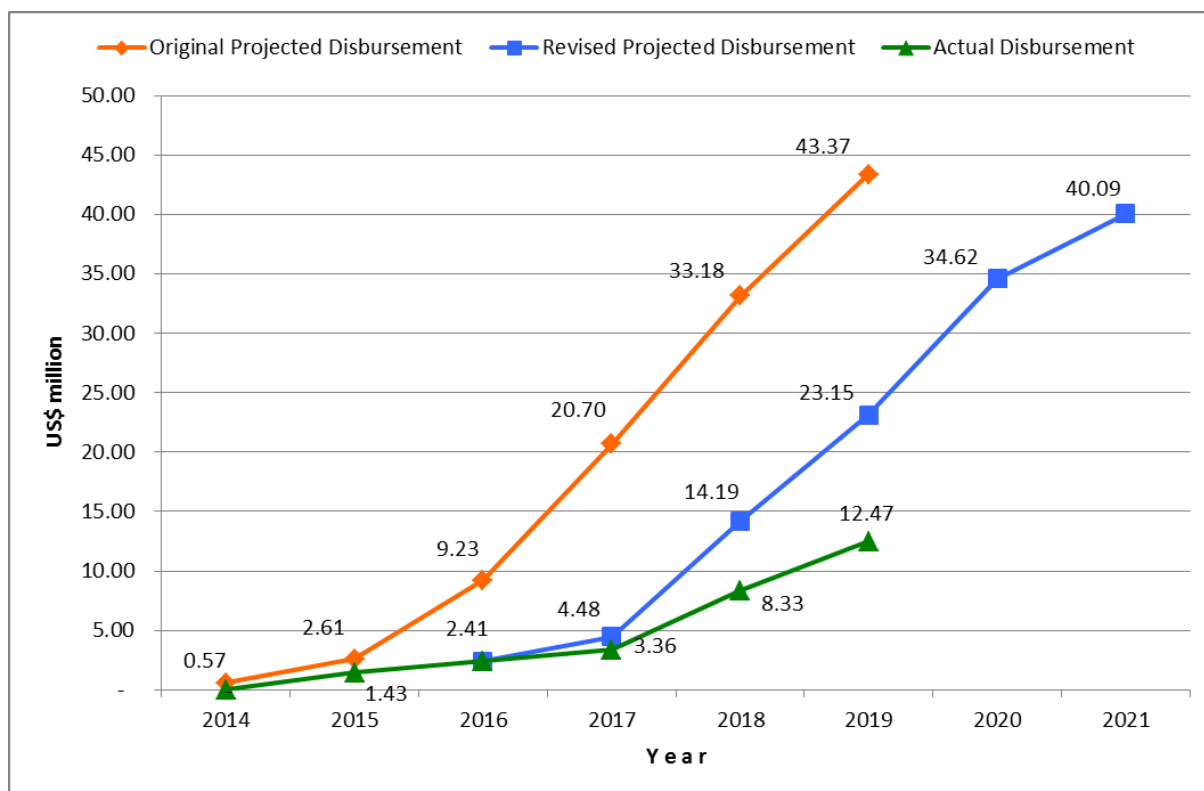
Figure 2.1
Cumulative Actual Versus Projected Contract Awards



2.4 DISBURSEMENT

Disbursements during Q1 2019 were made through direct payment of PISCD Consulting services, Construction Supervision services, Civil Work (Battambang Wastewater Treatment Storm water Drainage). So far, a total of US\$12.466 million, or 51% of total contract awards, has been disbursed. This is equivalent to 28% of total loan and grant amount. The S-curves of the cumulative actual disbursements and original and revised projections/targets are shown in **Figure 2.2**. The revision of the targets was made based on the revised projected contract awards and the revised overall project implementation plan.

Figure 2.2
Cumulative Actual Versus Projected Disbursements



2.5 COUNTERPART FUNDS

The replenishment of RGC counterpart imprest account was made during the reporting period is US\$13,650.00 PMU and PIU staff allowances were paid from the account's balance of the previous quarter. As of 31 March 2019, the total counterpart funds released to the Project was US\$277,082.85 or 4.03 % of total government contribution.



SECTION 3 IMPLEMENTATION PROGRESS

3.1 OVERALL PROGRESS

As of 31 March 2019, the estimated disbursement of the project is 28% and the estimated physical completion of the Project was about 63%; while the time elapsed from effectiveness date was 61% of Mid-Term Review revised loan period and 73 % of revised loan period (96% of the original loan period). The physical completion is indicated as a percentage derived from the estimate of the weight contributed by each activity as a percentage of the total project, consistent with the S-curve concept. The S-curve will be updated after the PAM is updated and approved by EA, MEF and ADB .

Civil Work:

The construction of Material Recovery Facilities in the three towns has been completed. The construction of the Bavet Urban Road and Battambang Wastewater Treatment (Stormwater Drainage) are in progress. The estimated physical progress of the Battambang Wastewater Treatment (Stormwater Drainage) is 62% and the Bavet Urban Road is 35%.

Field Activities, Meeting and Other:

ADB approved the EMPs for Battambang, Bavet and Poipet Field on December 2018. During Q1 2019, the Construction Contract (CW-07) for the Poipet Wastewater Treatment (Stormwater Drainage) Sub-project was awarded. A Mission visited Poipet on 07 February 2019. The Mission focused on safeguards progress for the Stormwater Drainage Sub-project.

The mission included a Consultation Meeting with PMU, PIU, and local authorities (including commune and villager chiefs) at the Poipet PIU meeting room. During the meeting, H.E Vong Pisith, Project Director, informed the participants about Project plans with construction of the stormwater drainage expected to start in early March 2019. Therefore, all agencies and the local authorities need to participate in the project, particularly the local authorities. All parties involved in project implementation must work together to implement safeguards plans. He emphasized that special attention should be paid to avoiding accidents to the community and workers, traffic jams, and other issues. He added that any assets damaged during construction by the Contractor must be restored to the original condition.

Construction will start with the Green Drainage Lines (i.e., those that have no resettlement impacts) (see **Appendix I**). The Yellow Drainage Lines have not been cleared completely, with respect to resettlement, so consultations with affected persons (AP) will continue. The Red Drainage Lines, require payment of compensation and confirmation from GDR, with respect to resettlement. Construction along the Yellow and Red Drainage Lines will not commence until they can be categorized as Green.

After the general and resettlement discussion, the ADB Environmental Safeguards Consultant stated that ADB had approved the EMP for Poipet, but recommends that an updated PIB be submitted to ADB for review and that the CEMP to be submitted to PMU/EA for review and approval prior to starting construction. Training on the approved EMP/CEMP including GRM is also required.

After the meeting, the mission team visited the Green Drainage Lines at PK, 0+64 and 0+164, and then visited PK, 0+065 and 0+572, and PK, 0+037 and 0+055 (see Appendix I). The Mission found that major impacts due to the construction will likely include traffic jams,



community and worker accidents, and noise. The ADB mission recommended that PMU and Contractor should take into account as following:

- The approved EMP and CEMP must be applied and strictly implemented. If any unexpected impact occurs during construction, the contracted contractor must solve and report to PIU and PMU immediately.
- PMU and PIU shall monitor the EMP and CEMP regularly.
- CEMP shall be developed by the Contractor and submitted to PMU for review and approval before starting construction works.
- PMU shall update the PIB to submit to ADB for review then disseminate the PIB to every AP/community before and during the construction; and the PIB including the GRM must be available at campsite board.
- The training on EMP including the GRM should be organized before and during construction works,

On 20 February 2019, EA, PMU and PISCD attended a consultation meeting with ADB at ADB's resident mission. The purpose of the meeting focused on progress of agreed Action Plan. The actual actions some are done & uploaded on ADB website, some not yet due but needed to start preparations, some to be confirmed (TBC) by MEF/PMU and some overdue-to be done urgently.

Environmental and Social Safeguard & Gender and Training Program:

Activities of Strengthening of Institutional Capacity (see Subsection 3.6) Environmental Safeguards (see Subsection 5.1), Resettlement (see Subsection 5.2), Implementation of Gender Action Plan (see Subsection 5.3) and Assessment of Project Performance through PPMS (see Section 4).

3.2 PROCUREMENT

The Project involves the procurement of: (i) civil works with an estimated amount of \$38.22 million; (ii) consulting services, \$4.76 million; (iii) goods and equipment, \$0.42 million; and (iv) training, \$0.14 million.

The Contract for Poipet Wastewater Treatment (Storm Drainage), CW-07 was signed on 28 February 2019.

3.2.1 Awarded and Ongoing, and Completed Contracts

In Q1 2019, the Contract for some activities were undertaken, as of end of Q1 2019, the status of procurement was as follows:

- Consulting services 7 contracts awarded: (i) PISCD Consultant (ongoing), (ii) DED Consultant (Contract expired), (iii) Procurement Specialist (completed), (iv) Financial Specialist (completed), (v) Construction Supervision (ongoing), (vi) Environmental Specialist (ongoing) and (vii) External Monitoring (ongoing). The recruitment of all consulting services has been completed



- Goods and Works all 6 contracts awarded and completed.
- Civil works

Table 3.1:
Completed Contracts, Awarded, Ongoing and Sub-projects Changed

Package Number	Completed Contracts		Remark
CW-01	MRFs awarded and completed (Battambang, Poipet and Bavet).		
	Ongoing Contracts		
CW-05	Bavet Urban Road awarded and ongoing		
CW-06	Battambang WWT (Stormwater Drainage) awarded and ongoing		
CW-07	Poipet WWT (Stormwater Drainage) awarded and ongoing		
	Contracts Awarded		
	Last Progress (Q4 2018)	Progress to Date (Q1 2019)	
CW-08	The draft Bidding Documents for Bavet Wastewater Treatment (Stormwater Drainage) were reviewed by ADB	The Bidding Documents were revised to address the ADB comments. The Detailed Engineering Design and Bidding Documents were subsequently revised to address comments from PMU and GDR.	
CW-10	During the Mid-Term Review Mission, the Neak Loeung Flood Control Dike was prioritized for implementation under the Project.	Proposal for Detailed Engineering Design and preparation of Bidding Documents was received from the Construction Supervision Consultant. Contract CW-10 is expected to be bid in Q3 2019	
	Sub-projects Changed		
CW-09a and CW-12	WWTP and Sewerage in Poipet proposed Multi-tranches Financing Facility (MFF) for the Water Supply and Sanitation Investment Program in 2020.		
CW-9b	Poipet Solid Waste Management is deferred subject to availability of funds.		
CW-13	WWTP and Sewerage in Battambang included in the Second Urban Environmental Management in Tonle Sap Basin Project (Loan 3684-CAM).		

3.2.2 Updated Procurement Plan

Due to budget shortfalls resulting from the depreciation of SDR, and underestimation of scope of civil works and cost of construction materials in the Feasibility Study, the EA and ADB understand that not all of the sub-projects could be covered under the current budget situation. The sub-projects were therefore prioritized and an updated Procurement Plan (see **Appendix D**) was prepared and agreed upon by the EA and ADB during Q1 2019.



3.3 CONSULTING SERVICES

To provide support during Project implementation, the following consultants are engaged: (i) Project Implementation Support and Capacity Development (PISCD), (ii) Detailed Engineering (DED) Consultant, (iii) Construction Supervision (CS) Consultant, (iv) External Monitoring (EM) Consultant, (v) Procurement Specialist, and (vi) Financial Specialist.

3.3.1 Project Implementation Support and Capacity Development (PISCD)

Contract No. ICB/MPWT/PMU/CTDP1/001 between the Ministry of Public Works and Transport and NJS Consultants Co., Ltd. in Joint Venture with Key Consultants (Cambodia) Ltd. was signed on August 4, 2014. The consultant began mobilizing the consulting team by August 15, 2014.

Activities of the PISCD Consultant included assisting the PMU with Procurement (see Subsection 3.2), Detailed Engineering Design (see Subsection 3.3.2), Strengthening of Institutional Capacity (see Subsection 3.6) Environmental Safeguards (see Subsection 5.1), Resettlement (see Subsection 5.2), Implementation of Gender Action Plan (see Subsection 5.3) and Assessment of Project Performance through PPMS (see Section 4).

The PISCD Consultants have also assisted PMU in the preparation of this Quarterly Report.

3.3.2 Detailed Engineering Design (DED)

During Q1 2019, the Bidding Documents for the Bavet Wastewater Treatment (Stormwater Drainage) Sub-project were revised to address the ADB comments. The Detailed Engineering Design and Bidding Documents were subsequently revised to address comments from PMU and GDR.

A Proposal for Detailed Engineering Design and preparation of Bidding Documents for the Neak Loeung Flood Control Sub-project was received from the Construction Supervision Consultant.

3.3.3 Construction Supervision (CS)

During Q1 2019, the Construction Supervision Consultant continued supervision of construction of the Battambang Wastewater Treatment (Stormwater Drainage) Sub-project and the Bavet Urban Road Sub-project. The Construction Supervision Consultant initiated supervision of the Poipet Wastewater Treatment (Stormwater Drainage) Sub-project. As of the end of Q1 2019, construction progress is as follows:

- a) Construction of Battambang Wastewater Treatment (Stormwater Drainage) Sub-project

Construction Activity & Progress of work:

1. Overall Physical Progress is 62%.
2. RC Box Drains along line L2 - 1 is in progress.
 - Excavation and laying of screed concrete for box drains.
 - Installation of rebar / form work and casting of box drains.
 - Back filling and compaction on excavated trenches.
 - Installation of cast iron manhole cover slabs.



- Construction of catch basins / manholes at site.
3. RC Pipes along line L1 – 2, L2 – 3 & L1 – 4 is in progress.
- Excavation and laying of screed concrete.
 - Laying of RC pipes.
 - Back filling and compaction on excavated trenches.
 - Construction of catch basins / manholes at site.
4. Restoration of damage road sections along line L1-1.
- b) Construction of Bavet Urban Road Sub-project (Pk 2+400 to 8+545 m)

Construction Activity & Progress of work:

1. Overall Physical Progress is 35%.

2. Activities in progress:

- Road way clearing, excavation and remove unsuitable material along the road sections (Pk 2+400 - 5+470 m and Pk 5+470 - 8+545 m).
- Embankment / Sub grade / Sub base material filling / compaction along the road sections (Pk 2+400 - 4+260 m and Pk 5+470 – 8+543 m).
- Laying of RC pipes dia. 600 mm, 800 mm & 1000 mm – 7580 m length is completed.
- Construction of Box Culvert at 2+580/3+240 m. At 5+510/6+380/7+320 m completed.
- Installation of pre-cast RC catch basins / manholes.
- Continuing delivery of materials such as embankment / sub grade / sub base filling / base course and precast catch basins / concrete curbs to the site and stock at the site yards.

The physical & financial progress of Sub-projects as of the end of Q1 2019 is shown in **Table 3.2:**

Table 3.2:
Physical and Financial Progress on 31 March 2019

Package No.	Name of the Sub-project	Date of Commencement of Work	Contract Amount (USD)	Work Done Amount (USD)	Financial Progress		Physical Progress	
					Target	Actual	Target	Actual
CW 02	Battambang Material Recovery Facility	25-Jul-17	424,991.84	459,617.55	Completed		100%	100%
CW 03	Bavet Material Recovery Facility	25-Jul-17	389,826.64	409,719.29	Completed		100%	100%



CW 04	Poipet Material Recovery Facility	25-Jul-17	359,571.12	630,663.16	Completed		100%	100%
CW 05	Bavet Urban Road Improvement	19-Mar-18	7,674,956.00	1,525,000.00	88.86%	32.00%	80.00%	35.00%
CW 06	Battambang Wastewater Treatment	01-Apr-18	9,368,943.03	3,575,000.00	62.82%	61.00%	66.00%	62.00%
CW 07	WWT Storm Drain - Poipet	2,583,030.00	Work commenced on 20.2.19	-	-	-	-	

3.3.4 External Monitoring (EM)

External Monitoring is part of the Safeguards Monitoring for the Project. Environmental and Social Safeguards are to be monitored during the pre-construction, construction and post-construction periods. The MEF has engaged an external monitoring consultant to provide EM for resettlement activities and implementation of the Resettlement Plan (RP). The MPWT has engaged one National Environmental Specialist to provide EM of the implementation of the Environmental Management Plan (EMP).

Semi-annual social safeguards monitoring reports for the project should be submitted as part of the internal monitoring of resettlement activities by the GDR/Department of Internal Monitoring and Data Management (DIMDM). DIMDM will prepare a consolidated report to reflect progress to date and submit it to ADB. The same report will also be shared with the External Monitoring Organization(EMO) for verifying information produced through the project monitoring process and facilitating the carrying out of any verification activities as stated in Schedule 5, para 9 (c) of the loan agreement.

As of 31 March 2019 External Monitoring implemented the following activities. Finalized first and second Semi-Annual Environment Safeguards Monitoring Report covering the period from July to December 2017 and from January to June 2018, These reports were submitted to ADB in February 2019. The third Environment Safeguards Monitoring Report covering the period from July to December 2018 will be submitted to ADB during April 2019.

3.3.5 Financial and Procurement Specialists

The Financial and Procurement Specialists who are contracted directly by the PMU are responsible for the preparation of Quarterly Financial Management Report, and updating the Procurement Plan and Construction Contract Tendering, respectively.

3.4 ADOPTION AND IMPLEMENTATION OF THE SLEDP (OUTPUT 1)

The SLEDPs for Bavet, Neak Loeung, Battambang and Poipet, which were all prepared in 2011, were reviewed by relevant Government agencies and provincial authorities, and adopted by these agencies/authorities.

The SLEDPs adopted and updated by these agencies/authorities as following:

1. Battambang adopted and updated on March 2017
2. Bavet adopted and updated on February 2017
3. Poipet adopted and updated on June 2018



4. Neak Loeung December 2014 (District level) and March 2018 (Commune level)

3.5 IMPLEMENTATION OF PRIORITY URBAN INFRASTRUCTURE INVESTMENTS (OUTPUT 2)

The construction of the three MRFs has been completed, three priority sub-projects are in the construction phase, one sub-project is in the drafted bidding document and changed DED and will submit to ADB to review, one other sub-project will expect to be bid in Q3 2019 and some sub-projects have been deferred.

It was agreed by the EA and ADB that the criteria for the prioritization of sub-projects be based on the importance and urgency of works to be done, and readiness in terms of safeguards requirements and detailed engineering designs. The agreed ranking of sub-projects, in order of priority, is shown in **Table 3.3**:

Table 3.3
Ranking of Sub-projects, in Order of Priority

Rank	Package	Sub-project	Readiness
1	CW02	Battambang Material Recovery Facility	No potential safeguards issues as MRF located adjacent to the existing dumpsite on land that belongs to Battambang town.
2	CW04	Poipet Material Recovery Facility	The MRF site is located on a public land proposed for the landfill. This land is currently utilized as source of borrow materials and has recently been almost completely excavated. The MRF site therefore was relocated south of the proposed landfill. The PIU has already acquired lands for new site of the MRF. IRC/MEF purchased land from landowner on 03 August 2017 for MRF construction (support document see in Appendix M).
3	CW03	Bavet Material Recovery Facility	The PIU acquired land south of National Road No.1 for the new site of the MRF. Reference letter No.013 dated 04 May 2018, Bavet Governor provide land 20 ha for construction of MRF and WWTP (support document see in Appendix M).
4	CW06	Battambang Wastewater Treatment (Drainage)	Construction activity is on-going in re-settlement free areas (free, minor and AP areas). IRC will compensate minor affected and affected people.
5	CW07	Poipet Wastewater Treatment(Drainage)	RP approved by ADB. IRC will compensate all affected people.
6	CW05	Bavet Urban Road	Construction activity is on-going in re-settlement free areas (free, minor and AP areas). IRC will compensate minor affected and affected people.
7	CW8	Bavet Wastewater Treatment (Drainage)	The Detailed Design and Bidding Documents were revised to minimize resettlement impacts. GRD is undertaking detailed measurement survey for preparation of the resettlement plan.



8	CW09b	Poipet Solid Waste Management	The implementation of this sub-project is deferred.
9	CW09a	Poipet Wastewater Treatment(Sewerage)	Sewerage in Poipet Town proposed Multi-tranches Financing Facility (MFF) for the Water Supply and Sanitation Investment Program in 2020. MEF letter No.4755 dated 31 May 2018, MEF purchase land for pumping station construction (Support document see in Appendix M).
10	CW12	Poipet Wastewater Treatment (Mechanical Wastewater Treatment plant)	WWTP in Poipet Town proposed Multi-tranches Financing Facility (MFF) for the Water Supply and Sanitation Investment Program in 2020. MEF letter No.4755 dated 31 May 2018, MEF purchase land for WWTP construction (support document see in Appendix M)

3.6 STRENGTHENING OF INSTITUTIONAL CAPACITY

The capacity development program is intended to ensure smooth implementation of urban infrastructure and to provide sustainable capacity development.

TOT training course on hygiene and environmental sanitation was conducted by the PISCD National Gender Specialist at the PIU offices in Bavet, Battambang and Poipet on 06-07 March, 12-13 March and 14-15 March 2019, respectively. There were 27 participants from the PIUs, women's affairs, commune chief, commune councils and village chief and deputy village chief in attendance in the training course.

So far, a total of 28 training were conducted by the PISCD Consultant, 755 participants attended in the training program, 240 of them are women, a complete list of which is presented in **Appendix E**.



SECTION 4 PROJECT PERFORMANCE

4.1 GENERAL

Project performance M&E includes tracking progress from the baseline situation against the targets and the indicators identified in the DMF, and assessing progress toward achieving the respective result level outputs, outcome and impact.

In this Project, although outputs, outcome and impacts will be achieved only as sub-projects are completed (some of the sub-projects sooner, others later; some fully, others partly), it is necessary to assess the likelihood or degree of the achievement of outputs, outcome and impact already during implementation. The subjectivity of the judgments involved can be reduced by taking into account the implementation progress and, equally important, by realistically reassessing the assumptions and risks that affect outputs and development objectives.

4.2 ASSESSMENT OF ASSUMPTIONS AND RISKS

Assumptions and risks are the external factors which cannot be controlled by the project manager or the executing agencies, but which influences the success of project implementation. These are identified in the DMF. Assumptions explain important conditions that affect project implementation, while risks are the probability or likelihood that key assumptions may not materialize. The assessment of assumptions and risks is presented in **Appendix F**. The main concern at the present is the low level of female participation in the training conducted so far, as compared to GAP target percentage of women participants in capacity development. Meanwhile, at the present is the low level of participation of participants in the training conducted so far, as compared to the target set in DMF.

4.3 PROJECT PERFORMANCE AGAINST THE TARGETS SET OUT IN THE DMF

M&E of performance indicators involves the tracking and assessment of the degree of attainment and sustainability of Project outputs, outcome and impact by comparing actual performance, as measured by its corresponding indicator, to the baseline and performance target.

The Project's performance against the targets set out in the DMF is reported in **Appendix G**. As of 31 March 2019, assessments of progress toward achieving Outputs 1 and 3 are being carried out since the activities toward attaining these outputs have commenced and are ongoing. Progress toward achieving Output 2, Outcome and Impact, however, can only be assessed upon completion of sub-projects and during their operation.

4.4 BASELINE VALUES, PERFORMANCE TARGETS FOR INDICATORS, AND PROJECTED ACHIEVEMENTS

The projected achievements of performance target values for the indicators in the project DMF has updated based on the results of civil work to be conducted in the 3rd, 4th quarters of 2017 and year of 2018. The baseline values and performance targets, and projected achievements that need to be updated, are discussed in **Appendix H**.



SECTION 5 COMPLIANCE WITH SAFEGUARDS AND COVENANTS

5.1 ENVIRONMENTAL SAFEGUARDS

ADB provided a Letter of No-Objection to the three updated EMPs on 4 January 2019. The EMPs were disclosed on ADB project's website on 2 January 2018. The revised IEE for Battambang, Bavet, and Poipet was submitted to ADB on February 26, 2019.

Final draft of IEIA report of Poipet sub-projects (WWTP and Sewerage) was agreed at a inter-ministry meeting on 3 January, 2019. IEIA report was revised in response to comments from the inter-ministry meeting, the revised IEIA for Poipet Sewerage and WWTP were submitted to MOE on February 28, 2019.

Updated Project information Booklets and organized project information disclosure to communities adjacent to sub-project sites, relevant authorities and the Contractor before construction is started at project sites. Project information disclosure meeting was organized on March 14-15, 2019 at Sangkat Poipet and Sangkat Pshakandal. Eighty-two participants, of which 32 are women, joined the meeting.

Environmental Monitoring was implemented during this Q1 2019. The monitoring was based on the field observations on 06 and 12 March 2019. Environmental mitigation performance was recorded on environmental monitoring sheets.

5.2 RESETTLEMENT

Activities to update the Resettlement Plans during Q1 2019 include the following:

- A meeting was conducted on 07 February 2019, meeting in Poipet with the Contractor for the Poipet Wastewater Treatment (Stormwater Drainage) Sub-project. Construction will start in areas where there are no resettlement impacts. Construction will continue in areas where there are resettlement impacts after GRD completes compensation of Affected Persons.
- The DMS for the Bavet Wastewater Treatment (Stormwater Drainage) Sub-project was conducted during January 2019. A Consultation Meeting with affected persons was conducted on 25 January 2019. A field visit to Bavet was made on 11 February 2019, to discuss the results of the DMS and distribute the PIB and PIB was updated the cut-off date by GDR.
- Resettlement plan for Bavet urban road and Battambang was submitted to GDR for review after submitted to ADB as commented.
- A meeting was conducted by ADB on 20 February 2019 ADB's Office at 10:00 am. The meeting focused on Agreed Action Plan progress. The Agreed Action Plan for Resettlement Activities is shown in Table 5.1.



Table 5.1:

Agreed Action Plan for Resettlement Activities

No.	Activities	Schedule	Actual Action
1	Approval of updated RP for Bavet Urban Road (CW-05)	31.Dec.18	To be done urgently
2	Approval of updated RP for Battambang Stormwater Drainage (CW-06)	15.Jan.19	To be done urgently
3	Approval of updated RP for Poipet Stormwater Drainage (CW-07)	17.Dec.18	Done on 25 Jan 19
4	Complete first RP screening and RP preparatory activities for Bavet Stormwater Drainage (CW-08)	Feb 2019	To be done (ongoing)
5	DDR for three MRFs (Poipet, Battambang and Bavet) Prepare DDR Review and Approve DDR before submission to ADB Review, approve and disclosure DDR	June 2019 July 2019 August 2019	To be done

- A meeting was conducted on 12 March 2019 for resettlement and social safeguards with PMU, GDR and ADB in Battambang. The meeting focused on three cases of affected persons (AP) along drainage in Ratanak village, Battambang province, PMU, GDR and ADB will resolve these three cases of affected people.
- A meeting was conducted on 25 March 2019 with Mr. Villa (PMU officer and a member of IRC-WG) to provide (i) missing data for Bavet Drainage, provided all DMS data for his requested, Mr. Penh Chea
- Updated URP for Bavet Urban Road. GDR submitted Bavet URP to ADB on dated 19 March 2019
- Updated Resettlement Plan URP for Battambang Wastewater (Stormwater Drainage and submitted to GDR for comments.

5.3 IMPLEMENTATION OF GENDER ACTION PLAN

During Q1 2019, the PISCD National Gender Specialist was remobilized. The following activities for implementation of Gender Action Plan were accomplished:

- Revised and finalized Report on Employment Market Assessment for Women in Poipet, Battambang, and Bavet in response to comments from ADB.
- Developed TOT manual and poster on Environmental Sanitation and Hygiene Promotion. The program is focused on concepts of hygiene and sanitation; developing communication / facilitation / interpersonal skills for PMU, selected health and sanitation promoters, DOWA and PIUs of the three towns (Poipet, Battambang, and Bavet). Conducted Environmental Sanitation and Hygiene Promotion in Poipet, Battambang, and Bavet.
- Monitored Contractors' utilization of unskilled women in the construction work. Supported Contractors' to ensure that the Gender Action Plant target of 30% women unskilled laborers is met.



- Supported PMU to work with Contractor in Bavet to review proposal and negotiate and agreement with a individual consultant to conduct training on HIV awareness to construction workers, women and girls in the project area.

GAP Implementation Progress is presented in **Appendix J**.

5.4 STATUS OF COMPLIANCE WITH LOAN COVENANTS, AND RISK ASSESSMENT AND RISK MANAGEMENT PLAN

There are 35 key loan covenants, out of which fourteen (28) are complied, two (2) are complied with, three (3) are compliance ongoing, one (1) is partly complied and one (1) is not yet due for compliance. The list of covenants under relevant categories and their status of compliance as of March 31, 2019 is provided in **Appendix K**.

The status of compliance with the Risk Assessment and Risk Management Plan is presented in **Appendix L**.



SECTION 6

MAJOR PROJECT ISSUES AND PROBLEMS, AND ACTIONS TAKEN

The major project issues and problems encountered, and actions taken during Q1 2019 are as follows:

Issues/Problems	Action Taken
1. The resettlement process is not yet completed for the Battambang Wastewater Treatment (Stormwater Drainage) Sub-project and the Bavet Urban Road Sub-project. This has delayed construction work.	Draft Updated Resettlement Plans were submitted to GDR for comments.
2. DMS of Bavet Wastewater Treatment (Stormwater Drainage) has not been completed, because one affected person (AP) did not allow measurement.	Bavet Town Governor prepared a letter to Svay Rieng provincial Governor to take action to address the affected person/.
3. Compensation is late to resolve Aps in Bavet, because RP not yet approve by ADB	Follow up RP approval from ADB
4. Contractors in Battambang and Bavet are not performing Environmental Effects Monitoring	Contractors were instructed to conduct the required monitoring specified in the EMPs.



SECTION 7 ACTIVITIES FOR THE NEXT STEPS

The work plan for the next steps is presented in **Table 7.1**.

Table 7.1
Work Plan for Next Steps (Q2 2019)

Main Task	Activities to be Carried out	Responsible	Agreed Due Date
Civil Work	Construction supervision and coordination works for implementation of Battambang, Poipet and Bavet Sub-projects.	PISCD & CS Consultant	Q2 2019
DED	DED of Neak Loeung Flood Control sub-project.	CS Consultant	Q2 2019
Procurement	- Sign contract for Bavet Storm Drain Sub-project - Bid document preparation Neak Loeung Flood Control (CW10) - Update procurement plan	Procurement Specialist	Q2 2019
Implementation of Gender Action Plan	- Continues support PMU to work with contractors in Bavet for hire Individual/NGO to conduct training on HIV awareness to construction workers, women and girls in the project area of Bavet. - Support PMU to work with contractor in Bavet to review proposal and negotiated with individual consultant who submitted proposal to conduct Road Safety Awareness to approximately 500 boys and girls of the primary which located in the project area. - Assist PIU to monitor civil work contractors regarding core labor issues and unskilled women in construction.	PISCD Social Safeguards & Gender Specialists	Q2 2019
Resettlement	- Processing DMS's Data for Bavet Drainage and clarifies with GDR after Updated Resettlement Plan - Processed Data Analysis/Data Tables and send to IRC-WG /GDR at MEF for accepted, after Updated Resettlement Plan. - Updated Resettlement Plan, after	PISCD Resettlement Specialists	Q2 2019



Main Task	Activities to be Carried out	Responsible	Agreed Due Date
	accepted all data collected from field by IRC-WG for submitted to Team Leader and PMU. Updated Resettlement Plan for Bavet Drainage when commented from PMU, GDR and ADB		
Environmental Safeguards	- Follow up IEIA Poipet Sewerage and WWTP was corrected and submit to MOE on February 28, 2019 and follow up revised IEE three towns Bavet, BB, and Poipet submit to ADB on February 26, 2019. - Submit letter to confirm MOE approval for Neak Loeung Flood Control. - Updated IEE and EMP Neak Loeung Flood Control sub-project. - Environmental Monitoring - Conduct training to new contractors in Bavet and Poipet - Sub-project information disclosure to communities at Bavet urban storm water drainage - Reviewed contractor's environmental monitoring report - Prepare third-annual environmental monitoring report covering period July to December 2018	PISCD Environmental Safeguards Specialist	Q2 2019
PPMS	- Updating of projected accomplishments of performance, baseline and target values. - Data collection/information for prepare draft of 2nd quarterly report 2019	PISCD PPMS Specialist	Q2 2019



APPENDIX A

KEY MEMBERS OF PROJECT MANAGEMENT UNIT AND PROJECT IMPLEMENTATION UNITS

A.1 Key Members of Project Management Unit

PMU Member	Project Responsibility	Phone
1. H.E. Vong Pisith	- Project Director	012 833 411
2. Mr. Pou Manith	- Procurement Officer	012 803 203
3. Ms. Thap Solini	- Financial Officer	
4. Mr. Vong Rada	- Technical Officer and Gender Focus Point	012 451545
5. Mr. Vong Litet	- Social & Environmental Affairs	
6. Mr. Chay Vila	- Municipal Development Planning	092 443 434
7. Mr. Sros Sitharith	- Impact Assessment	
8. Mr. Pal Piseth	- General Administrator	
9. Mr. Nuon Sikheng	- Liaison Officer	
10. Mr. Ung Sa Em	- Driver	
11. Mr. Nget Chan Goeun	- Driver	
12. Mr. Mao Chansok	- Driver	
13. Mrs. Srey Chea	- Office Support	

A.2 Key Members of Project Implementation Units

PIU Member	Project Responsibility	Phone
Battambang		
1. Mr. Chan Sambo	- Chief of PIU	092 930 966
2. Mr. Dy Pao	- Deputy Chief of PIU	
3. Mrs. Kem Sokuntheary	- Administrative & Financial Officer	092 818017
4. Mr. Prounh Rith Tha	- Technical Officer	
5. Mr. Song Soeung	- Technical Officer	012 975 250
6. Mr. Nou Chamroeun	- Urban Development Plan	017 339 986
7. Ms. Sok Kinna	- Social & Environmental Officer	012 479 030
8. Mrs. Toun Bopha	- Impact Assessment	
9. Mr. Nou Chhorvivann	- Coordinator and Gender Focus Point	017 260 560

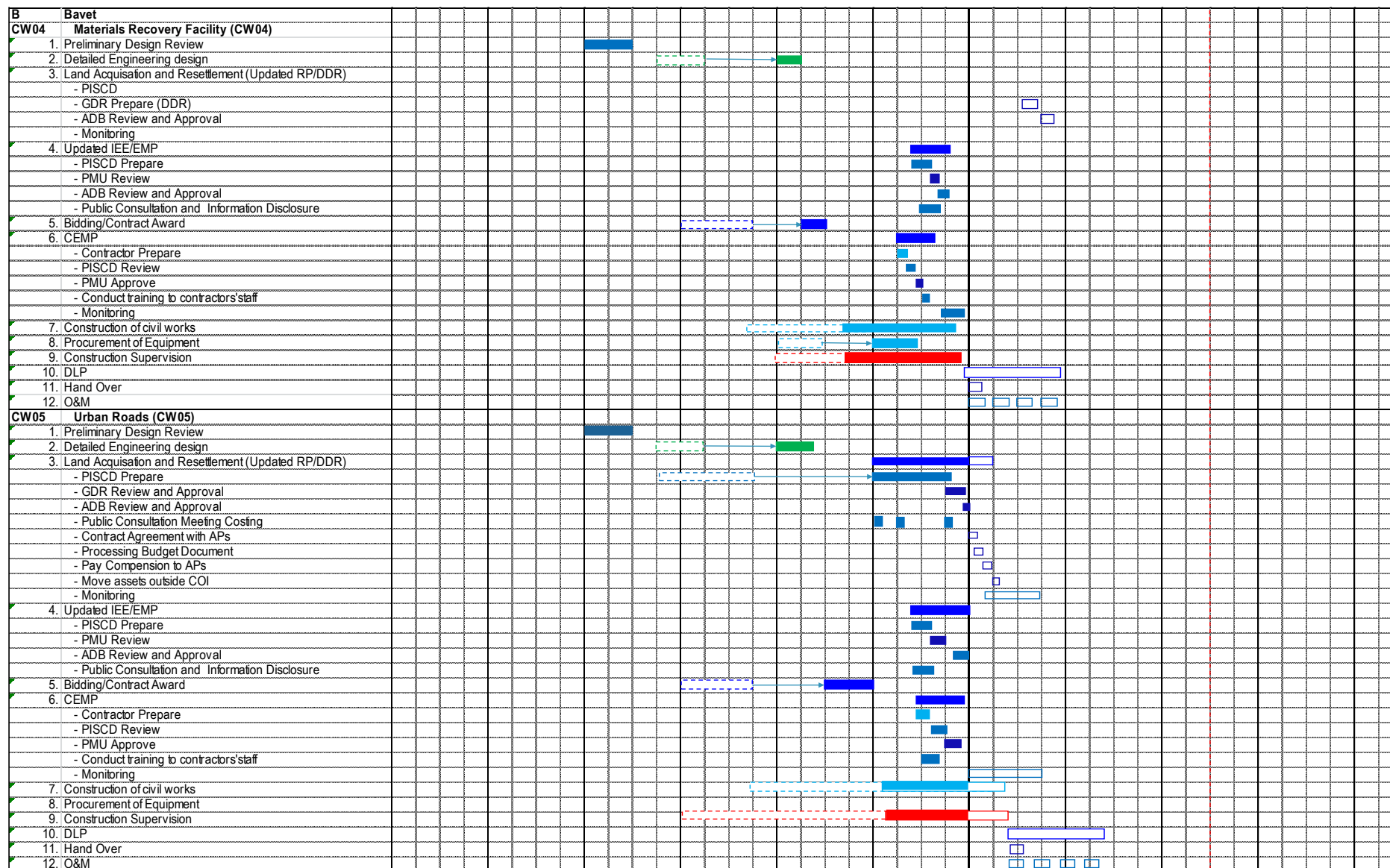


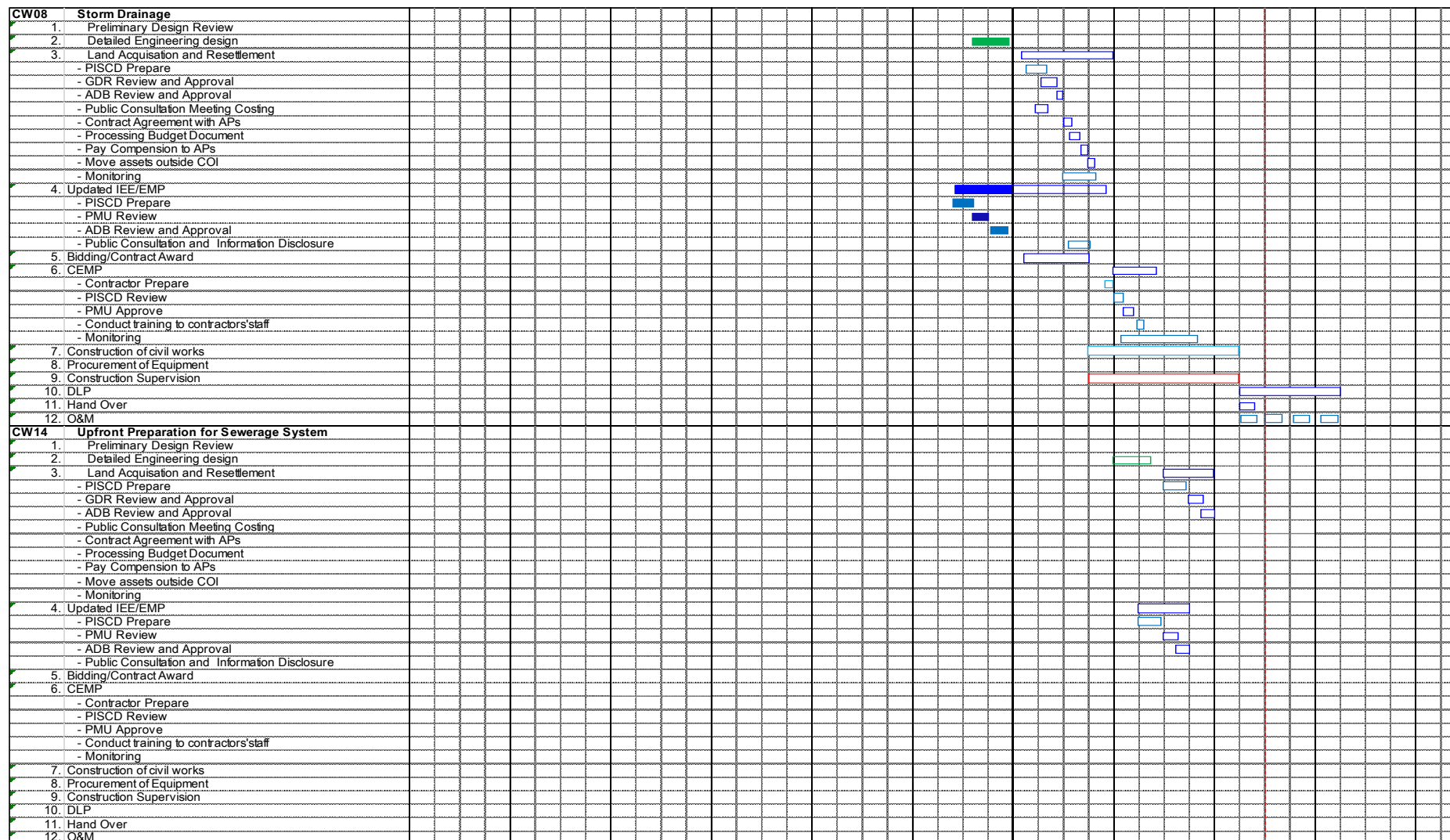
PIU Member	Project Responsibility	Phone
Poipet		
1. Mr. Chea Sovanthoun	- Chief of PIU	012 220 015
2. Mr. Touch Mony	- Deputy Chief of PIU	012 998 998
3. Mr. Chheang Monin	- Technical Officer	
4. Mr. Orn Siphea	- Technical Officer	012 686 196
5. Mr. Sok Penhnane	- Urban Development Plan	
6. Ms. Chhay Vannin	- Administrative & Financial Officer	012 509 158
7. Mr. Sang Sony	- Social & Environmental Officer	077 319 444
8. Ms. Sophal Leaphea	- Impact Assessment and Gender Focus Point	017 622 270
9. Mr. Rinh Bunchhuoy	- Coordinator	
Neak Loeung		
1. Mr. Kry Rathat	- Chief of PIU	012 497 374
2. Mr. Yaem Pheara	- Deputy Chief of PIU	097 249 3342
3. Mr. Nhem Sokheoun	- Technical Officer	
4. Mr. Chheung Choeun	- Urban Development Plan	
5. Mr. Khorn Phy	- Social & Environmental Officer	
6. Mrs. Phat Sreysros	- Gender & Public Campaign Officer	093 427 117
7. Mr. Prak Sareth	- Impact Assessment	
Bavet		
1. Mr. Noun Lihoun	- Chief of PIU	012 707 616
2. Mr. Ung Sa	- Deputy Chief of PIU	
3. Mr. Yun Raksmeay	- Technical Officer	
4. Mr. Sok Sophal	- Administrative & Financial Officer	097 751 6364
5. Mr. Keo Sarang	- Social & Environmental Officer and Gender Focus Point	088 6440544
6. Mr. Kham Rithy	- Urban Development Plan	097 481 1801



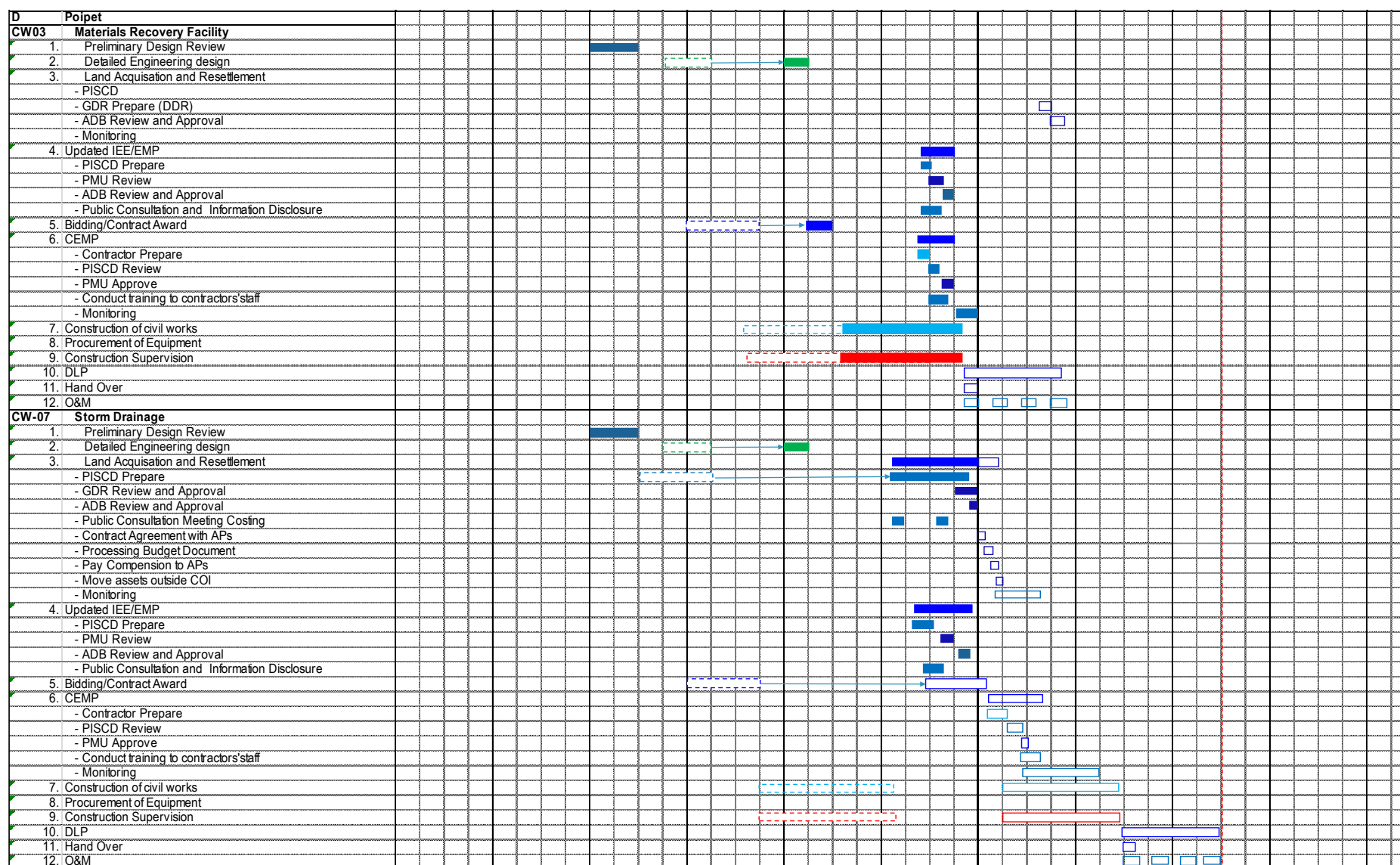
APPENDIX B

		OVERALL IMPLEMENTING SCHEDULE																																																											
		2013				2014				2015				2016				2017				2018				2019				2020				2021				2022				2023																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2										
	Loan Signing	■																																																											
	Loan Effectiveness	■																																																											
	RFP for PIS/CD consulting Service			■																																																									
	Proposal due for PIS/CD consulting Service			■																																																									
	Consultant Selection for PIS/CD Consulting Service			■		■																																																							
	Consultant Selection for DED Service					■		■																																																					
	Consultant Selection for Supervision Service							■		■																																																			
A	Battambang																																																												
CW02	Materials Recovery Facility																																																												
	1. Preliminary Design Review					■		■																																																					
	2. Detailed Engineering design									■		■																																																	
	3. Land Acquisition and Resettlement																																																												
	- PISCd																																																												
	- GDR Prepare (DDR)																																																												
	- ADB Review and Approval																																																												
	- Monitoring																																																												
	4. Updated IEE/EMP																																																												
	- PISCd Prepare																																																												
	- PMU Review																																																												
	- ADB Review and Approval																																																												
	- Public Consultation and Information Disclosure																																																												
	5. Bidding/Contract Award																																																												
	6. CEMP																																																												
	- Contractor Prepare																																																												





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Legends:

Quarterly Report, 1st Quarter 2019



APPENDIX C LOANS AND GRANTS UTILIZATION

Status of Loan Utilization (Loan 2983)

As of 31 Mar 2019							
Cat. Ref.	Category Name	US Dollars					
		Allocation	Contracts Awarded	Uncontracted Loan Balance	Contracts Disbursed	Undisbursed Loan Balance	Undisbursed Contract Balance
		A	B	C = A - B	D	E = A - D	F = B - D
01	Works		-	-	-	-	-
1A	CW- Battambang WWT	16,054,794	5,846,220	10,208,573	2,724,997	13,329,797	3,121,223
1B	CW- Road and Solid Waste M	9,706,962	7,674,956	2,032,006	1,932,407	7,774,555	5,742,549
02A	CS - PISCD	1,842,021	2,200,461	(358,440)	1,911,008	(68,987)	289,453
02B	CS - DED	659,297	882,448	(223,151)	629,004	30,293	253,444
02C	CS - Construction Supervision	726,789	713,065	13,724	221,782	505,007	491,283
02D	CS - External Monitoring	112,812	-	112,812	-	112,812	-
03	Equipment	418,237	367,305	50,932	367,281	50,956	24
04	Training	135,657	-	135,657	-	135,657	-
05A	Incremental Admin - PMU	330,636	239,952	90,685	156,495	174,141	83,456
05B	Incremental Admin - PIUs	327,110	77,221	249,889	75,783	251,327	1,438
06	Unallocated	2,427,879	-	2,427,879	-	2,427,879	-
07	Interest During Construction	810,934	-	810,934	85,768	725,166	(85,768)
99	Imprest Account	(212)	-	(212)	238,605	(238,817)	(238,605)
	Total	33,552,915	18,001,628	15,551,287	8,343,130	25,209,785	9,658,498

Status of Loan Utilization (Loan 8265)

As of 31 Mar 2019							
Cat. Ref.	Category Name	US Dollars					
		Allocation	Contracts Awarded	Uncontracted Loan Balance	Contracts Disbursed	Undisbursed Loan Balance	Undisbursed Contract Balance
		A	B	C = A - B	D	E = A - D	F = B - D
01	Works						
1A	CW- Battambang WWT	3,780,000	1,433,448	2,346,552	668,148	3,111,852	765,300
2A	CS - PISCD	368,163	437,015	(68,852)	365,212	2,951	71,802
2B	CS - DED	100,430	98,079	2,351	98,079	2,351	-
2C	CS - Construction Sup.	270,435	270,435	-	76,412	194,023	194,023
03	Incremental Administration	1,291	20,000	(18,709)	1,290	1	18,710
04	Service Charge	13,000	-	13,000	1,192	11,808	(1,192)
05	Unallocated	466,681	-			466,681	-
	Imprest Account			-	34,150	(34,150)	(34,150)
	Total	5,000,000	2,258,977	2,274,342	1,244,484	3,755,516	1,014,493



Status of Grant Utilization (Grant 0334)

As of 31 Mar 2019							
Cat. Ref.	Category Name	US Dollars					
		Allocation	Contracts Awarded	Uncontracted Loan Balance	Contracts Disbursed	Undisbursed Loan Balance	Undisbursed Contract Balance
		A	B	C = A - B	D	E = A - D	F = B - D
01	Works						
01	Material Recovery Facility	1,500,000	1,500,000	-	1,350,000	150,000	150,000
	Total	1,500,000	1,500,000	-	1,350,000	150,000	150,000

Status of Grant Utilization (Grant 0335)

As of 31 Mar 2019							
Cat. Ref.	Category Name	US Dollars					
		Allocation	Contracts Awarded	Uncontracted Loan Balance	Contracts Disbursed	Undisbursed Loan Balance	Undisbursed Contract Balance
		A	B	C = A - B	D	E = A - D	F = B - D
01	Works						
1A	CW- Battambang WWT	3,270,000	2,089,274	1,180,726	973,837	2,296,163	1,115,437
02A	CS - PISCD	370,756	440,092	(69,336)	367,784	2,972	72,308
02B	CS - DED	85,490	83,489	2,001	83,489	2,001	-
02C	CS - Construction Sup.	245,850	245,850	-	69,465	176,385	176,385
03	Incremental Administration	1,391	30,000	(28,609)	1,391	0	28,609
04	Unallocated	426,513	-	426,513	-	426,513	-
			5,000				5,000
	Imprest Account		-	-	32,245	(32,245)	(32,245)
	Total	4,400,000	2,893,705	1,511,295	1,528,211	2,871,789	1,365,494



APPENDIX D

UPDATED PROCUREMENT PLAN

(Updated as of 30 November 2018)

Basic Data

Project Name: Greater Mekong Subregion Southern Economic Corridor Towns Development Project	
Project Number: 43319-033	Approval Number: 2983/8265/0334/0335
Country: Cambodia	Executing Agency: Ministry of Public Works and
Project Procurement Classification: Category A	
Project Procurement Risk: Low	
Project Financing Amount: US\$ 54,780,000 ADB Financing: US\$ 37,000,000 Cofinancing (ADB Administered): US\$ 10,900,000 Non-ADB Financing: US\$ 6,880,000	Project Closing Date: - Original: 30 June 2019 - Revised: 30 June 2021 - Revised (Mid-Term Review): 31 Dec 2022
Date of First Procurement Plan: 10 December 2012	Date of this Procurement Plan: 06 December 2018

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\$ 1,000,000 and Above	
National Competitive Bidding for Goods	Beneath that stated for ICB, Goods	The first language version of National Competitive Bidding is subject to prior review, thereafter post review.
Shopping for Goods	Below US\$ 100,000	The first language version of shopping is subject to prior review, thereafter post review.
International Competitive Bidding for Works	US\$ 3,000,000 and Above	
National Competitive Bidding (NCB) for Works	Beneath that stated for ICB, Works	The first language version of National Competitive Bidding is subject to prior review, thereafter post review.
Shopping for Works	Below US\$ 100,000	The first language version of shopping is subject to prior review, thereafter post review.



Consulting Services	
Method	Comments
Consultant's Qualification Selection for Consulting Firm	Prior review
Quality- and Cost-Based Selection for Consulting Firm	Prior review
Individual Consultants Selection for Individual Consultant	Prior review

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 (US\$)	Number of Contracts	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW-07	Poipet Wastewater Treatment Subproject (Drainage)	2,600,000	1	NCB	Prior	1S1E	Q1 / 2018	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Based on SOP/PM of Cambodia
CW-08	Bavet Wastewater Treatment Subproject (Drainage)	6,900,000	1	ICB	Prior	1S1E	Q2 / 2019	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW-10	Neak Loeung Flood Control Subproject	8,800,000	1	ICB	Prior	1S1E	Q3 / 2019	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

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

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

Consulting Services							
Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/ Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments

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
G-08	Equipment (Rubber wheel backhoe 2 units, Crane mounted truck: 2 units, Vacuum truck: 2 units, High pressure cleaner (jet cleaning machine for sewer/storm drain): 1 unit, Traffic sign: 16 units and Traffic corner: 40 units)	450,000	1	NCB	Prior	1S1E	Subject to the availability of funds



Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
CW-09a	Poipet Wastewater Treatment Subproject (Sewerage)	4,800,000	1	ICB	Prior	1S1E	Subject to the availability of funds
CW-09b	Poipet Solid Waste Management Sub-project	6,230,000	1	ICB	Prior	1S1E	Subject to the availability of funds
CW-11	Battambang Flood Control Subproject	2,090,000	1	NCB	Prior	1S1E	Subject to the availability of funds
CW-12	Poipet Wastewater Treatment Subproject (Mechanical Plant)	6,000,000	1	ICB	Prior	1S1E	Subject to the availability of funds

Consulting Services							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments
NA							

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 (US\$)	Awarded Contract Value (US\$)	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
	Battambang Materials Recovery Facility Subproject	480,000	424,991.84	NCB	08-May-2017	07-Jul-17	Taing Cheng Oing Construction & Import Export Co., Ltd (VO1= US\$465,709.30)
	Bavet, Materials Recovery Facility Subproject	420,000	389,826.64	NCB	08-May-2017	07-Jul-17	Taing Cheng Oing Construction & Import Export Co., Ltd (VO1= US\$418,848.05)
	Poipet Materials Recovery Facility Subproject	490,000	359,571.12	NCB	08-May-2017	07-Jul-17	Taing Cheng Oing Construction & Import Export Co., Ltd (VO1= US\$615,442.65)



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Goods and Works							
Package Number	General Description	Estimated Value (US\$)	Awarded Contract Value (US\$)	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CW-06	Battambang Wastewater Treatment Subproject	12,000,000	9,368,943.03	ICB	Prior	03-Jan-18	Beijing Urban Construction Group Co., Ltd
CW-05	Bavet Urban Roads Subproject	9,900,000	7,674,956.00	ICB	Prior	13-Feb-18	MTA Construction Co., Ltd and Xinjiang Beixin Road and Bridge Group Co. Ltd (JV)

Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS-01	Project Implementation Support and Capacity Development	2,480,000	2,222,490.00	QCBS	Q1 / 2013	31-JUL-14	NJS Consultants Co., Ltd. VO7 =US\$2,59,2690 VO8 =US\$2,897,629.50
CS-03	Construction Supervision Consultants	1,750,000	1,229,250.00	QCBS	Q3/2015	05 Jan 17	Contract with RDC (lot1= US\$ 825,950, & Lot2= US\$297,300)
CS-06	National Environmental Specialist	60,000	40,934.00	ICS	Q1 / 2016	18 Aug 16	Contract with Mr. Bun San
CS-05	National Procurement Specialist	72,000	27,508.00	ICS	Q1 / 2016	9 June 16	Contract with Mr. Pheang Pheourn
CS-04	Financial Management Specialist	72,000	32,660.00	ICS	Q1 / 2016	9 June 16	Contract with Mr. Mao Dor

2. Completed Contracts

Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Date of Completion	Comments
G-01	Procurement of Vehicles	200,000	166,800.00	NCB	08-Apr-2015	06 Jul 2015	29-Jan-16	RMA (Cambodia) Co., Ltd
G-02	Procurement of Office Equipment	90,000	94,460.00	Shopping	26-Mar-2015	N/A	30-Nov-15	NEEKA Limited



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Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Date of Completion	Comments
G-03	Procurement of Office Furniture	35,000	24,945.00	Shopping without advertising	N/A	11-Nov-2015	18-Apr-16	LC Office Furniture Shop
G-04	Bavet Transformer 3 phase-100kva	5,000	11,626.00	Shopping without advertising	NA	NA	31-Aug-15	KROI KOR Electricity Supply
G-05	UAV (Drone)	45,000	78,045.00	Shopping	26- Mar -15	NA	30-Jun-16	ENVOSTAR Co., Ltd.
CW-01/1	PMU Office Renovation	15,000	15,091.31	Shopping without advertising	NA	8-Jan-15	25-Jan-16	TAING CHENG ONG CONSTRUCTION CO. LTD.
CW-01/2	Battambang Office Renovation	9,000	9,344.80	Shopping without advertising	NA	NA	24-Mar-16	Vong Reaksmeay
CW-01/3	Poipet Office Renovation	7,000	7,049.00	Shopping without advertising	NA	NA	25-May-16	T.M.3 Consulting Co., Ltd.
CW-01/4	Neak Loeung Office Renovation	9,000	9,990.00	Shopping without advertising	NA	NA	21-Apr-16	Y.S.B.
CW-01/5	Bavet Office Renovation	5,000	5,760.00	Shopping without advertising	NA	NA	12-Jul-16	Chhun Nary Import Export Co., Ltd. Construction Co. Ltd.
G-06	Accounting Software	3,000	2,595.00	Shopping without advertising	NA	NA	26-Sep-16	BIZDIMNSION CO., LTD
G-07	Supply & Installation of Parts for Ford Ranger Plate No. State 25 2-0607	6,000	6151.33	Shopping without advertising	NA	NA	21-Feb-17	RMA (Cambodia) Co., Ltd.
CS-02	DED consultants for all 10 subprojects	1,151,000	1,137,175.00	QCBS	Q3 / 2014	19-OCT-15	19Jun-17	FCG International Ltd.

D. National Competitive Bidding

A. Regulation and Reference Documents

- 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.



APPENDIX E

LIST OF CAPACITY DEVELOPMENT AND TRAINING CONDUCTED

Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				PMU	1	0	1
				PIU BB	2	1	3
				PIU PP	0	2	2
				PIU NL	0	2	2
				PIU BV	0	2	4
				Total	3	7	10
				PMU	0	0	0
				PIU BB	0	3	3
				PIU PP	0	3	3
				PIU NL	0	3	3
				PIU BV	0	2	2
				Total	0	11	11
				PMU	1	2	3
				PIU BB	2	2	4
				PIU PP	1	3	4
				PIU NL	1	3	4
				PIU BV	-	4	4
				Total	5	14	19
				PMU	1	2	3



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
	Approaches for Safeguards	2017	Poipet Municipality, Banteay Meanchey Province	PIU BB	2	2	4
				PIU PP	1	3	4
				PIU NL	1	3	4
				PIU BV	-	4	4
				Total	5	14	19
				PMU	-	2	2
				PIU BB	2	3	5
				PIU PP	2	2	4
				PIU NL	1	4	5
				PIU BV	-	4	4
				Total	5	15	20
				PMU	-	2	2
				PIU BB	2	3	5
				PIU PP	2	2	4
				PIU NL	1	4	5
				PIU BV	-	4	4
				Total	5	15	20
				PMU	-	-	-
				PIU BB	1	2	3
				PIU PP	-	2	2
				PIU NL	-	2	2
				PIU BV	-	2	2



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				Total	1	8	9
				PMU	1	2	3
				PIU BB	1	2	3
				PIU PP	-	2	2
				PIU NL	-	2	2
				PIU BV	-	2	2
				Total	2	10	12
				PMU	1	4	5
				PIU BB	2	2	4
				PIU PP	1	3	4
				PIU NL	1	3	4
				PIU BV	-	2	2
				Total	5	14	19
				PMU	-	3	3
				PIU BB	1	1	2
				PIU PP	1	1	2
				PIU NL	-	2	2
				PIU BV	-	2	2
				Total	2	9	11
				PMU	-	1	1
				PIU BB	2	2	4
				PIU PP	-	3	3



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				PIU NL	-	5	5
				PIU BV	-	4	4
				Total	2	15	17
				PMU	-	3	3
				PIU BB	2	2	4
				PIU PP	-	4	4
				PIU NL	-	6	6
				PIU BV	-	5	5
				Total	2	20	22
				PMU	1	1	2
				PIU BB	2	-	2
				PIU PP	1	3	4
				PIU NL	1	3	4
				PIU BV	-	3	3
				Total	5	10	15
				PMU	1	4	5
				PIU BB	2	2	4
				PIU PP	1	3	4
				PIU BV	-	4	4
				GMAG	1	-	1
				MoWA	1	-	1
				PDWA	3	-	3



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Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				PHD	2	-	2
				Contractor	-	3	3
				Total	11	16	27
				PMU	-	2	2
				PIU BB	-	1	1
				PIU PP	-	1	1
				PIU NL	-	1	1
				PIU BV	-	1	1
				Total	0	6	6
				PMU	-	2	2
				PIU BB	2	2	4
				PIU PP	1	3	4
				PIU NL	1	3	4
				PIU BV	-	4	4
				Total	4	14	18
				PMU	1	1	2
				PIU BB	1	2	3
				PIU PP	-	3	3
				PIU NL	-	2	2
				PIU BV	-	2	2
				Total	2	10	12
				PMU	-	3	3



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
	Management and Sanitary Landfill			PIU BB	1	2	3
				PIU PP	-	3	3
				PIU NL	-	2	2
				PIU BV	-	2	2
				Total	1	12	13
				PMU	1	3	4
				PIU BB	2	5	7
				PIU PP	1	8	9
				PIU NL	-	4	4
				PIU BV	-	5	5
				Total	4	25	29
				PMU	1	3	4
				PIU BB	2	5	7
				PIU PP	1	8	9
				PIU NL	-	4	4
				PIU BV	-	5	5
				Total	4	25	29
				PMU	1	3	4
				PIU BB	2	5	7
				PIU PP	1	8	9
				PIU NL	-	4	4
				PIU BV	-	5	5



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				Total	4	25	29
				PMU	1	3	4
				PIU BB	0	3	3
				PIU PP	0	3	3
				PIU NL	0	3	3
				PIU BV	0	3	3
				Total	1	15	16
				PMU	1	3	4
				PIU BB	-	3	3
				PIU PP	-	3	3
				PIU NL	-	3	3
				PIU BV	-	3	3
				Total	1	15	16
				PMU	-	2	2
				PIU BB	1	1	2
				PIU PP	-	2	2
				PIU NL	-	2	2
				PIU BV	-	2	2
				Total	1	9	10
				PMU	-	3	3
				PIU BB	3	3	6
				PIU PP	-	6	6



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				PIU NL	-	5	5
				PIU BV	-	5	5
				Total	3	22	25
24 Modules				Grand Total	78	356	434



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
				PMU	1	5	6
				PIU BB	1	2	3
				PIU PP	1	3	4
				PIU BV	-	3	3
				Sanitation promoters	3	3	6
				PDWA and DoWA	4	1	5
				Total	10	17	27
				Rattanak	67	40	107
				Ou Char	10	11	21
				Prek Preah Sdach	37	42	79
				Anlong Vil	24	20	44
				Total	138	113	251
				PMU			
				PIU BB			
				PIU PP			
				PIU NL			
				PIU BV			
				Total	11	16	27



Module	Title	Date	Venue	Agency	Participants		
					Female	Male	Total
01	Environmental Management and Monitoring Plan	19-20 July 2018	Contractor's campsite in Battambang	PMU	-	2	2
				PIU BB	1	1	2
				PIU PP	1	1	2
				Cont. Road	-	3	3
				PIU BV	-	2	2
				CS	-	1	1
				Cont. MRF	-	1	1
				Cont. Drainage BB	1	3	4
				Total	3	13	16
4 Courses				Grand Total	162	159	321



APPENDIX F ASSESSMENT OF ASSUMPTIONS AND RISKS

MONITORING AND EVALUATION OF ASSUMPTION AND RISKS
GMS: Southern Economic Towns Development Project

M&E Form no. 7A
Version: June 2015

Reporting Date: 31 March 2019
[Quarterly]

Prepared by: PMU/PIUs assisted by Nat'l. M&E Specialist
[PMU/PIUs]

Assumption / Risk for Outputs		Rating (HS,S,PS,U)	Assessment of Current Status
Assumptions:			
1.	Local authorities endorse the SLEDPs and associated budgets	S	Adopted SLEDPs by Battambang adopted on March 2017 Bavet adopted on February 2017 Poipet adopted on June 2018 Neak Loeung on March 2018
2.	Women's participation in SLEDP preparation increased, women's needs identified through participatory processes and reflected in the SLEDPs	S	SLEDPs were adopted by 2017 and 2018 when women's participation will be encouraged.
3.	Environmental and social risks can be mitigated	S	EMPs and RPs and was addressed in DED & adequately considered in the bid documents.
4.	Priority infrastructure will promote gender equality and/or women's empowerment by improving women's access to, and use of opportunities, services, resources, and assets; and contribute to increased participation in decision making	S	GAP will be addressed in the DED and adequately considered in the bid documents.
5.	Capacity development activities take gender balance into account	PS	20% of women participated in CD activities
6.	Specific training on gender aspects & issues provided to all staff of executing & implementing agencies & project implementing units	S	Specific training on Gender Action Plan & Gender sensitization and awareness provided to all staff, 44 staffs of PMU&PIUs attended in training, 9 out of them are women.
Risks:			
1.	Local authorities do not recognize the need for continued capacity development	Y	Satisfactory attendance in training



Risks:	Mitigated (Y/N)	Rating (HS,S,PS,U)	Assessment of Current Status
2. Required budgets for sustaining operations are not allocated	-	-	Not due yet as subprojects are in construction and DED phase.
3. Delayed or incomplete settlement of land acquisition and resettlement entitlements	Y	S	Resettlement activities to start in Q1 2017 and ongoing.
4. Lack of municipal quality control and performance evaluation	Y	HS	Construction works to start Q3 2017. CS started activities on Q1 2018

a/ HS = Highly Satisfactory; S = Satisfactory; PS = Progressing Satisfactorily; U = Unsatisfactory

MONITORING AND EVALUATION OF ASSUMPTION AND RISKS
GMS: Southern Economic Towns Development Project

M&E Form no. 7B
June 2015

Reporting Date: : 31 March 2019 Prepared by: PMU/PIUs assisted by Nat'l. M&E Specialist
[Quarterly] [PMU/PIUs]

Assumption / Risk for Outcome and Impact		Rating (HS,S,PS,U)	Assessment of Current Status
Outcome: Urban infrastructure improved and climate resilience enhanced in Battambang, Bavet, Neak Loeung, and Poipet - from 2018 to 2020			
Assumptions:			
The government remains committed to sustainable management of urban infrastructure as a national development priority		HS	There is strong support from National and provincial governments.
Risks:	Mitigated (Y/N)	Rating (HS,S,PS,U)	Assessment of Current Status
Government regulations do not fully support sustainable decentralized operation and maintenance of urban infrastructure	-	-	O&M of infrastructure to start by Q2 2019.
Impact: The towns of Battambang, Bavet, Neak Loeung & Poipet will become centers of economic activity in the Southern Economic Corridor - by 2025			
Assumptions:		Rating (HS,S,PS,U)	Assessment of Current Status
Government remains fully committed to the Project			
Risks:	Mitigated (Y/N)	Rating (HS,S,PS,U)	Assessment of Current Status
Corridor towns unable to collect revenue for wastewater treatment plants, sanitary landfill, and solid waste management	-	-	The implementation of these subprojects is deferred and change to new project start in 2020.

a/ HS = Highly Satisfactory; S = Satisfactory; PS = Progressing Satisfactorily; U = Unsatisfactory



APPENDIX G DMF TARGETS VS ACHIEVEMENTS

PROJECT PERFORMANCE MONITORING AND EVALUATION
GMS: Southern Economic Towns Development Project

M&E Form no. 8A
June 2015

Reporting Date: 31 March 2019 [Quarterly]

Prepared by: PMU/PIUs assisted by Nat'l. M&E Specialist
[PMU/PIU member in-charge of M&E/Impact Assessment]

Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
Output 1: SLEDPs adopted and implemented in Battambang, Bavet, Neak Loeung, and Poipet - by 2018			
1.1 SLEDPs with sex-specific and climate-resilience measures incorporated, adopted, & disclosed; updated as required. [Validation with PIUs and corridor towns in Q2 2015 for adoption and Q4 2018 for updating] [Updates on September 2018 from FDP and from gender specialist]	SLEDP of each town prepared in 2011	SLEDPs Adopted by Battambang adopted on March 2017 Bavet adopted on February 2017 Poipet adopted on June 2018 Neak Loeung on March 2018 SLEDPs of the 4 towns include sections on gender issues and measures to address these. Gender issues cited in the SLEDPs: Women are discriminated in the labor sector where	



Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
		they have lower wages than men; exposed to poor working conditions; Women particularly the female heads of households are not economically empowered and are not involved in decision-making in the community; because of low education; and much time spent in housework performing both tasks of men and women Women, especially young girls are at risk to human trafficking and the core labor issues; Women do not occupy leadership positions in the community	
1.2 Gender awareness and sensitization training conducted for 30 executing and implementing agency staff. [Updates from Training Implementation Consultant (TIC) upon completion of training in Q3 2016] [Updates from Training on Gender Action Planning on 4-5 January 2017 and Refresher course on GAP on 8-9 August 2018.]	Nil as of 2014	As per the attached training completion report, this training activity was already conducted by the PISCD last September, 2016. Total participants were 36 out of which 31 (86%) men and 5 (14%) women.	



Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
		A training on Gender Action Planning conducted on 4-5 January, 2017. Total number of participants was 14, 9 men (65%) and 5 (35%) women. Refresher course on GAP was conducted on 8-9 August 2018. A total 27 (11 female) participants attended the refresher course.	
Output 2: Priority urban infrastructure investments implemented - Priority infrastructure operational - by 2020			
30% of construction workers hired under the project are female <i>[Updates from CS Consultant from Q3 2017 to Q4 2020]</i>	Nil, as construction starts Q3 2017	Total of 37 construction workers in the MRFs in 3 towns, 10 are women (27%) and 27 (72%) are men. Total unskilled construction workers in the storm drainage sub-component of the waste water treatment subproject of Battambang and urban road subproject of Bavett is 144; 49 (34%) are women.	PIU to regularly monitor manpower status with civil works contractors. PMU and PIU to compel civil works contractors to hire more women unskilled laborers.
Battambang			
Wastewater treatment (PPCR)			
2.1 52,000 residents serviced by new and rehabilitated	31,000 residents currently	-	Assessment to start upon



Indicators (with Baseline and Performance Targets)		Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
wastewater treatment plants (capacity 2,800 cu m/day) by 2020. Flood events of facility reduced (based on 50-year flood frequency). <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i>		connected to existing sewerage system		completion of construction of storm water drainage canal and upgrade of existing WWTP western part is deferred.
Flood control (PPCR)				
2.2	Flood events of city center, near river, reduced (based on 50-year flood frequency), benefiting 15,120 persons by 2018.	"Before-project" number of persons affected by floods is ____ ^{a/}	-	The implementation of this flood control subproject is deferred.
Material recovery facility				
2.3	30 cu m of recyclables per day segregated benefiting 128,000 residents by 2018. <i>[Updates from CS Consultant upon completion of infrastructure in Q1 2019, and from infrastructure operator during operation from Q2 2019 onward]</i>	Nil, as the MRF is a new facility	-	Assessment to start upon completion of construction of MRF in Q1 2019 onwards.
Bavet				
Wastewater treatment (PPCR)				
2.4	29,000 residents serviced by wastewater treatment plant (capacity 255 cu m/day) by 2019. Flood events of facility reduced (based on 50-year flood frequency).	Nil as Bavet has no existing WWT	-	The implementation of this WWT subproject is deferred.
Urban roads				
2.5	6,14 km of main urban road upgraded with drainage structures, benefiting 37,100 residents by 2019. <i>[Updates based on local authorities' statistical data, and on-site verification, from Q2 2020 onward]</i>	"Before-project" number of persons that has access to existing road to be upgraded is ____ ^{a/}	-	Assessment to start upon completion of urban road upgrading in Q2 2020 onwards.



Indicators (with Baseline and Performance Targets)		Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
Material recovery facility				
2.6	30 cu m of recyclables per day segregated, benefiting 24,000 residents by 2018. <i>[Updates from CS Consultant upon completion of infrastructure in Q1 2019, and from infrastructure operator during operation from Q2 2019 onward]</i>	Nil as the MRF is a new facility	-	Assessment to start upon completion of construction of MRF in Q1 2019 onwards.
Neak Loeung				
Flood protection (PPCR)				
2.7	5.4 km flood protection dike constructed; 363 ha of residential and commercial areas protected from annual flooding (based on 50-year flood frequency), benefiting 24,700 residents by 2019.	“Before-project” number of persons residing within the subproject area is ____ ^{a/} .	-	The implementation of this flood protection subproject is under study.
Poipet				
Wastewater treatment (PPCR)				
2.8	65,000 residents serviced by wastewater treatment plant (capacity 16,400 cu m/day) by 2019. Flood events of facility reduced (based on 50-year flood frequency). <i>[Updates from CS Consultant upon completion of infrastructure in Q3 2020, and from infrastructure operator during operation from Q4 2020 onward]</i>	Nil as Poipet has no existing WWTP	-	Assessment to start upon completion of construction of WWTP in Q3 2020 onwards.
Solid waste management				
2.9	20 tons/day of solid waste deposited in sanitary landfill, benefiting 58,600 residents by 2019	Nil since the sanitary landfill is a new facility	-	The implementation of this subprojects is deferred.
Material recovery facility				
2.10	30 cu m of recyclables per day segregated, benefiting 58,600 residents by 2018. <i>[Updates from CS Consultant upon completion of infrastructure in Q1</i>	Nil as the MRF is a new facility	-	Assessment to start upon completion of construction of MRF in Q1 2019



Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
2019, and from infrastructure operator during operation from Q2 2019 onward]			onwards.
Output 3: Institutional capacity strengthened - by 2020			
3.1 2,000 people trained in project management and implementation, financial management, procurement, and social and environment safeguards; [Updates from TIC [TBD] & from Q3 2015 to Q2 2020] Gender targets achieved: staff quota of 30% women in the PMU and PIU with increased role in decision making. • Updates from PMU/PIUs from Q3 2015 onward] • [Updates from Gender Specialist during discussed refresher course on August 2018]	Nil as of 2014 as training starts Q3 2016 Nil	434 PMU and PIUs staffs trained, of which 78 (18%) are woman. 321 TOT, waste pickers, construction workers, entertainment workers, PMU and PIUs staffs trained, of which 162 (50%) are woman. Total PMU staffs are 10; 8 (80%) men and 2 women (20%) women. Even, this issue was already discussed during the Refresher Course on GAP in August 2018; PMU so far couldn't solve the issue on gender balance in the PMU and PIUs.	As of 31 March 2019, 28 training modules conducted for 755 TOT, waste pickers, construction workers, entertainment workers, PMU and PIUs staffs, of which 240 (32%) are woman. Gender action target may not be realized because the PMU has already existing staffs already in place even before start of project implementation. This issue will be addressed during the MTR; with support document to justify its re-targeting
Gender targets achieved: staff quota of 20% women in the PMU and PIU with increased role in decision making. [Updates from Mid-Term Review Mission 2-30 Nov 2018]	Nil	- 2 staffs (or 20%) of 10 PMU staffs are women - 7 staffs (22%) of 31 PIUs staffs are women. - All PMUs and PIUs staffs received gender sensitization training.	
3.2 Memorandum of agreement signed between implementing	As of 2015, no MOA		Assessment to start upon



Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (as of end of reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
agencies and district and corridor town authorities on subproject O&M and climate resilience measures <i>[Validation with PIUs and district and corridor towns, Q3 2017 onward]</i>	signed as construction starts Q3 2017		completion of construction onwards.
3.3 Women hold 30% of overall staff positions and 30% of the management positions in the PMU and PIU. <i>[Updates from PMU/PIUs from Q3 2015 onward]</i>	Nil	As of Q3 2018, women hold 20% of overall staff positions in PMU & 20% PIUs	
Women hold 20% of overall staff positions and 20% of the management positions in the PMU and PIU. <i>[Updates from Mid-Term Review Mission 2-30 Nov 2018]</i>	Nil	- 2 staffs (or 20%) of 10 PMU staffs are women - 7 staffs (22%) of 31 PIUs staffs are women.	

a/ To be determined/updated during the preliminary design review to be undertaken by the DED Consultant.

PROJECT PERFORMANCE MONITORING AND EVALUATION
GMS: Southern Economic Towns Development Project

M&E Form no. 8B
June 2015

Reporting Date: _____ 31 March 2019 _____ *[Quarterly]*

Prepared by: _____ PMU/PIUs assisted by Nat'l. M&E Specialist
[PMU/PIU member in-charge of M&E/Impact Assessment]

Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (during reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
Outcome: Urban infrastructure improved and climate resilience enhanced in Battambang, Bavet, Neak Loeung, and Poipet - from 2018 to 2020			
1. Improved access to urban infrastructure affects 558,220 inhabitants (cumulative figure) in four project towns.	In 2015, _____ a/ persons have access to existing infrastructure	-	Assessment to start upon completion of construction of infrastructure in four project town, onwards.
2. Annual economic impact of poor sanitation, accounting for a loss of \$33 in 2005 per capita per year, reduced by 40%.	Value of loss due to poor sanitation was \$32 in 2005	-	Assessment to start upon completion of construction of WWT subprojects,



Indicators (with Baseline and Performance Targets)	Baseline	Achievements/Status (during reporting period)	Assessment of Current Progress/ Status & Reason for any Negative Variance
			onwards.
3. Urban areas affected by perennial flooding reduced by 30%.	“Before- Project” total urban area affected by perennial flooding in Battambang and Neak Loeung is ____ ^{a/} ha.	-	Assessment to start upon completion of construction of flood control/protection subprojects, onwards.
Impact: The towns of Battambang, Bavet, Neak Loeung & Poipet will become centers of economic activity in the Southern Economic Corridor - by 2025			
1. In project towns (represented by provincial data): (i) trade services increased from 8.4% of GDP in 2007 to 18.4%; (ii) transport and communication services increased from 6.9% of GDP in 2007 to 16.9%; (iii) hotels & restaurant services increased from 4.3% of GDP in 2007 to 14.3%	Growth rates of subsectors in 2012 7.2% 7.6% 16.2%	-	Evaluation will be carried out by 2025 The implementation of this subprojects is deferred. The implementation of this subprojects is deferred. The implementation of this subprojects is deferred.
2. Employment opportunities for women (This refers to female employment in economic growth opportunities generated by the project, including construction, market trading, solid waste management, and recycling.) increased from 52% in 2012 to 53.5% (nationally).	Employment opportunities for women in the service sector was 47.8% in 2013	-	Evaluation will be carried out by 2025
3. Flood-affected population in Battambang and Neak Loeung reduced by 30% of regularly affected population (50,400 in 2012).	“Before-project” flood-affected population is ____ ^{a/} in 2015	-	Evaluation will be carried out by 2025

^{a/} To be determined/updated during the preliminary design review to be undertaken by the DED Consultant.



APPENDIX H

BASELINE VALUES, PERFORMANCE TARGETS FOR INDICATORS, AND PROJECTED ACHIEVEMENTS

Output 1: SLEDPs adopted & implemented

Indicator 1.1: Baseline: The SLEDPs for Battambang, Bavet, Neak Loeung and Poipet are currently available. These were all prepared in 2011.

Target: SLEDPs with sex-specific and climate-resilience measures incorporated, adopted, & disclosed; updated as required.

Projected Achievement: SLEDPs with sex-specific and climate-resilience measures incorporated, adopted, & disclosed by 2014; and updated by 2018.

Indicator 1.2: Baseline: As of 2014, no gender awareness and sensitization training has been conducted for executing and implementing agency staff.

Target: Gender awareness and sensitization training conducted for 30 executing and implementing agency staff.

Projected Achievement: Gender awareness and sensitization training conducted for 30 executing and implementing agency staff by 3rd quarter 2016.

Output 2: Priority urban infrastructure investment implemented

Battambang

Baseline: Battambang has an existing wastewater treatment plant (WWTP) in Chamkar Samraong serving the west part of the town. The WWTP has a capacity of 2,800 cu.m./day, built in 1994. Since 2014, the system is not functioning due to broken pump facilities and blocked conduits.

Target: 52,000 residents serviced by new and rehabilitated wastewater treatment plants (capacity 2,800 cu m/day) by 2020. Flood events of facility reduced (based on 50-year flood frequency).

Projected Achievement:

- 33,350 residents serviced by new wastewater treatment plant by 2020.
- The capacity of the new WWTP is 7,470 cu.m./day (Stage 1, design year is 2030).
- The new WWTP (completion of infrastructure in June 2020) will be servicing the following in the east part of the town by 2020:

Particular	Sangkat		Total
	Prek Preah Sdech	Rattanak	
Residents/Population	15,900	17,450	33,350
Commercial/Tourism Facilities	15	57	72
Public Facilities	2	4	6
Wastewater Generation (cu.m./day)	2,376	3,110	5,486

Source: PISCD, Battambang Wastewater Treatment Subproject Technical Assessment and Preliminary Design Report, July 2015.

- The rehabilitated WWTP (capacity 2,800 cu.m./day) will be servicing 18,650 residents, in the west part of the town, currently connected to the



existing sewerage system.

- Flood events of facility reduced (based on 50-year flood frequency).

Indicator 2.2: **Flood Control** Baseline: The extent of flooding in the subproject area in Battambang Municipality is as follows:

Sangkat	Total Area (ha)	Affected by Flood During Wet Season		
		% of Total Area	Area (ha)	Population
1. Svay Por	199	25	50	1,516
2. Preah Preah Sdach	294	50	147	7,444
3. Rottanak	505	40	202	8,072
Total			399	17,032

Source: Consolidated Sangkat Report on Flooding in Battambang. 2013

Validated with Chief of Commune Council of each Sangkat on 24 February 2016.

The projected year 2018 total population within the flood-prone areas in the three Sangkats is 18,800.

Target: Flood events of city center, near river, reduced (based on 50-year flood frequency), benefiting 15,120 persons by 2018.

Projected Achievement: Flood events of city center, near river, reduced (based on 50-year flood frequency), benefiting _____* persons by 2018.

The implementation of this Flood Control Subproject has been deferred.

* The reduction of flood events due to the subproject, and the number of persons benefited will be updated/determined during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

Indicator 2.3: **Material Recovery Facility** Baseline: The baseline value for the indicator is “nil” since subproject is construction of new MRF.

CINTRI is contracted, since 2010, to provide waste collection and disposal services in the town. A total of 7,249 households are served in 8 out of 11 sangkats. The present tonnage of solid waste that is collected daily is estimated to be 80-90 tons.

Source: Mr. To Thanarith, Operations Manager, CINTRI, Battambang, 24 February 2016.

Target: 30 cu m of recyclables per day segregated benefiting 128,000 residents by 2018.

It is noted that the target of 30 cu m of recyclables per day in the DMF is inconsistent with the value in the Feasibility Study of 60 cu m of recyclable per day.

Projected Achievement: 60 m³ or eight (8) tons of dry, source segregated and non-biodegradable waste processed per day.

Bavet

Baseline: Bavet has no existing WWTP, hence the baseline value for the indicator is “nil”.



Treatment Target: 29,000 residents serviced by wastewater treatment plant (capacity 255 cu m/day) by 2019. Flood events of facility reduced (based on 50-year flood frequency).

Projected Achievement: 22,990 residents serviced by wastewater treatment plant (capacity 3,950 cu.m./day) by 2019. Flood events of facility reduced (based on 50-year flood frequency).

The new WWTP (completion of infrastructure in December 2018) will be servicing the following in Sangkat Bavet by 2019:

- 22,990 residents/population
- 27 commercial facilities, and
- 10 public buildings

The capacity of the new WWTP is 3,950 cu.m./day (Stage 1, design year is 2025).

Source: PISCD, Bavet Wastewater Treatment Subproject Technical Assessment and Preliminary Design Report, July 2015.

Indicator 2.5: Urban Road Baseline: The subproject will benefit not only the residents of Bavet but also the traffic between Cambodia and Viet Nam.

The projected population of Bavet by 2019 (year of completion of construction) is 40,600.

Source: Subproject Feasibility Study, Bavet Urban Road, ADB TA 7644-REG, May 2012.

Number of persons/year entering Cambodia from Vietnam (2010 to 2015)

2010	2011	2012	2013	2014	2015
547,565	621,010	673,830	680,723	738,441	751,811

Number of persons/year exiting Cambodia to Vietnam (2010 to 2015)

2010	2011	2012	2013	2014	2015
559,074	644,208	725,104	733,451	749,568	775,432

Source: Immigration Office at Bavet Border Check Point. Collected by Mr. Keo Sarorng, Social & Environment Officer, Bavet PIU.

Target: 6, 14 km of main urban road upgraded with drainage structures, benefiting 37,100 residents by 2019.

Note: 37,100 is the population of Bavet in 2010.

Projected Achievement: 6, 14 km of main urban road upgraded with drainage structures, benefiting 40,600 residents by 2019.

Indicator 2.6: Material Recovery Facility Baseline: The baseline value for the indicator is “nil” since subproject is construction of new MRF.

Hybrid Garbage Co. Ltd. (HGCL) is contracted, since 18 September 2015, to provide waste collection and disposal services in the town. A total of 34,884 residents are served in 4 out of 5 sangkats. The present tonnage of solid waste that is collected daily is estimated to be 20-30 tons. The company collects waste from casinos, hotels, guesthouses, market, households, restaurants, commercial establishments and institutions at the urban sector of Bavet on daily basis (Monday through Sunday).

Source: Mr. Yen Chham, Administration Manager, Hybrid Garbage Co. Ltd, Bavet, 15 February 2016.

Target: 30 cu m of recyclables per day segregated, benefiting 24,000 residents by 2018.



Projected Achievement: 30 m³ or four (4) tons of dry, source segregated and non-biodegradable waste processed per day benefiting ____* residents by 2018.

Source: Subproject Feasibility Study, Bavet Material Recovery Facility, ADB TA 7644-REG.

* The original target value will be validated/updated during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

Neak Loeung

Baseline: The current population within the subproject area is 9,338 residents, as follows:

No. of House-holds	No. of Families	Population	Within the Flood Protection Area			
			Perce- tage	No. of House-holds	No. of Families	Population
Neak Loeung Commune						
1,538	1,781	8,864	60%	923	1,069	5,318
Prek Khsay Khor Commune						
2,282	2,351	11,485	35%	799	823	4,020
Total						
3,820	4,132	20,349		1,722	1,891	9,338

Source: Mr. Phum Samphorn, Deputy Governor, Peam Ror District, 16 February 2016.

Target: 5.4 km flood protection dike constructed; 363 ha of residential and commercial areas protected from annual flooding (based on 50-year flood frequency), benefiting 24,700 residents by 2019.

Projected Achievement: 3.9 km flood protection dike constructed by 2019; benefiting ____* residents and protecting 355 ha from annual flooding (based on 50-year flood frequency) for development into residential and commercial areas.

The implementation of this Flood Protection Subproject has been deferred.

* The length of the flood protection dike, and the number of residents and the hectareage of the area that will be protected will be updated/determined during the detailed engineering design to be undertaken by the DED Consultant.

Poipet

Baseline: Poipet has no existing WWTP, hence the baseline value for the indicator is “nil”.

Target: 65,000 residents serviced by wastewater treatment plant (capacity 16,400 cu m/day) by 2019. Flood events of facility reduced (based on 50-year flood frequency).

Projected Achievement: 45,790 residents serviced by wastewater treatment plant (capacity 7,660 cu m/day) by 2019. Flood events of facility reduced (based on 50-year flood frequency).

The new WWTP (completion of infrastructure in December 2018) will be servicing the following in Sangkat Poipet by 2019:

- 45,790 residents/population, and
- 29 commercial facilities

The capacity of the new WWTP is 7,660 cu m/day (Stage 1, design year is



2020).

Source: PISCD, Poipet Wastewater Treatment Subproject Technical Assessment and Preliminary Design Report, July 2015.

Indicator 2.9: **Solid Waste Management** Baseline: The baseline value for the indicator is “nil” since the sanitary landfill is a new facility.

Poipet Cleaner is contracted, since 2008, to provide waste collection and disposal services in the town. A total of 2,200 households are served in 2 out of 3 sangkats. The present tonnage of solid waste that is collected daily is estimated to be 50-65 tons. Of which, an average of about 28 tons/day are collected from hotels/casino and other business and institutional establishments, and an average of about 35 tons/day are collected from households.

Source: Ms. Sareoung Sophea, Poipet Cleaner, 25 February 2016.

Target: 20 tons/day of solid waste deposited in sanitary landfill, benefiting 58,600 residents by 2019

Projected Accomplishment: ____* tons/day of solid waste deposited in sanitary landfill, benefiting ____* residents by 2019

The implementation of this Solid Waste Management Subproject has been deferred.

* The original targets will be verified/updated during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

Baseline: The baseline value for the indicator is “nil” since subproject is construction of new MRF.

Target: 30 cu m of recyclables per day segregated, benefiting 58,600 residents by 2018.

Projected Achievement: 60 m³ or eight (8) tons of dry, source segregated and non-biodegradable waste processed per day benefiting ____* residents by 2018.

Source: Subproject Feasibility Study, Poipet Material Recovery Facility, ADB TA 7644-REG, June 2012.

* The original target value will be validated/updated during the preliminary design review detailed engineering design to be undertaken by the DED Consultant.

Output 3: Institutional capacity strengthened

Indicators 3.1, 3.2 & 3.3: Baseline: The SECTDP is considered as the first major urban sector development assistance of the ADB in the GMS that integrates urban environment improvement and economic infrastructure with institutional capacity development for sustained economic growth. Hence the baseline value for these indicators is “nil”.

Target: The performance targets of these indicators are as specified in the DMF.

Outcome: Urban infrastructure improved and climate resilience enhanced in Battambang, Bavet, Neak Loeung, and Poipet

Indicator 1: Baseline: The “before-project” number of inhabitants/individuals that have access to existing urban infrastructure that are to be rehabilitated/upgraded in the subprojects is the total of the baseline values of Output 2 Indicators 2.1 and 2.5, as follows:

Particular	Value
Residents presently connected to existing sewerage system and	18,650



WWTP that will be rehabilitated in Battambang.	
Present traffic volume (residents/individuals) of main urban road to be upgraded in Bavet.	_____ *
Total number of inhabitants/individuals that have access to existing urban infrastructure	_____ *

* To be determined/updated during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

Target: Improved access to urban infrastructure affects 558,220 inhabitants (cumulative figure) in four project towns.

Projected Accomplishment: Improved access to urban infrastructure affects _____ inhabitants (cumulative figure) in four project towns.

This is the total of the target number of residents/individuals benefiting from the urban infrastructure subprojects, i.e. total of targets for Indicators 2.1 to 2.10, as follows:

Town/ Indicator no.	Indicator	Updated Target
Battambang		
2.1	No. of residents serviced by new & rehabilitated WWTP	52,000
2.2	No. of persons benefiting from flood control	_____ *
2.3	No. of residents benefiting from MRF	_____ *
Bavet		
2.4	No. of residents serviced by WWTP	22,990
2.5	No. of residents/individuals benefiting from upgraded urban road	_____ *
2.6	No. of residents benefiting from MRF	_____ *
Neak Loeung		
2.7	No. of persons benefiting from flood protection	_____ *
Poipet		
2.8	No. of residents serviced by WWTP	45,790
2.9	No. of residents benefiting from sanitary landfill	_____ *
2.10	No. of residents benefiting from MRF	_____ *
Total inhabitants having improves access to urban infrastructure		_____ *

* To be determined/updated during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

Indicator 2: **Baseline:** Economic loss due to poor sanitation was \$32 per capita in year 2005.

Source: *Economic Impacts of Sanitation in Cambodia, Summary. Water and Sanitation Program – East Asia and the Pacific (WSP-EAP). World Bank. 2008*

Target: Annual economic impact of poor sanitation, accounting for a loss of \$33 in 2005 per capita per year, reduced by 40%.

Projected Accomplishment: Annual economic impact of poor sanitation, accounting for a loss of \$32 in 2005 per capita per year, reduced by 40%.

Indicator 3: **Baseline:** The “before-project” total hectarage of urban areas affected by perennial flooding in Battambang and Neak Loeung, is as follows:



Town	Urban areas presently affected by perennial flooding, hectares
Battambang.	_____*
Neak Loeung	335
Total	_____*

* To be determined/updated during the preliminary design review & detailed engineering design to be undertaken by DED Consultant.

Target: Urban areas affected by perennial flooding reduced by 30%.

This is the total of the target hectareage of urban areas (i) benefiting from reduction of flood events, due to the flood control subproject in Battambang; and (ii) protected from annual flooding, due to the flood protection subproject in Neak Loeung. This is expressed as a percentage of the baseline value.

Town/ Indicator no.	“Before-project” (baseline) urban areas affected by perennial flooding Hectare	Urban areas protected from flooding due to flood control/protection subprojects	
		Hectare	% **
Battambang / 2.2	_____*	_____*	_____**
Neak Loeung / 2.7	335	335	100
Total	_____*	_____*	_____**

* To be determined/updated during the preliminary design review and detailed engineering design to be undertaken by the DED Consultant.

** Urban areas protected from flooding due to flood control/protection subprojects as a percentage of “before-project” (baseline) urban areas affected by perennial flooding.



APPENDIX I STATUS OF THE RESETTLEMENT IMPACT IN POIPEL



KINGDOM OF CAMBODIA
MINISTRY OF PUBLIC WORKS AND TRANSPORTATION
SOUTHERN ECONOMIC CORRIDOR TOWNS DEVELOPMENT PROJECT



Present status of the Resettlement Impact for Poipel

No	Status of Re-settlement	LINE	PK:		Length (m)	Remarks
			Start Point	End Point		
1		Line-1	0+064	0+164	100	Line Free Resettlement Impact
		Line-2	0+065	0+572	507	
		Line-3	0+037	0+055	18	
		Line-4	0+018	0+047	29	
	Total -1				654	
2		Line-1	0+350	0+497	147	Line Minor Resettlement Impact
			0+000	0+064	64	
		Line-2	0+000	0+065	65	
		Line-3	0+000	0+037	37	
		Line-4	0+000	0+018	18	
	Total -2				331	
3		Line-1	0+164	0+350	186	Line Major Resettlement Impact
		Line-2	N/A	N/A	0	
		Line-3	0+055	0+508	453	
		Line-4	0+047	0+232	185	
	Total -3				824	
4	GRAND TOTAL				1809	

SUMMARY		
Re-settlement Impact	Total(m)	%
Free Resettlement Impact	654	36.15
Minor Resettlement Impact	331	18.30
Major Resettlement Impact	824	45.55
Total Length	1809.00	100.00





APPENDIX J
GENDER ACTION PLAN (GAP) MONITORING TABLE
Date of Update: 1 January- 31 March 2019

Project Title:	Greater Mekong Sub-region Southern Economic Corridor Towns Development Project ¹
Country:	Cambodia
Project No.	43319-033
Type of Project (Loan/Grant/TA):	Loan 2983
Approval and Timeline:	Approval 10 December 2012
Gender Category:	Effective Gender Mainstreaming (EGM)
Project Officer:	Mr. Ratha Sann
Project Impact:	The towns of Battambang, Bavet, Neak Loeung, and Poipet will become centers of economic activity in the Southern Economic Corridor
Project Outcome:	Urban infrastructure improved and climate resilience enhanced in Battambang, Bavet, Neak Loeung, and Poipet

Document 1: Progress of Gender Action Plan Implementation
Document 2: Status of Compliance with DMF

¹ The project was approved by the board on 10 December 2012, the effective date is on 08 April 2013 and estimated loan closing date on 30 June 2019. The total investment cost is estimated at \$ 54.78 million. Four corridor towns along the Southern Economic Corridor (SEC) were selected as project areas based on their economic potential, infrastructure constraints, and expressed commitment: Battambang, Bavet, Neak Leung, and Poipet.



1) Progress of Gender Action Plan Implementation

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to Date This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges
Output 1 (GAP): Strategic Local Economic Development Plan (SLEDP) adopted and implemented		
1.1. GAP Component 1 - Institutional Strengthening for Gender and Development (funded under capacity development and training)		
Gender issues reflected and mainstreamed in planning documents including socio-economic development plans and master plans Responsibility: Reviewed by Kol Prapey, Social Safeguard/Gender Specialist Time: October 2018 Revised by Hor Sakphea, Social Safeguard/Gender Specialist Time: December 2018 Action1: Achieved	SLEDPs of the 4 towns include sections on gender issues and measures to address these. Gender issues cited in the SLEDPs: • School dropped out for poor girls to find job to support family; • Gender-based violence; • Women particularly the female heads of households are not economically empowered and are not involved in decision-making in the community; because of low education; and much time spent in housework performing both tasks of men and women; • Women, especially young girls are at risk to human trafficking and the core labor issues; • Women do not occupy leadership positions in the	



	community; • Rural pregnant women have low knowledge on maternity health. Action in SLEDP: • Disseminating information on preventive anthelmintic treatment; • Disseminating law on gender-based violence; • Disseminating and promoting women and children’s right; • Disseminating law on human trafficking; • Provide food nutrition to women and children; • Promote gender equality, women empowerment and provide legal assistance for women and girls; • Promote women’s decision making in politics and public work.																																			
PIS consultant’s gender specialists will collect sex-disaggregated data on EA/IAs staffing and technical designation as baseline and monitoring of gender targets for overall staff and management positions to refine the gender awareness training inputs Responsibility: Reviewed by Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2019 Action 2: On-track	• As of March 2019, 2 women (or 20%) of the 10 PMU staffs are female • 7 women (22%) of the 32 PIU staffs in the four towns are women Table 1: Sex-disaggregated data of project staffs at PMU and PIUs by year <table><tr><th rowspan="2">Year</th><th colspan="2">PMU</th><th colspan="2">PIUs</th></tr><tr><th>Male</th><th>Female</th><th>Male</th><th>Female</th></tr><tr><td>2015</td><td>8</td><td>2</td><td>36</td><td>8</td></tr><tr><td>2016</td><td>8</td><td>2</td><td>36</td><td>8</td></tr><tr><td>2017</td><td>8</td><td>2</td><td>26</td><td>5</td></tr><tr><td>2018</td><td>8</td><td>2</td><td>25</td><td>7</td></tr><tr><td>2019</td><td>8</td><td>2</td><td>25</td><td>7</td></tr></table>	Year	PMU		PIUs		Male	Female	Male	Female	2015	8	2	36	8	2016	8	2	36	8	2017	8	2	26	5	2018	8	2	25	7	2019	8	2	25	7	
Year	PMU		PIUs																																	
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Provide gender awareness and sensitization training for 30 EA/IA staff (each province); gender awareness training for managers and staff to increase sensitivity to different needs of women and men. Responsibility: Updated by Hor Sakphea, Social Safeguard/Gender Specialist Time: 30 June 2018 Action 3: Achieved	98 participants including 21 women (21%) from PMU, PIU, provincial department of women's affairs and contractors received gender sensitization including GAP orientation. - As of October 2018, the project conducted three gender sensitization trainings. The training contents included: (i) gender mainstreaming policy in Cambodia, (ii) ADB gender policy and requirement, (iii) GAP orientation, (iv) Developing or integrating gender into work plan, (v) roles and responsibilities of project staffs in GAP implementation, (vi) collecting sex-disaggregated data and (vii) challenges and solution to GAP implementation.	
Output 2 (DMF & GAP output is the same): Priority urban infrastructure investments implemented		
GAP Component 2 - Empowerment for Women in Urban Community Development and Skills Training (funded under capacity development and training)		
Market assessment survey undertaken indicating current demand and economic growth areas in towns. Responsibility: Updated by Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2019 Target 1: Achieved	Finalized Employment Market Assessment for Women in Poipet, Battambang, and Bavet through the methodologies are employed to collect information for this Assessment including conducting desk review, Conduct online research, Conduct distance and face-to face consultation. The employment market assessment was prepared for the SECTD with three different purposes as follows: 1- Review Cambodian women's existing literacy rates/absorptive capacities of three towns. 2- Assess the current employment market to identify high potential growth sectors and employment trends where quality, sustained,	



	and appropriated employment can be created to support women who are living in project areas. 3- Assess and identify existing institution/NGOs for providing vocational/livelihood training skills in the three towns.	
Training for women to better position their entry in the growing employment demand areas arising from project interventions, targeting at least 150 women per town. Responsibility: Updated by Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2019 Target 2: On-track	The Employment Market Assessment findings has been presented to the relevant NGOs/CSOs and vocational training center to seek for training support as required by the waste pickers and affected female head of households.	Training for women will be conducted in Q2 2019
A target of 40% women for employing existing informal waste pickers in the material recovery facilities (MRFs) funded under the project, including skills upgrade training. Responsibility: Prepared Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2018 Target 3: Not yet due	- All MRFs construction were fully completed, it is not yet operated. Currently, it is in the process to handover to municipality to manage the operation. - PMU agreed that all existing workers in current dumping size will be employed in MRFs. The condition to employ all existing waste pickers will be included in the term ad agreement of MRFs handover.	
Construction phase employment, construction workers will be 30% female; contractor records to be sex disaggregated for monitoring purposes. Responsibility: Updated by Hor Sakphea,	- Sex-disaggregated labor monitoring sheet was developed and use by contractors. The contractor also provided on jobs training to women including bending and installing rebar. Person-Labor Day list is shown by month as follows:	



Social Safeguard/Gender Specialist Time: 31 March 2019 Target 4: On-track	<table><tr><th rowspan="2">Month/Year</th><th colspan="2">Unskilled labor</th><th rowspan="2">% of female</th></tr><tr><th>Male</th><th>Female</th></tr><tr><td>Mar-18</td><td>150</td><td>9</td><td>6%</td></tr><tr><td>Apr-18</td><td>540</td><td>180</td><td>25%</td></tr><tr><td>May-18</td><td>829</td><td>250</td><td>23%</td></tr><tr><td>Jun-18</td><td>2,095</td><td>767</td><td>27%</td></tr><tr><td>Jul-18</td><td>2,574</td><td>1.221</td><td>32%</td></tr><tr><td>Aug-18</td><td>3,042</td><td>1.413</td><td>32%</td></tr><tr><td>Sep-18</td><td>3,444</td><td>1.630</td><td>32%</td></tr><tr><td>Oct-18</td><td>2,556</td><td>955</td><td>27%</td></tr><tr><td>Nov-18</td><td>2,944</td><td>1.180</td><td>29%</td></tr><tr><td>Dec-18</td><td>2,390</td><td>1.169</td><td>33%</td></tr><tr><td>Mar-19</td><td>2,766</td><td>13,27</td><td>32%</td></tr></table>	Month/Year	Unskilled labor		% of female	Male	Female	Mar-18	150	9	6%	Apr-18	540	180	25%	May-18	829	250	23%	Jun-18	2,095	767	27%	Jul-18	2,574	1.221	32%	Aug-18	3,042	1.413	32%	Sep-18	3,444	1.630	32%	Oct-18	2,556	955	27%	Nov-18	2,944	1.180	29%	Dec-18	2,390	1.169	33%	Mar-19	2,766	13,27	32%	
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- Type of activities performance by women included: (i) bending bar, (ii) cleaning the road, (iii) deliver brick and mixed cement and (iv) flag person and etc... - There is no child labor employed in the construction. - Women unskilled labor received equal pay (\$7/day) for equal work.																																																				
GAP component 3 - HIV awareness and prevention (funded by construction companies)																																																				
Awareness training provided by external HIV organizations and/or NGOs subcontracted by contractors during workforce mobilization for laborers and community surrounding construction locales	- BUCG BEIJING URBAN CONSTRUCTION GROUP CO., LTD Conducted HIV/AIDs and STIs awareness campaign in Battambang to construction workers, and entertainment workers, a total 251 participants (138 women). - An individual consultant is selected by contractor of Bavet (MTA Construction CO., LTD and Xingjiang Beixin Road and Bridge Group CO., LTD). Proposal on HIV/AIDS awareness is prepared by individual																																																			
Responsibility: Prepared and revised by Hor Sakphea, Social Safeguard/Gender Specialist																																																				



Time: 31 March 2019 Action 4: On-track	consultant and submitted to contractor. This proposal is reviewed and finalized by EA and will conduct training in April and June 2019.	
GAP component 4 - sanitation, health and hygiene Program (funded under capacity development and training)		
Training 2 health and sanitation promoters (male and female) in each town through a training of trainers (TOT) program Establish and train 2 MoWA staff as facilitators for IEC completion in each town. Responsibility: Updated by Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2019 Target 5: Achieve	- Conducted TOT on Environmental Sanitation and Hygiene Promoter to 27 participants, 8 females (30% of female) including selected 6 health and sanitation promoters, 5 PDWA and DoWA, 6 PMU, and 10 PIUs of the 3 towns (Poipet, Battambang, and Bavet).	
GAP component 5 - road safety campaign (funded under capacity development and training)		
Target girls as well as boys in school awareness campaigns Responsibility: Updated by Hor Sakphea, Social Safeguard/Gender Specialist Time: 31 March 2019 Action 5: On-track	- The proposal on road safety awareness campaign in Bavet was prepared and submitted to contractor's for reviewing.	
Output 3 (DMF & GAP output is the same): Institutional capacity strengthened		
GAP component 6 - institutional strengthening for gender and development (cost included in project output 1)		



Ensure that 20% of the overall staff positions and 20% of the management positions in the Project Management Units and Project Support Units to be female

Responsibility: Prepared by Hor Sakphea, Social Safeguard/Gender Specialist

Time: 31 December 2018

Target 6: Achieved

- 2 staffs (or 20%) of 10 PMU staffs are women. 1 woman is in management position and another woman is in support office.
- 7 staffs (22%) of 31 PIUs staffs are women.

Table 2: Number of project staffs at PIUs

PIUs	Male	Female	Total staff	% female
Battambang	6	3	9	33%
Piopet	7	2	9	22%
Neak Loeung	6	1	7	14%
Bavet	6	1	7	14%
Total	25	7	32	22%

Note: All position at PIUs are technical level with some are at decision-making level.



2) Status of Compliance with Design and Monitoring Framework (DMF)

Design Summary	Performance Targets and Indicators	Progress to Date
		This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.
Output 1: SLEDs adopted and implemented in Poipet, Battambang, Bavet, and Neak Loeung	GAP implementation focuses on the SLEDs thrusts on poverty, gender and ethnicity; more attention is given to the employment and livelihood issues of female heads of households; also, on the social issues confronting young girls along education, employment in the tourism and service sectors.	Gender action targets in the GAP are continuously implemented and monitored using gender performance monitoring tools.
Output 2. Priority urban infrastructure Investments implemented	30% of construction workers hired as unskilled laborers are women.	To date, 33% of total construction workers are women;
	2,000 people trained in project management and implementation, financial management, procurement, and social and environment safeguards, gender target achieve:	Total 407 people trained and 67 (16%) women in the PMU and PIU with increased role in decision making.



Design Summary	Performance Targets and Indicators	Progress to Date
		This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.
	Staff quota of 20% women in the PMU and PIU with increased role in decision making	
	Women hold 20% of overall staff positions and 20% of the management positions in the PMU and PIU	A total 10 members with 8 men and 2 women (20% women) as staff of PMU. A total 32 PIU staffs of the four towns, and 7 are women which is 22% of the management position.
Training 2 health and sanitation promoters (male and female) in each town through a training of trainers (TOT) program	Training 2 health and sanitation promoters (male and female) in each town through a training of trainers (TOT) program Establish and train 2 MoWA staff as facilitators for IEC completion in each town.	Conducted TOT on Environmental Sanitation and Hygiene Promoter to 27 participants, 8 females (30% of female) including selected 6 health and sanitation promoters, 5 PDWA and DoWA, 6 PMU, and 10 PIUs of the 3 towns (Poipet, Battambang, and Bavet).

Comments/ Remarks (conclusion of status of GAP implementation and suggestion/recommendation for improvement):

Accomplished by: Hor Saktea, Social Safeguard/ Gender Specialist

Date Accomplished: 31 March 2019



APPENDIX K

STATUS OF COMPLIANCE WITH LOAN COVENANTS

No.	Covenant	Reference in LA	Status of Compliance
1.	Implementation Arrangements The Borrower 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	Complied
2.	Environment The Borrower shall ensure, and cause MPWT to ensure, that the preparation, design, construction, implementation, operation and decommissioning of the Project 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 IEEs, the EMPs and any corrective or preventative actions set forth in a Safeguards Monitoring Report. The Borrower shall ensure, and cause MPWT to ensure, that the foregoing is applied and implemented for all Parts of the Project, regardless of the financing source.	Schedule 5, Para. 2	Ongoing
3.	The Borrower shall ensure that Bavet and Poipet municipalities pass regulation requiring that no untreated waste water is discharged by industrial companies within 36 months of the Effective Date.	Schedule 5, Para. 3	Complied
4.	Land Acquisition and Involuntary Resettlement The Borrower shall ensure, and cause each Project province 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 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 RPs, and any corrective or preventative actions set forth in the Safeguards Monitoring Report. Without limiting the generality of the foregoing, the Borrower shall ensure, and cause each Project province to ensure, that prior to the commencement of Works a clear land title (which is free of any kind of encumbrance) shall be provided for the implementation of Parts 3, 6 and 10 of the Project.	Schedule 5, Para. 4	Ongoing
5.	Without limiting the application of the Involuntary Resettlement Safeguards or the RPs, the Borrower shall cause MPWT 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 RPs; and	Schedule 5, Para. 5	



No.	Covenant	Reference in LA	Status of Compliance
	(b) a comprehensive income and livelihood restoration program has been established in accordance with the RPs.		people.
6.	Indigenous Peoples No impact on indigenous people is expected for the Project. In the event that there is any such impact, the Borrower shall cause MPWT to ensure that it adheres to applicable laws and regulations of the Borrower and the SPS.	Schedule 5, Para. 6	Complied
7.	Human and Financial Resources to Implement Safeguards Requirements The Borrower shall make available, and cause MPWT to make available, necessary budgetary and human resources to fully implement the EMPs and the RPs.	Schedule 5, Para. 7	Complied. Budget has been allocated
8.	Safeguards – Related Provisions in Bidding Documents and Works Contracts The Borrower shall ensure, and cause MPWT 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 IEEs, the EMPs and the RPs (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; and (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 that were not considered in the IEEs, the EMPs and the RPs.	Schedule 5, Para. 8	Complied. a. Complied. Bidding documents contains IEE&EMPs has been updated b. Complied. c. Complied.
9.	Safeguards Monitoring and Reporting The Borrower shall do the following: (a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; (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 IEEs, the EMPs and the RPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan;		



No.	Covenant	Reference in LA	Status of Compliance
	under terms of references acceptable to the Borrower and ADB, to verify information produced through the Project monitoring process and facilitate the carrying out of any verification activities; and report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs and the RPs promptly after becoming aware of the breach.		(EMO) has been engaged. The EMO inception report has been reviewed, comments provided and the final version pending submission. The next safeguards report is pending submission
10.	Prohibited List of Investments The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Schedule 5, Para. 10	Complied
11.	Labor Standards and Health The Borrower shall ensure, and cause MPWT to ensure that, all Works contractors: (a) comply with all applicable labor laws of the Borrower; (b) use their best efforts to employ women and local people, including disadvantaged people, living in the vicinity of the Project; (c) disseminate information at worksites on health safety for those employed during construction; (d) provide equal pay to men and women for work of equal type; (e) provide safe working conditions and separate culturally appropriate facilities for male and female workers; and (f) abstain from child labor.	Schedule 5, Para. 11	Complied
12.	Gender and Development The Borrower shall ensure, and cause MPWT to ensure, that: (a) the gender action plan developed for the Project is implemented in accordance with its terms; (b) the bidding documents include relevant provisions for contractors to comply with the measures set forth in this plan; (c) adequate resources are allocated for the implementation of this plan; and (d) key gender outcome and output targets (notably: (i) gender awareness and sensitisation training to be carried out for 30 staff from MPWT and the implementing agencies; (ii) 30 percent of the construction workers hired by the Works contractors should be female; (iii) 30 percent of the total staff in the project management unit and the project implementation units of the Project shall be female; and (iv) within 24 months of the Effective Date, 20 percent of the total management positions in the project management unit and the project implementation units of the Project shall be occupied by female) are monitored regularly and achieved.	Schedule 5, Para. 12	Complied
13.	The Borrower shall ensure, and cause MPWT to ensure that, the stakeholder communication strategy developed for the	Schedule 5, Para. 13	Ongoing



No.	Covenant	Reference in LA	Status of Compliance
	Project is implemented in a timely manner.		
14.	Sector Development The Borrower shall cause MPWT to: (a) adopt a business plan for achieving full cost recovery (to cover operation and maintenance expenditures) of the facilities developed under Parts 1, 4 and 8 of the Project prior to their physical completion; and (b) commit to making up shortfall through budget allocations to cover operation and maintenance expenditures.	Schedule 5, Para. 14	Not yet due
15.	Governance and Anticorruption The Borrower shall: (a) comply with ADB's Anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.	Schedule 5, Para. 15	Complied
16.	The Borrower shall ensure, and cause MPWT to ensure, that the anticorruption provisions acceptable to ADB are included in all bidding documents and 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.	Schedule 5, Para. 16	Complied
17.	The Borrower shall cause MPWT to prepare and effectively implement a good governance framework, in a form and substance acceptable to ADB during Project implementation.	Schedule 5, Para. 17	Complied
18.	The Borrower shall: (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with accounting principles acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with international standards for auditing or the national equivalent acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report (which includes the auditors' opinion on the use of the Loan proceeds and compliance with the financial covenants of this Loan Agreement as well as on the use of the procedures for imprest fund and statement of expenditures) and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	Article IV, Section 4.02 (a)	Complied
19.	ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 30 days of the date of their receipt by posting them on ADB's website.	Article IV, Section 4.02 (b)	Complied with
20.	The Borrower shall enable ADB, upon ADB's request, to	Article IV,	Complied with



No.	Covenant	Reference in LA	Status of Compliance
	discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower unless the Borrower shall otherwise agree.	Section 4.02 (c)	
21.	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Article IV, Section 4.03	Complied
Mid-Term Review Mission 2-30 November 2018			
22.	General The procurement of Goods, Works and Consulting Services shall be subject to and governed by the procurement Guidelines, and the consulting Guidelines, respectively.	Schedule 4, Para. 1	Complied
23.	All terms, used in this schedule and not otherwise defined in this loan agreement have the meanings provided in the Procurement Guidelines and/or the Consulting Guidelines, as applicable.	Schedule 4, Para. 2	Complied
24.	Goods and Works 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; and (b) National Competitive Bidding	Schedule 4, Para. 3	Complied
25.	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	Complied
26.	Domestic Preference 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	Complied
27.	National Competitive Bidding The Borrower and ADB shall ensure that, prior to the commencement of any procurement activities 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	Complied



No.	Covenant	Reference in LA	Status of Compliance
28.	Conditions for Award of Contract The Borrower shall not award any Works contract which involves environmental impacts until MPWT has: (a) Obtained the final approval of the IEE from the appropriate authority of the Borrower; and (b) Incorporated the relevant provisions from the EMP into the Works contract.	Schedule 4, Para. 7	Complied
29.	The Borrower shall not award any Works contract which involves involuntary resettlement impacts, until the Borrower has prepared and submitted to ADB the final RP based on the detailed design, and obtained ADB's clearance of such RP.	Schedule 4, Para. 8	Complied
30.	Consulting Services Except as ADB may otherwise agree, the Borrower shall apply quality- and cost-based selection for selecting and engaging Consulting Services.	Schedule 4, Para. 9	Complied
31.	The Borrower shall apply the following method for selecting and engaging the specified Consulting Services, in accordance with among other things the procedures set forth in the Procurement Plan: Consultant Qualification Selection for (a) detailed design and construction supervision; and (b) independent monitoring.	Schedule 4, Para. 10	Complied
32.	The Borrower shall recruit the individual consultants for such services as agreed with ADB in accordance with procedures acceptable to ADB for recruiting individual consultant.	Schedule 4, Para. 11	Complied
33.	Industrial or Intellectual Property Rights (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 with 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 paragraph.	Schedule 4, Para. 12	Complied
34.	The Borrower shall ensure that all ADB-financed contracts with consultants contain appropriate representation, warranties and, if appropriate, indemnities from the consultants to ensure that Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.	Schedule 4, Para. 13	Complied
35.	ADB's Review of Procurement Decisions 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. 14	Complied



APPENDIX L

RISK ASSESSMENT AND RISK MANAGEMENT PLAN (RARMP)

No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
Element 1: Procurement							
1.a	Irregularities relating to leaking prior or post procurement information before the contract award, collusion during the bidding process, and bid evaluation.	High	EA/IAs to establish PRC under the project in accordance with SOP/PM which are in line with ADB guidelines. EA/IAs shall ensure that the Declarations of Fraud and Ethical Conduct (DFEC) for PRC members and bidders (contractors, suppliers and consultants) are signed for each transaction. A copy of the declarations of winning bidders shall be part of the awarded contracts.	EA/IAs	All procurement transactions. EA/IA to monitor, ADB to verify during review missions, prior reviews and post reviews	PRC established on 22 November 2014. DFEC signed for each transaction, and copies of DFEC of winning bidders made part of awarded contracts.	PRC minutes of meetings. DFEC in awarded contracts.
1.b	Insufficient compliance with procedures	High	EA/ IAs are to adhere strictly to the procedures and guidelines set forth in the Loan Agreement, ADB's Procurement Guidelines, and SOP/PM that also cover ICB, NCB and shopping.	EA/IAs MEF monitors compliance with LA, ADB Procurement Guidelines and SOP/PM	All procurement transactions. EA/IA to monitor, ADB to verify during review missions, prior reviews and post reviews	Sufficient adherence/ compliance to procurement procedures and guidelines by EA/IAs, as monitored by MEF.	Bid Evaluation Committee (BEC) / Consultant Evaluation Committee (CEC) Reports & Recommendation. PRC minutes of meetings.
1.c	Weak procurement capacity.	High	EA/ IAs will receive continued hands-on training and technical assistance from consultants recruited under the project. SOP/PM will be used under the project.	ADB	Throughout Project duration	Training conducted by ADB in Dec. 2016. Inquiries on procurement can be directly made through ADB's procurement clinic.	PMU/ADB records.



No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
			Recruitment of a well-experienced procurement officer and website officer in PMU to avoid procurement and eventual implementation delays	EA/IAs	Throughout Project duration	Procurement Specialist contracted in Aug 2014 by PISCD and in June 2016 by PMU. Website officer is a PMU member.	Copies of contracts with PMU.
			Closely monitor and review procurement conduct, and where necessary, take measures to improve procedures based on lessons learnt from each successive procurement activity.	EA, MEF and ADB	Throughout Project duration	EA/MEF monitoring and reviewing the conduct of procurements.	BEC and CEC reports. PRC minutes of meetings.
			EA/IAs will recruit additional national and/or national procurement staff if required.	EA/IAs		No additional procurement staff required.	-
1.d	Delayed execution of schedules in the Procurement Plans and failure to track to procurement transactions.	High	Preparation of realistic annual Procurement Plan, tied to annual work plan and budget. EA/IAs will maintain Procurement Monitoring and Tracking Forms as defined in the SOP/PM, and take actions to address delays through additional consultant inputs, if necessary.	EA/IAs to prepare updated procurement plans and procurement tracking form.	Update procurement plan and monitor procurement tracking form during review missions as required	Procurement plan updated in 23 April 2018. Procurement Monitoring & Tracking Forms maintained.	Updated Procurement Plan. Filled out Procurement Monitoring & Tracking Forms.
1.e	Informal payments by contractors, suppliers and consultants	High	All contractors, suppliers and consultants – firms or individuals, national and international – bidding for contracts under the project shall sign the Declaration on Ethical Conduct and Fraud and Corruption in the SOP/ procurement manual.	EA/IAs and MEF	Throughout Project duration	Signed DFECs included in bids.	Signed DFECs.
Element 2: Financial Management							
2.a	Weak internal controls	High	EA/IAs to follow the financial management procedures specified in: (i) the Project Financing Agreement; (ii) the government's SOP and FMM.	EA/IAs; MEF to ensure compliance with SOP/ FMM, Loan	Throughout Project duration	Specified fin'l. management procedures followed since 31	Quarterly Report and PMU reports to MEF and ADB.



No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
				Agreement and ADB's Anticorruption Policy		Dec 2015 and ongoing.	
2.b	Weak financial management capacity	High	EA/IAs to receive continued hands-on training from consultants recruited under the project. The SOP/FMM will be used under the project, as well as relevant provisions of the Loan Agreement and ADB's guidelines on procurement and consulting services. Project to closely monitor and review financial management conduct and make necessary improvements as required.	EA and IAs and ADB EA and IAs	Throughout Project duration, conducted as a part of capacity building activities in the project	Hands-on-training ongoing. CapDev training scheduled. Monitoring & review since Dec 2015 and ongoing	CapDev Plan and training modules. Supported by Financial Management Specialist
2.c	Minimize cash transactions	High	Project to make all progress payments to contractors, suppliers and consultants – firms, individuals, national and international – by check or transfer to bank accounts, and retain evidence for audit and donor supervision missions.	MEF, EA and IAs	Throughout Project duration	Payments by check or bank transfer complied and ongoing.	Project Financial Statements
2.d	Delayed or non-existent reconciliation of advances for operating costs and expenses	High	Project to reconcile advances for operating expenses to staff or field offices within one week of the end of each month. No further advances to be paid until previous advance reconciled and cleared against documentary evidence.	EA and IAs	Throughout Project duration Project director to monitor and ADB to verify during review missions.	Reconciliation of advances complied and ongoing.	Project Financial Statements
Element 3 : Disclosure							
3.a	Possible conflict of interest among Project staff	Extremely High	Project staff to disclose private and public affiliations or personal interest before becoming involved in any project-related transaction, such as contract award. EA to prepare a declaration statement for staff's signature.	EA/IAs to ensure all Project staff sign the disclosures	Throughout Project duration Project director to ensure all project staff signs the disclosures.	Internal rules of the project updated and provided for avoidance of conflict of interest. Written disclosure is retained on file.	Internal rules of project for project staffs (PMU and PIUs)



No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
3.b	Inadequate transparency and disclosure	High	Project to agree information to be disclosed on the project and EA/IA websites biannually, with hard copies available for public inspection on request. At a minimum, the Project will disclose the information required by the Loan Agreement.	EA and ADB to agree the final list. Project director to arrange disclosure	Throughout Project duration.	Development of project website to be completed in February 2017. Information will then be uploaded to the website. Project information and grievance redress mechanism disclosed in target towns on 19, 21 and 22 June 2018 Bid documents was advertised by Phnom Penh Post newspaper and Project website	Project website. EMPs report and quarterly report Bid Evaluation Report (BER)
Element 4: Complaints and Remedies Mechanism							
5.a	Inadequate complaints and remedies mechanisms		Project to build well-defined complaints and remedies mechanism into project documents. Complaints procedures regarding procurement to follow process set out in Loan Agreement and SOP/PM. Following established publication of evaluation and awards, debriefing mechanism is also necessary not only to enhance transparency but also for the losing bidders to know their weak points.	EA/IAs EA and IAs in consultation with ADB	At effectiveness	To be complied with. PMU provides all bidders with copies of the evaluation and awards through email.	- Copies of emails from PMU
Element 5: Code of Ethical Conduct							
6.a	Poor enforcement of the Code of		Project to provide copies of the relevant laws and articles on Code of Conducts for civil	EA and IAs	Throughout Project duration	The Department of Human	Signed receipts available with the



No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
	Conduct for civil servants		servants to all project staff, including contracted staff. Project will maintain signed declaration of receipt of these documents by all project staff, including contracted staff. Similarly, all members of the procurement committee undertaking the evaluation shall sign the Declaration on Ethical Conduct.			Resources provides copies of Code of Conducts for Civil Servants to Ministry personnel upon employment.	Department of Human Resources.
Element 6: Sanctions							
7.a	Inadequate sanctions for fraudulent and corrupt activity by Project staff, contractors, suppliers and consultants		The Project to identify and apply sanctions available under current law and regulations of Cambodia, ADB's Loan Regulations, the Loan Agreement, and ADB's Procurement Guidelines and Consulting Guidelines. Sanctions for individuals may include transfer of duties, retraining, suspension, dismissal, re-grading, and prosecution under Cambodian Law. Sanctions for firms may include: termination of contract, debarment or blacklisting under ADB's Procurement Guidelines and Consulting Guidelines, or prosecution under Cambodian Law	EA and IAs, and in consultation with ADB	Effectiveness	Sanctions for firms included in termination of contract	Bidding document
Element 7: Project Specific Elements							
7.a	Poor enforcement of contract terms and need to conduct contractors performance evaluation		EA to ensure that contract terms are strictly enforced and the loan consultant will be a party to ensuring quality control of contract outputs, include acceptance of completion of works and services.	EA and IAs	Throughout Project duration	Contract terms for previous DED Consultant enforced, with the assistance of PISCD.	Evaluation of DED Consultant's output.
7.b	Poor quality of design and works construction		EA and IAs to ensure that approved infrastructure's design standards and specification developed by the respective agencies are utilized for the design of	EA and IAs, and with ADB NOL	Throughout Project duration	DED to be carried out by PISCD and CS Consultants.	DED reports and bid documents.



No.	Risk/Issue	Assessment without Mitigation	Action to Mitigated Risk	Responsibility	Target/Monitoring	Status as at (Dec 2018)	Supporting Evidence
			structures under the project. Project to recruit experienced detailed design consultant on a timely basis to assist the project.		Contract signed immediately after effectiveness	DED to be carried out by PISCD and CS Consultants.	V.O. no. 6 to PISCD contract, and CS contract.
7.c	Risk of low quality construction and supervision		Project to recruit experienced site supervision consultants to assist EA/IAs.. Regular technical audit is to be undertaken with any adverse findings to be acted upon immediately. Project to evaluate contractors' performance with poor performing contractors declared ineligible to bid for at least one year.	EA and IAs, and with ADB NOL EA and IAs EA and IAs, and with ADB NOL	Prior to award of first works contract. Throughout Project duration. Annually	Construction Supervision Consultant recruited To be complied during construction. To be complied during construction.	CS contract document. - -

APPENDIX M
SUPPORT DOCUMENTS OF LAND ACQUISITION



ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ

ក្រសួងសេដ្ឋកិច្ច និង ហិរញ្ញវត្ថុ

លេខ ៤៧៧ ខ.ជ.ជ. សហវ. ០១៩៩

ថ្ងៃ ២២ ខែ កញ្ញា ឆ្នាំ ២០១៩ សិរីវិបុល ព.ស. ២៥៦២

រាជធានីភ្នំពេញ, ថ្ងៃទី ៣១ ខែ កញ្ញា ឆ្នាំ ២០១៩

សូមគោរពជូន

ឯកឧត្តមនាយករដ្ឋមន្ត្រី រដ្ឋមន្ត្រីក្រសួងសាធារណការ និងដឹកជញ្ជូន

កម្មវត្ថុ៖ ការប្រគល់ទីតាំងដីដែលគណៈកម្មការអន្តរក្រសួងបានធ្វើលទ្ធកម្មរួច សម្រាប់គម្រោងអភិវឌ្ឍន៍ក្រុងរបៀង
ខាងត្បូងដែលបានទទួលហិរញ្ញប្បទានសហប្រតិបត្តិការពីធនាគារអភិវឌ្ឍន៍អាស៊ី (ADB)។

យោង៖ លិខិតលេខ ១៨៧៩ សក/អក ចុះថ្ងៃទី ២៨ ខែ ឧសភា ឆ្នាំ ២០១៥ របស់ក្រសួងសាធារណការ និងដឹកជញ្ជូន
- លិខិតលេខ ២០៤២ សក ចុះថ្ងៃទី ១០ ខែ មិថុនា ឆ្នាំ ២០១៣ របស់ក្រសួងសាធារណការ និងដឹកជញ្ជូន។

សេចក្តីដូចមានចែងក្នុងកម្មវត្ថុ និងយោងខាងលើ ខ្ញុំសូមគោរពជម្រាបជូនឧត្តមនាយករដ្ឋមន្ត្រី មេត្តាជ្រាបដ៏
ខ្ពង់ខ្ពស់ថា៖ តាមសំណើរបស់ក្រសួងសាធារណការ និងដឹកជញ្ជូន គណៈកម្មការអន្តរក្រសួងដោះស្រាយផលប៉ះពាល់
សហការជាមួយក្រសួងសាធារណការ និងដឹកជញ្ជូន និងអនុគណៈកម្មការខេត្តស្វាយរៀង, ខេត្តបាត់ដំបង និងខេត្ត
បន្ទាយមានជ័យ បានចុះពិនិត្យ ពិគ្រោះយោបល់ និងធ្វើលទ្ធកម្មដីសម្រាប់សាងសង់អាងប្រព្រឹត្តិកម្ម និងស្ថានីយបូមប្រោះ
សម្អាតទឹកកខ្វក់ នៃគម្រោងខាងលើរួចរាល់ហើយ។

ហេតុដូច្នេះនេះ គណៈកម្មការអន្តរក្រសួងដោះស្រាយផលប៉ះពាល់ សូមប្រគល់ទីតាំងដីដែលបានធ្វើលទ្ធកម្មរួច
ជូនក្រសួងសាធារណការ និងដឹកជញ្ជូន ដើម្បីផ្តល់លទ្ធភាពឱ្យក្រុមហ៊ុនសាងសង់ដំណើរការការងារវិស្វកម្មតាមផែនការ
និងបន្តគ្រប់គ្រងនិងប្រើប្រាស់ទីតាំងដីទាំងនេះស្របតាមច្បាប់ និងលិខិតបទដ្ឋានគតិយុត្តជាធរមាន ចាប់ពីថ្ងៃប្រគល់-
ទទួលឯកសារនេះតទៅ។

ទីតាំងដីដែលបានធ្វើលទ្ធកម្មរួច មានដូចខាងក្រោម៖

ល.រ	ខេត្ត/ ក្រុង	បរិយាយ	ទំហំដី	ទីតាំងភូមិសាស្ត្រ	លិខិតផ្ទេរសិទ្ធិកាន់កាប់ប្រើប្រាស់ ដីធ្លី និងប័ណ្ណសម្គាល់សិទ្ធិកាន់ កាប់អចលនវត្ថុ
១	ខេត្តបាត់ដំបង	អាងប្រព្រឹត្តិកម្ម	១០១ ៥៦៩ ម ^២	- ឃុំនា ស្រុកសង្កែ - ឃុំនា ស្រុកសង្កែ - ឃុំនា ស្រុកសង្កែ - ឃុំនា ស្រុកសង្កែ	- ក្បាលដីលេខ÷Bx 0074 - ក្បាលដីលេខ÷Bx 0075 - ក្បាលដីលេខ÷Bx 0108 - ក្បាលដីលេខ÷Bx 0110 ចុះថ្ងៃទី ១២- ឧសភា- ២០១៥

ទំព័រទី១នៃ២

ផ្ទះលេខ ៩២ សង្កាត់វត្តភ្នំ ខណ្ឌដូនពេញ រាជធានីភ្នំពេញ កម្ពុជា
St.92, Sangkat Wat Phnom, Khan Daun Penh, Phnom Penh, CAMBODIA.

ទូរស័ព្ទ : ៨៥៥-២៣-៤៣០ ២២៥ ទូរសារ : ៨៥៥-២៣-៤៣០ ៧៩៩
Phone : 855-23-430 225 / Fax : 855-23-430 799

២			១ ៧៤០ ម ^២	-ភូមិបេង, ឃុំអន្លង់វិល, ស្រុកសង្កែ	-ក្បាលដីលេខ០០៦ យអវ ចុះថ្ងៃទី ០៤-មករា-២០១៧
៣	ខេត្តបាត់ដំបង	ស្ថានីយបូមប្រោះទឹកកខ្វក់	២ ៤៦៦ ម ^២	-ភូមិរំចេក២, សង្កាត់ រតនៈ, ក្រុងបាត់ដំបង	-ក្បាលដីលេខ០៥៤១ ចុះថ្ងៃទី ២៦-កុម្ភៈ-២០១៦
៤		អាងប្រព្រឹត្តិកម្ម	១០០ ០៦០ ម ^២	-ភូមិកូនដំរី, សង្កាត់និមិត្ត, ក្រុងប៉ោយប៉ែត	-ក្បាលដីលេខ០៩៣២ កបប ចុះថ្ងៃទី ១១-មីនា-២០១៤
៥	ក្រុងឈោយប៉ែត	ស្ថានីយបូមប្រោះទឹកកខ្វក់	១ ៣៥៨ ម ^២	-សង្កាត់ផ្សារកណ្តាល, ក្រុងប៉ោយប៉ែត	-ក្បាលដីលេខ០ I 0682 ចុះថ្ងៃទី ២៧-កក្កដា-២០១៧
៦	ក្រុងបាត់ដំបង	ស្ថានីយបូមប្រោះទឹកកខ្វក់	១ ៤៥៦ ម ^២	-ភូមិច្រកលាវ, សង្កាត់បារិត	-ក្បាលដីលេខ០០៨៨/១៧ ចុះថ្ងៃទី ១៧-កុម្ភៈ-២០១៧

អាស្រ័យដ្ឋានបានគោរពជម្រាបជូនខាងលើ សូមឯកឧត្តមទេសរដ្ឋមន្ត្រី មេត្តាជ្រាប និងចាត់ចែង តាមការគួរ។
សូមឯកឧត្តមទេសរដ្ឋមន្ត្រី មេត្តាទទួលនូវការគោរពដ៏ខ្ពង់ខ្ពស់ ពីខ្ញុំ 

អនុរដ្ឋលេខាធិការក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ
និងជាប្រធានគណៈកម្មការក្រសួងដោះស្រាយផលប៉ះពាល់
ដោយគោរពប្រោសអភិវឌ្ឍន៍

ព្រាង ឡាន

បម្រុងជូន៖

- អគ្គនាយកដ្ឋានទ្រព្យសម្បត្តិរដ្ឋ និង
ចំណូលមិនមែនសារពើពន្ធ កសហវ
- ឯកសារ-កាលប្បវត្តិ

ទំព័រទី២នៃ២



ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ

គំនូសបង្ហាញ
ទីតាំង កន្លែងបែងចែកសំរាម

ក្បាលដីទ្បត្តិលេខ៖ ...៦៨៥...សផក ចុះថ្ងៃទី ១០ ខែមេសា ឆ្នាំ២០១៩ ស្ថិតនៅភូមិ ទួលពង្រ សង្កាត់ផ្សារកណ្តាល ក្រុងប៉ោយប៉ែត



ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ

កិច្ចសន្យាអនុញ្ញាតដីធ្លី-ទីក្រុង

ខ្ញុំបាទឈ្មោះ: ឡាន ឌីណា អាយុ 36 ឆ្នាំ សញ្ជាតិ: ខ្មែរ និងប្រពន្ធឈ្មោះ:..... អាយុ..... ឆ្នាំ
សញ្ជាតិ: ខ្មែរ មានទីលំនៅបច្ចុប្បន្នស្ថិតនៅភូមិ ក្រាំងស្រែ ឃុំ/សង្កាត់: ក្រាំងស្រែ
ក្រុង/ស្រុក/ខណ្ឌ: ក្រាំងស្រែ រាជធានី/ខេត្ត: ក្រាំងស្រែ (អ្នកលក់) ហៅថា ភាគី "ក" ។

ខ្ញុំបាទឈ្មោះ: ឡាន ឌីណា អាយុ 48 ឆ្នាំ សញ្ជាតិ: ខ្មែរ និងប្រពន្ធឈ្មោះ:..... អាយុ..... ឆ្នាំ
សញ្ជាតិ: ខ្មែរ មានទីលំនៅបច្ចុប្បន្នស្ថិតនៅភូមិ ក្រាំងស្រែ ឃុំ/សង្កាត់: ក្រាំងស្រែ
ក្រុង/ស្រុក/ខណ្ឌ: ក្រាំងស្រែ រាជធានី/ខេត្ត: ក្រាំងស្រែ (អ្នកទិញ) ហៅថា ភាគី "ខ" ។

ភាគីទាំងពីរបានព្រមព្រៀងគ្នាដូចប្រការខាងក្រោម

- ប្រការ១.** ភាគី "ក" យល់ព្រមលក់ដី ០១..... កន្លែង ទំហំ ៤០ x ៨០ = 3200 ម² ដែលមានលិខិត
លេខ 685.គ.ស.ក ចុះថ្ងៃទី 10 ខែ 04 ឆ្នាំ 2014 មានព្រំប្រទល់ ៖
- ខាងជើងទល់នឹង ភូមិ ក្រាំងស្រែ - ខាងត្បូងទល់នឹង ភូមិ ក្រាំងស្រែ
- ខាងកើតទល់នឹង ភូមិ ក្រាំងស្រែ - ខាងលិចទល់នឹង ភូមិ ក្រាំងស្រែ
ស្ថិតនៅភូមិ ក្រាំងស្រែ សង្កាត់ ក្រាំងស្រែ ក្រុងប៉ោយប៉ែត ខេត្តបន្ទាយមានជ័យ
ក្នុងតម្លៃសរុបចំនួន 13.206.478 ដុល្លារ ខ្មែរ (មួយសិបបីលានពីរពាន់បួនសែនដុល្លារ ខ្មែរ) ។
- ប្រការ២.** ភាគី "ខ" យល់ព្រមទិញដី ភាគី "ក" ក្នុងប្រការ១ នឹងបានកក់ចំនួន 11.603.478 ឱ្យទៅ ភាគី "ក"
ហើយបានសន្យាថាប្រគល់ប្រាក់ចំនួន 11.603.478 ជាប្រាក់បង្រប់ចំនួននៃថ្លៃទិញ-លក់ដី
នៅ 01.09.2017 តាមប្រព័ន្ធប្រាក់បង្រប់ចំនួន ។
- ប្រការ៣.** ចំពោះសេហ៊ុយសេវានៃការផ្ទេរសិទ្ធិជាបន្តបន្ទាប់ភាគី "ក" ។
- ប្រការ៤.** ប្រសិនបើភាគី "ក" ប្រែក្រឡាស់ថាមិនលក់ដីវិញនោះ ត្រូវសងប្រាក់មួយគុណនឹងប្រាក់ដីដែលបានកក់ឱ្យទៅ
ភាគី "ខ" ។ ក្នុងករណី ភាគី "ខ" ប្រែក្រឡាស់ថាមិនទិញដីវិញ នោះប្រាក់កក់ត្រូវទុកជាអាសាបង់ ហើយ
ភាគី "ខ" ត្រូវផ្តិតមេដៃលើលិខិតផ្ទេរសិទ្ធិឱ្យមក ភាគី "ក" វិញ ដោយឥតលក្ខខណ្ឌ ។
- ប្រការ៥.** ភាគីទាំងពីរ បានព្រមព្រៀងគ្នាដូចប្រការខាងលើដោយគ្មានការបង្ខិតបង្ខំពីអាជ្ញាធរ សមត្ថកិច្ចឡើយ បើភាគី
ណាមួយមិនគោរពតាមកិច្ចព្រមព្រៀងដូចខាងលើនេះ ភាគីនោះនឹងទទួលខុសត្រូវចំពោះមុខច្បាប់ ។
- ប្រការ៦.** ភាគីទាំងពីរព្រមទាំងសាក្សីបានអាន និងស្តាប់ការអាន ហើយយល់ព្រមផ្តិតមេដៃស្តាំទុកជាភស្តុតាងស្រាប់ ។

ធ្វើនៅ ថ្ងៃទី 03 ខែ 08 ឆ្នាំ 2017 ។

សាក្សី

ស្នាមមេដៃស្តាំ

ទី១

ឡាន ឌីណា

ទី២

ភាគី "ខ"

ប្រពន្ធ


ឡាន ឌីណា

ភាគី "ក"

ប្រពន្ធ



1. ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ ១១.០៣.៤៧.៩២២
(ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ ១១.០៣.៤៧.៩២២)

ថ្ងៃសុក្រ ០៩.០៣.២០១៧

ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ
ស្រាវជ្រាវ
ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ
ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ

2. ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ ១១.០៣.៤៧.៩២២ (ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ ១១.០៣.៤៧.៩២២)

ថ្ងៃសុក្រ ០៩.០៣.២០១៧

ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ
ស្រាវជ្រាវ
ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ
ប្រតិភូគណៈកម្មាធិការប្រតិបត្តិការស្រាវជ្រាវ

ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ

ខេត្តស្វាយរៀង
រដ្ឋបាលក្រុងបាទីធ្លា
លេខ ០១០១ រ.បក

ថ្ងៃសុក្រ ៥ រោច ខែពិសាខ ឆ្នាំច សំរឹទ្ធស័ក ព.ស ២៥៦២
បាទីធ្លា, ថ្ងៃទី ០៤ ខែឧសភា ឆ្នាំ ២០១៨

សូមគោរពជូន
ឯកឧត្តម ចៀង ពិសិដ្ឋ អគ្គនាយករង នៃអគ្គនាយកដ្ឋានសាធារណការ
និង ជា នាយក គម្រោងអភិវឌ្ឍន៍សេដ្ឋកិច្ចក្រុងរៀងខាងត្បូង
នៃក្រសួងសាធារណការ

កម្មវត្ថុ៖ ករណី ២០ ហិកតា សម្រាប់គម្រោងអភិវឌ្ឍន៍សេដ្ឋកិច្ចក្រុងរៀងខាងត្បូង ស្ថិត
នៅភូមិត្រពាំងផ្លុង សង្កាត់បាទី ក្រុងបាទីធ្លា ។

តាមកម្មវត្ថុខាងលើ ខ្ញុំសូមគោរពជម្រាបជូន **ឯកឧត្តម** នាយកគម្រោង មេត្តា
ជ្រាបថា ចំពោះដីទំហំ ២០ ហិកតា សម្រាប់ផ្តល់ជូនក្នុងការអភិវឌ្ឍន៍គម្រោងអភិវឌ្ឍន៍សេដ្ឋកិច្ច
ក្រុងរៀងខាងត្បូង របស់ក្រុងបាទីធ្លា សម្រាប់កន្លែងទីតាំងប្រតិបត្តិការ និង កន្លែងធ្វើអាង
ប្រតិកម្មទឹកស្អុយ ស្ថិតនៅភូមិត្រពាំងផ្លុង សង្កាត់បាទី ក្រុងបាទីធ្លា ខេត្តស្វាយរៀង ពិតជាដី
របស់រដ្ឋប្រគល់ឲ្យខេត្ត សម្រាប់អនុវត្តគម្រោងកន្លែងទីតាំងប្រតិបត្តិការ និង កន្លែងធ្វើអាង
ប្រតិកម្មទឹកស្អុយ ។

សេចក្តីដូចបានគោរពជម្រាបជូនខាងលើ សូម **ឯកឧត្តម** នាយកគម្រោង មេត្តា
ជ្រាបដឹងខ្ពង់ខ្ពស់ ។

សូម **ឯកឧត្តម** ទទួលនូវការគោរពរាប់អានដ៏ស្មោះអំពីខ្ញុំ ។


លីម សៀងហេង