

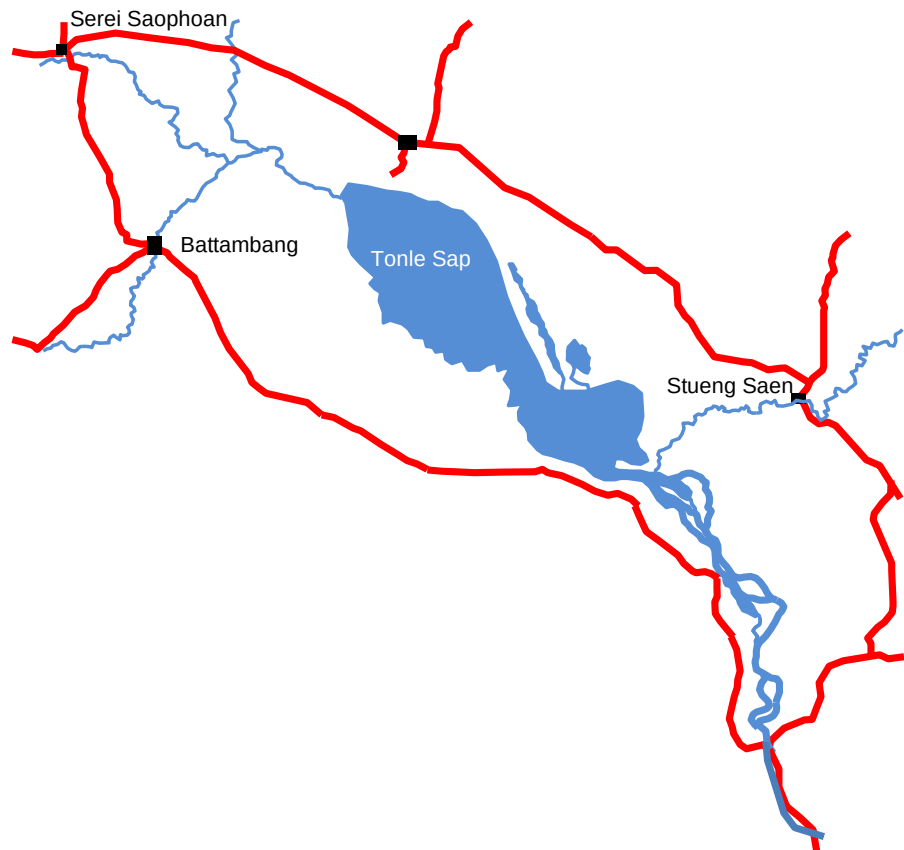


Ministry of Public Works and Transport

The Kingdom of Cambodia

Second Urban Environmental Management in the Tonle Sap Basin Project

ADB L3684/G0591 CAM



Quarterly Report

Quarter 3, 2020

July to September



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Abbreviations

ADB	Asian Development Bank
CBO	Community-Based Organization
CPP	Community Procurement Procedures
CPS	Country Partnership Strategy
CSO	Civil Society Organizations
DC	Development Committee
DRM	Disaster Risk Management
EA	Executing Agency
EMP	Environmental Management Plan
FGD	Focus Group Discussion
GAP	Gender Action Plan
IA	Implementing Agency
IEE	Initial Environmental Examination
IP(s)	Indigenous People(s)
NCB	National Competitive Bidding
PIU	Project Implementation Unit
PMC	Project Management Consultant Team
PMU	Project Management Unit
ROW	Right of Way
SWM	Solid Waste Management
TA	Technical Assistance
TNA	Training Needs Assessment
TOR	Terms of Reference
USD	United States Dollar

1 Introduction and Basic Data

1.1 Introduction

- 1 The Government of The Royal Government of Cambodia has obtained a loan and grant from the Asian Development Bank (ADB) towards the cost of the Second Integrated Urban Environmental Management in the Tonle Sap Basin Project (hereinafter referred to as TS2). The location of the project towns is shown in Figure 1.1.
- 2 This is the Quarterly Report for Quarter 3, 2020 (July 1 to September 30).

Figure 1.1 Location of Project Towns



1.2 Basic Data

- 3 The key data for the project are shown in Table 1.1 below.

Table 1.1 Basic Data – TS2

ADB Project number:	Loan 3684, Grant G0591
Project Title:	Second Integrated Urban Environmental Management in the Tonle Sap Basin Project
Borrower/Beneficiary:	Kingdom of Cambodia
Executing Agency:	Ministry of Public Works and Transport
Implementing Agency:	Provincial Governments of Battambang, Serei Saophoan, Stueng Saen
Date of Effectiveness:	
Closing Date:	December 2023
Date of Last ADB Mission:	6 November 2019

1.3 Cost Estimates and Financing Plans

1.3.1 TS2 Cost Estimates and Financing Plan

- 4 The total cost of the project is estimated at US\$97.7m including contingencies. The breakdown of cost estimates is given in Table 1.2.

Table 1.2 TS2 Summary Cost Estimates by Output (\$ million)

Item	Amount
A. Base Cost	
1. Urban environmental infrastructure improved	78.00
2. Institutional effectiveness improved	6.12
3. Policy and planning environment improved	1.10
Sub-Total (A)	85.22
B. Contingencies	10.02
C. Financial Charges During Implementation	2.46
Total (A+B+C)	97.70

Source: Asian Development Bank estimates.

- 5 The summary of the financing plan for TS2 is shown in Table 1.3.

Table 1.3 TS2 Financing Plan

Source	Amount (\$ million)	Share of Total (%)
Asian Development Bank		
Ordinary capital resources (concessional loan)	87.73	89.8
Special Funds resources (ADF grant)	1.27	1.3
Government	8.70	8.9
Total	97.70	100.0

Source: Asian Development Bank estimates.

2 Utilisation of Funds

2.1 Contract Awards and Disbursements

- 6 A summary of the total cumulative contract awards and disbursements is shown in Table 2.1. As of 30th September 2020, the contract awards amount to a total of **\$35,836,486**, and to date disbursements total **\$4,418,053**.

Table 2.1 Summary Contract Awards and Disbursement (US\$)

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Loan 3684	87,730,000	35,836,486	51,893,514	4,388,053	83,341,947	31,448,433
Grant 0591	1,270,000			-	1,270,000	1,270,000
Government	8,700,000			30,000	8,670,000	
Total	97,700,000		51,893,514	4,418,053	93,281,947	32,718,433

Table 2.2 Consolidated Awards and Disbursements, Loan 3684 and Grant 0591

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance	Contracts Awarded %	Contracts Disbursed %
	A	B	C = A-B	D	E = A-D	F = B-D	B/A	D/A
Civil works	67,740,000	31,341,893	36,398,107	2,961,198	64,778,802	28,380,695	46	4
Goods & equipment	2,370,000	161,400	2,208,600	161,400	2,208,600	-	7	7
Consulting services	5,660,000	5,572,473	87,527	1,074,428	4,585,572	4,498,044	98	19
Incr. Adm. Cost	750,000	30,721	719,280	30,721	719,280	-	4	4
Interest charge	2,460,000	-	2,460,000	10,307	2,449,693	-	-	-
Unallocated	10,020,000	-	10,020,000	-	10,020,000	-	-	-
Advance account			-	150,000	(150,000)	-	-	-
Total	89,000,000	37,106,486	51,893,514	4,388,053	84,611,947	32,878,740	42%	5%

Table 2.3 Awards and Disbursements Status, Loan 3684

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Civil works	66,470,000	30,071,893	36,398,107	2,961,198	63,508,802	27,110,695
Goods & equipment	2,370,000	161,400	2,208,600	161,400	2,208,600	-
Consulting services	5,660,000	5,572,473	87,527	1,074,428	4,585,572	4,498,044
Incre. Adm. Cost	750,000	30,721	719,280	30,721	719,280	-
Interest charge	2,460,000	-	2,460,000	10,307	2,449,693	-
Unallocated	10,020,000	-	10,020,000	-	10,020,000	-
Advance account	-	-	-	150,000	(150,000)	-
Total	87,730,000	35,836,486	51,893,514	4,388,053	83,341,947	31,608,740

Table 2.4 Awards and Disbursements Status, Grant 0591

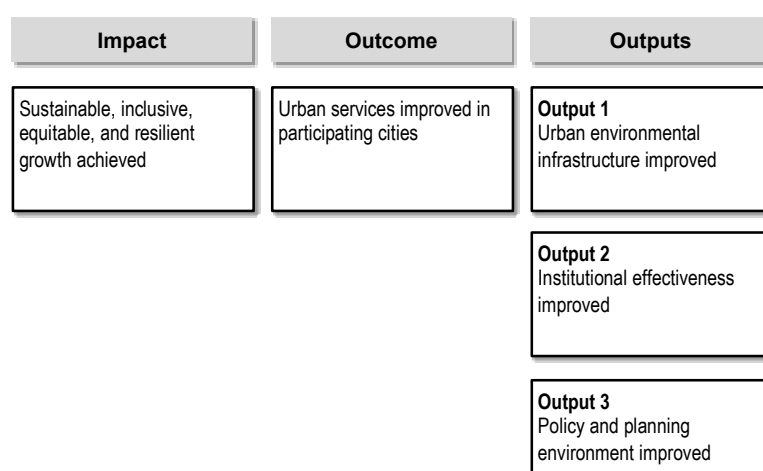
Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Works	1,270,000	1,270,000			1,270,000	1,270,000
Total	1,270,000	1,270,000			1,270,000	1,270,000

3 Project Scope and Purpose

3.1 Project Impact, Outcome and Outputs

- 7 The TS2 project will improve urban environmental services in Battambang, Serei Saophoan and Stung Saen, three of Cambodia's provincial cities located around the Tonle Sap lake. The project will also improve institutional effectiveness to provide sustainable services and support an improved policy and planning environment for wastewater and solid waste management.
- 8 The Design and Monitoring Framework (DMF) is included in Annex A. The key elements of the DMF are summarised in Figure 3.1 below.
- 9 Currently no major changes to the Project scope or arrangements are envisaged and the Project should meet its original purpose.

Figure 3.1 TS2 Impact, Outcome and Outputs



3.2 Sub-Projects

- 10 The sub-projects as proposed in the RRP are summarised in Table 3.1. Review and verification of the scope of each of the sub-projects is ongoing as part of the detailed design process.

Table 3.1 Proposed Civil Works Sub-Projects

Town	Sub-Projects	Scope of Sub-Projects
Battambang	Wastewater	▪ 8,500 m ³ /day WWTP, 109km sewers
	Solid waste management	▪ 313,900m ³ landfill*
Serei Saophoan	Wastewater & Drainage	▪ 3,500 m ³ /day WWTP, 110km sewers, 7km drains
	Solid waste management	▪ 290,000m ³ landfill**
Stueng Saen	Wastewater	▪ 3,500 m ³ /day WWTP, 54km sewers, 57km drains
	Solid waste management	▪ 130,000m ³ landfill**

Source: PPTA reports

* For first phase to 2030

**The required sizes of the landfills is under review by PMC team

3.3 Safeguards

- 11 The overall status of social and environmental safeguards is summarised in Tables 3.3 and 3.4. The position regarding resettlement data/documentation and the next steps are shown in Table 3.2.
- 12 Initial Environmental Examinations (IEEs) were prepared for all the subprojects during the PPTA activities. PMC tasks regarding IEE and EMPs as per TOR are the following:

- Update/redraft IEEs based on the detailed engineering design and domestic IESIAs
- Conduct additional analysis and data collection to ensure the final IEEs comply with ADB Safeguards Policy (SPS, 2009);
- Prepare contract specific EMPs and assist MPWT/PMU to agree with design-build contractors and/or attach to bidding documents or potential contractors

- 13 It has been unofficially agreed with the General Department of Resettlement (GDR) that PMC will support GDR in the preparation, processing and review of the resettlement documents, including definition of corridor of impact (COI) and its demarcation in the field, as well as support DMS data collection process in the field by joining the consultation meetings, data quality control and analysis.

Table 3.2 Resettlement Documentation and Next Steps

Town	Sub-Projects	Pending data / documentation	Next steps in following quarter
Battambang	Wastewater	▪ Completion of compensation payments by GDR	▪ Consultation with market vendors and residents on night-time work schedule ▪ Contractor and PIU safeguards training
	Solid waste management	▪ Access road design with avoidance of impact	▪ Include HHs near site and waste pickers under EMP ▪ Finalize DDR
Serei Saophoan	Wastewater & Drainage	▪ Consultations and DMS/SES/RCS ▪ Approval letter from Pagoda on drain	▪ Prepare draft DRP
	Solid waste management	▪ Consultations and SES with waste pickers	▪ Combine SWM with DRP for WWTP
Stueng Saen	Wastewater	▪ Completion of compensation payments by GDR	▪ Disclosure of DRP ▪ Preparation of temporary impact agreements ▪ Preparation of temporary market area ▪ Ensure GRM is operational and forms ready
	Solid waste management	▪ Access road design with avoidance of impact	▪ Include HHs near site under EMP ▪ Finalize DDR

3.4 Gender Action Plan

- 14 The TS2 Project is classified as Effective Gender Mainstreaming (EGM) and the Gender Action Plan monitoring table is shown in Annex E. Identified gender issues include insufficient solid waste collection services, limited sanitation and sewerage systems resulting in poor environmental sanitation, decrease in local business and income during flooding, limited participation in decision-making and representation in the water and sanitation sector of female staff; and limited opportunities to strengthen and expand job opportunities for women.

Table 3.3 Status of IESIA Preparation TS2

Documents	Submitted to MoE	Approved By MoE:	Status – if not approved	Comment
IESIA CW01 Lot 1 – Steung Saen: Wastewater and drainage	March 2020	May 2020		
IESIA CW01 Lot 2 – Battambang: Wastewater	March 2020	May 2020		
IESIA CW02 - Serei Saophoan: Wastewater and drainage	n/a			Technical meeting with MoE on 23 rd September 2020 and draft IESIA has been revised
IESIA CW03a – Serei Saophoan: Solid waste management	n/a			Technical meeting with MoE on 23 rd September 2020 and draft IESIA has been revised
IESIA CW03b – Steung Saen: Solid waste	n/a			TOR not approved by MoE
IESIA CW03c – Battambang: Solid waste	n/a			The second draft of IESIA was submitted to MoE on 28 th September 2020 and is now waiting for inter-ministerial meeting

Table 3.4 Status of Resettlement Safeguards

TS-2	Subproject / IR category	Site Agreed	Land ownership	MOE approval	Cadastre data	Demarcation (PMC)	PIB	Land screening report	Land acquired (ha)	DED submitted to GDR	Consultation	DMS/SES & RCS	DRP / DDR	Comments
Battambang	Landfill / C	Yes	Being verified	Yes (13.2.2020)	Requested		Updated PIB submitted	Submitted	21 ha	DED on-going	Apr-Jun.20	n/a	DDR Submitted Sep.20	Near-by houses identified, but consultation needed and inclusion in EMP. Update on waste pickers and GMS1 investment needed
	WWTP / B	Yes	Private	n/a	Yes	Yes	Distributed / update prior construction	n/a	10 ha	Yes, including updated/adjusted COI	Apr-Jul.20	Apr-Jul.20	DRP submitted Jul.20	Site preparation for vendor relocation needed. Green zone identification for areas free of encumbrances
Serei Saophoan	Landfill / B	Yes	Private	Yes	Requested	Yes	Combined PIB submitted	Submitted	10 ha	DED finalized and re-submitted to PMU	Aug-Oct.20	Oct-Nov.20	DRP Dec.20	Access road has impact - DMS needed. Near-by houses to be included in EMP for mitigation
	WWTP / B	Yes	Private	Yes	Requested ROW needed	WWTP site only		Submitted	24 ha	DED finalized and re-submitted to PMU. Bid advertised				Relocation avoided through design change, but some on-site moving back needed. ROW data urgently needed for network and access road
Stung Saen	Landfill / C	Yes	Private	Requested	Yes	Yes	Distributed	Submitted	20 ha	DED on-going	Mar.20	Mar.20	DDR Submitted Sep.20	Waste pickers included in WWTP DRP. Near-by houses to be included in EMP for mitigation.
	WWTP / B	Yes	State 6 ha/Private 10 ha	n/a	Yes	Yes	Distributed / update prior construction	Yes (14.3.2019)	10 ha	Yes, including updated/adjusted COI	11-12/2019 2-3/2020	Aug-Feb.20 / Mar.20	DRP submitted Mar.20	TIA and site preparation for vendor relocation needed. GDR to conduct additional DMS along access road (loss of land use) & social audit (20 AH at WWTP site). Meeting with contractor

4 Implementation Progress

4.1 Project Organisation and Management

- 15 The contract for PMC (Contract No. PMU/MPWT/TS-2&CTP-4/CS01) was signed on 26 June 2019 between the Ministry of Public Works and Transport (MPWT) (The Client) and Ramboll Danmark A/S in Joint Venture with Oriental Consultant Global Co., Ltd. and SCE in association with Tancons (Cambodia) Co., Ltd (The Consultant).
- 16 The PMC was mobilized on 15 July 2019. The kick-off meeting took place at MPWT in Phnom Penh on 17th of July 2019 attended by key stakeholders which addressed the overall planning of the project describing the key issues including subproject land status, priorities, future plans and understanding risks in order to develop a clear strategy and work plan.
- 17 The Ministry of Public Works and Transport (MPWT) is the Project's executing agency (EA) and will manage the implementation of the Project's outputs through a Project Management Unit (PMU) based in MPWT's main office in Phnom Penh.
- 18 Project Implementation Units (PIUs) have been established in each of the Project towns. These are embedded within the provincial Departments of Public Works and Transport (DPWT) for the different provinces.
- 19 As the available office space available in MPWT is insufficient to accommodate the large team, the PMC have rented an office space on the corner of Street 51 and Street 228. This will be the Project Office for at least one year.

4.1.1 Contract Variations

- 20 One contract variation request was submitted this quarter. The history and approval dates of contract variations are shown in Table 4.1.

Table 4.1 Contract Variations, Current and Previous Quarters

Period	Variation No.	Key Dates:		No Objection from ADB	Main Items in Variation
		Submitted	Approved by MPWT		
Previous	1	*	22 Oct 2019	18 Oct 2019	Replacement International TL and National DTL
Quarters	2		Feb 2020	March 2020	Change of scope – separate sewers, not combined and traditional procurement not D&B in CTD4, removal of procurement tasks from PMC, change in scope of urban and provincial plan preparation
	3	29 June 2020	29 June 2020		Change in payment schedule for urban and provincial planning Agreement for PMU to pay sub-contractors for preparation of IELAs
This Quarter	4	11 September 2020	11 September 2020		Replacement of National Deputy Team Leader 2

* Initially submitted as a request by letter

4.2 Progress Monitoring

- 21 A Project Performance Monitoring System (PPMS) is being used to record the progress of the project. A PPMS Report was submitted to ADB in June, and the proposed weightings were revised following the receipt of comments. The percentage progress by Outputs and Activities according to the PPMS are provided in Annex C.
- 22 The current status of all project activities is summarised in Table 4.2.

Table 4.2 Status of Sub-project and other Project Activities

1. CIVIL WORKS AND EQUIPMENT

Contract No.	Town	Site Approval	Topo Survey	Geo Survey	Safeguards	DED Status	Action Required	Action By
TS2								
CW01 Lot 1 Wastewater & Drainage WWTP, sewers, drains	Stueng Saen	▪ Yes ▪	▪ By PPTA	▪ By PPTA	▪ Report for staged release sent to ADB based on impacts	▪ Contractor mobilised ▪ Pre-works documents being processed ▪ MCC request for working area ▪ Technical issues: buildings at PS sites, access road, force mains	▪ Supervision team mobilised on site. ▪ UXO survey ongoing	▪ PMC ▪ PMU
CW01 Lot 2 Wastewater WWTP, sewers	Battambang	▪ Yes	▪ By PPTA	▪ By PPTA	▪ DMS completed ▪ Report for staged release based on impacts to be sent to ADB	▪ Contract awarded ▪ Kick-off meeting held ▪ Commencement date instructed 1 st October	▪ Coordination meeting in early October	▪ MTA ▪ PMC
CW02 Wastewater & Drainage WWTP, sewers, drains	Serei Saophoan	▪ MOE 11.2.20	▪ Yes	▪ Yes	▪ Screening report submitted 1 st June ▪ DMS ongoing by GDR	▪ Amendments submitted ▪ Issue over WWTP site ▪ COI adjustments submitted ▪ Demarcation done	▪ DMS early October	▪ GDR
CW03a Landfill	Serei Saophoan	▪ 14 Oct 2019	▪ Yes	▪ Yes	▪ Land screening submitted 5 th Feb 2020	▪ DED submitted ▪ Designs being revised ▪ ECA needed for existing landfill	▪	▪
CW03b Landfill	Stueng Saen	▪ Not yet	▪ Yes	▪ Done	▪ Screening report submitted 1 st June	▪ DED being reviewed internally ▪ ECA will be required for exsiting landfill closure	▪ MOE approval needed	▪ PMU
CW03c Landfill	Battambang	▪ MOE 13.2.20	▪ Yes	▪ Yes	▪ Land screening submitted 1 st June 2020	▪ Draft DED submitted ▪ Issue over use of existing site MRF and composting	▪	▪
G02 Landfill equipment	Battambang Serei Saophoan Stueng Saen		▪	▪	▪	▪ No action to date	▪	▪ PMC

2. PROVINCIAL PLANS AND LAND USE MASTER PLANS

	Output/Activity	Location/Coverage	Status	Action Required	Action By
	TS2				
2.1	Provincial spatial plan	Banteay Meanchey	▪ Initial site visits and meetings undertaken ▪	▪ Data analysis and draft plan	▪ PMC
2.2	LUMP	Serei Saophoan	▪ Initial site visits and meetings undertaken ▪	▪ Data analysis and draft plan	▪ PMC ▪
2.3	LUMP	Stueng Saen	▪ Initial site visits and meetings undertaken ▪	Data analysis and draft plan	▪ PMC

3. OTHER ACTIVITIES

	Item	Status	Action Required	Action By
3.1	IEC	▪ Draft TOR submitted to PMU	▪ Shortlist and recruit NGO	▪ PMU/PMC
3.2	Capacity Building	▪ Training needs assessment done ▪ First training planned in August – but now delayed due to Covid-19	▪	▪ PMU

4.3 Implementation Activities

4.3.1 Consultant Team

23 The PMC team members mobilised during the quarter are shown in Table 4.3.

Table 4.3 International and National Consultants Active During the Quarter

Position	Name
<i>International</i>	
Team Leader	Richard Mabbitt
Deputy Team Leader	Lars Orio
Wastewater / Civil Engineer 2	Michael Odgaard Nielsen
Social Safeguards and Resettlement Specialist	Teemu Jantunen
Urban Development Specialist	Howard Trett
Urban and Regional Planner	Hisako Kobayashi
Development Economist	Richard Corsel
Urban and Regional Economist	Manabu Fujikawa
Project Performance Monitoring Specialist	Nils Gardek
Solid Waste Expert	Steve Long
Social and Gender Expert	Alexander Timmermann
Senior Design Engineer	Dhanesh Prasad
<i>National</i>	
National Deputy Team Leader TS2	Ho Ratha
National Deputy Team Leader CTDP4	Ly Nara
Environmental Safeguard Specialist	Yim Chamnan
Sanitation Engineer	Va Vandith
Social Safeguards & Resettlement Specialist TS2	Chan Narith
SWM Specialist	Yin Somean
Urban Planner	Seng Touch
Site Engineer 3 (Stueng Saen)	Saing Soveasna
Site Supervisor 3 (Stueng Saen)	Ham Laycheang

4.3.2 General Activities

24 Activities during the quarter have included further review of the PPTA proposals, meetings with stakeholders, site visits to the towns, topographical and soil surveys and detailed design work.

4.3.3 Activities by Output

25 The key activities undertaken during this quarter are summarised in Table 4.4 below.

Table 4.4 Key Implementation Activities by Output During the Reporting Period

Outputs	Summary of Activities Undertaken
Output 1: Urban Environmental Infrastructure Improved	<i>Battambang – Wastewater:</i>
	- DED completed - Liaison with contractor on start-up activities
	<i>Battambang – Solid Waste Management:</i>
	- Draft DED submitted - Discussions with Provincial Government on future of existing dumpsite, composting plant and MRF
	<i>Serei Saophoan – Wastewater:</i>
	COI adjustments
	<i>Serei Saophoan – Solid Waste Management:</i>
	Review of DED – to be revised
	<i>Stueng Saen – Wastewater:</i>
Output 2: Institutional Effectiveness Improved	Liaison with contractor on start-up activities
	<i>Stueng Saen – Solid Waste Management:</i>
	DED ongoing
	<i>Battambang, Serei Saophoan, Stueng Saen – Landfill Equipment:</i>
	No action to date
Output 3: Policy and Planning Environment Improved	<i>Semiautonomous Urban Service Units:</i>
	No action to date
	<i>Training Government Staff:</i>
	No action this quarter
	<i>Roadmap for Financial Sustainability:</i>
	No action to date
	<i>Urban Development Strategies and Master Plans:</i>
	- Ongoing data collection - Meetings with provincial and municipal authorities

4.3.4 Meetings

26 The key meetings held during this quarter are listed in Annex B.

4.4 Project Costs

27 Estimates of sub-project costs are shown in Table 4.5.

Table 4.5 Current Estimates of Sub-project Costs

Town	Sub-Project	Cost Estimate US\$m	Notes
Battambang	WWTP and sewerage	21.72*	Signed contract value
	Landfill	5.00	DED engineer's estimate
Serei Saophoan	WWTP, sewerage & drainage	26.21	DED engineer's estimate
	Landfill	2.88**	PPTA estimate
Stueng Saen	WWTP, sewerage & drainage	12.76*	Signed contract value
	Landfill	2.74**	PPTA Estimate

Battambang, Serei Saophoan, Stueng Saen	Landfill equipment	2.37	Procurement Plan
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4.5 Procurement

4.5.1 Procurement Plan

28 The Procurement Plan for TS2 is shown in Annex F.

4.5.2 Procurement of Civil Works and Equipment

29 Two civil works contracts were signed during the quarter – Stueng Saen Wastewater and Drainage and Battambang Wastewater. The status of procurement of civil works and equipment contracts is summarised in Table 4.6.

Table 4.6 Status of Civil Works and Equipment Contracts

Package No.	Package Name	Estimated Value (\$m)	Method of Procurement	Type of Contract	Review	Submission of Proposed Bidding Documents to ADB	ADB Approval of Bid Docs	Invitation for Bid/ RFP Issued	Pre-Bid Meeting	Bid Opening / Receipt of Proposals	BER to ADB	ADB Approval of BER/ Issuance of NOL	Contract Signing
CW01 Lot 1	Wastewater and Drainage Stung Saen	37.49	ICB	Works	Prior	09-Aug-19	13-Aug-19	16-Aug-19	-	16-Oct-19	01-Dec-19	25-Mar-19	06-Jul-20
CW01 Lot 2	Wastewater and Drainage Battambang		ICB	Works	Prior	09-Aug-19	13-Aug-19	16-Aug-19	-	16-Oct-19	01-Dec-19	25-Mar-19	14-Aug-20
CW02	Wastewater and Drainage Serei Saophoan	28.95	ICB	Works	Prior	24-Jul-20	28-Jul-20	31-Jul-20	-	22-Sep-20			
CWO3a	Serei Saophoan Solid Waste Management	6.84	ICB	Works	Prior	25-Aug-20							
CWO3b	Stueng Saen Solid Waste Management	3.59	ICB	Works	Prior	-							
CWO3c	Battambang Solid Waste Management	7.81	ICB	Works	Prior	16-Oct-20							
G02	Soldi Waste Management Equipmennt	2.37	ICB	Equipment	Prior	-							

4.6 Provincial Planning and Municipality Planning

4.6.1 General Activities

- 30 1 Activities during the quarter have included the meetings with MLMUPC, PDLMUPCs, and the provinces for data and information collection and analysis for the formulation of the draft Provincial Spatial Plan (PSP) for Banteay Meanchey and draft Land Use Master Plans (LUMPs) for Serei Saophoan and Stueng Saen.

4.6.2 Activities by Output

- 31 The key activities undertaken during this quarter are summarised in Table 4.8 below.

Table 4.7 Key Planning Activities During the Reporting Period

Outputs	Summary of Activities Undertaken
Output 1: Formulation of Provincial Spatial Plan	<i>Banteay Meanchey:</i> - Meeting with the PDLMUPC and the Secretariat members for data collection. - Data and information of the current situation, including population, economy, infrastructure, physical characteristics, protected areas, disaster prone areas, etc. have been collected and analyzed. - Relevant plans and policies have been collected and reviewed. - Base maps and relevant maps are under preparation for analysis. - The situation analysis report is in progress.
Output 2: Formulation of Land Use Master Plan	<i>Serei Saophoan:</i> - Meeting with the PDLMUPC and the Secretariat members for data collection. - Data and information of the current situation, including population, economy, infrastructure, physical characteristics, disaster prone areas, etc. have been collected and analyzed. - Relevant plans and policies have been collected and reviewed. - Base maps and relevant maps are under preparation for analysis. - The situation analysis report is in progress. <i>Stueng Saen:</i> - A meeting was held with the PDLMUPC of for data collection. - Data and information of the current situation, including population, economy, infrastructure, physical characteristics, disaster prone areas, etc. have been collected and analyzed. - Relevant plans and policies have been collected and reviewed. - The situation analysis report is in progress.

5 Compliance with Covenants

- 32 The status of covenant compliance is shown in the tables in Annex G.

6 Project Implementation Issues

- 33 The Covid-19 pandemic has had an impact on project operations. Some international staff, including the Team Leader returned to their home countries and continued to work from there. Thus far only the Team Leader and the International Resettlement Specialist have returned to Cambodia.
- 34 After a period of only video meetings, normal face-to-face meetings have resumed, except for MLMUPC.

7 Work Plan

- 35 The summary schedule is shown in Annex D.

Annex A: Design and Monitoring Framework

TS2 Design and Monitoring Framework

Impact the Project is Aligned with sustainable, inclusive, equitable, and resilient growth achieved (National Strategic Development Plan, 2014–2018) ^a			
Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks
Outcome Urban services improved in participating cities	By 2026 a. 69,800 people (35,750 women) serviced by new and improved wastewater collection and treatment facilities (2017 baseline: 6,300) b. 188,800 people (96,700 women) served by improved solid waste management (2017 baseline: 61,900) c. 15,700 people (8,040 women) benefit from reduced flooding through improved drainage (2017 baseline: not applicable)	a–c. Annual reports by DPWTs and MPWT, monitoring reports, ADB loan missions, and project completion report	Lack of financial sustainability from limited cost recovery and/or low willingness of households to connect to sewerage network or pay for improved services
Outputs 1. Urban environmental infrastructure improved	By 2024 1a. 3 new wastewater treatment plants with 9,600 m ³ /day capacity constructed (2017 baseline: 0) 1b. 204 km of new sewer networks constructed (2017 baseline: 0) 1c. 26 km of new drainage networks constructed (2017 baseline: 0) 1d. 3 controlled landfills with 528,000 m ³ capacity constructed and operational (2017 baseline: 3 dump sites) 1e. 30% of staff employed in O&M are women (2017 baseline: 0)	1a–e. Project construction records and project progress reports	Construction delays from late approval and implementation of land acquisition and/or resettlement Poor O&M of project infrastructure, given limited local capacity for O&M
2. Institutional effectiveness improved	2a. Semiautonomous USUs established and operational (2017 baseline: not applicable) 2b. 25 government staff (including 10 women) reported increased knowledge on urban service delivery, urban facilities O&M, and public–private partnerships and other institutional arrangements (2017 baseline: 0)	2a. Project progress reports 2b. Training records	Low financial management and technical capacity at PIUs, and ineffective transition to USUs
3. Policy and planning environment improved	3a. Road map for financial sustainability (including tariff road map) developed between MPWT and three provincial governments, with consultation from MEF, MIH, MOWA, MRD, and other agencies (2017 baseline: not applicable)	3a–b. Project progress reports	Ineffective or delayed implementation of financial sustainability road maps
	3b. Urban development strategy and master plan with climate-resilient and gender-responsive measures developed and approved in all three cities (2017 baseline: not applicable)		
Key Activities with Milestones			

1. Urban environmental infrastructure improved 1.1 Issue bidding documents for Battambang wastewater and Stueng Saen wastewater and drainage contracts by Q3 2018 1.2 Award works contracts for Battambang wastewater and Stueng Saen wastewater and drainage by Q2 2019 1.3 Complete land acquisition for Serei Saophoan wastewater and all landfills by Q2 2019 1.4 Issue bidding documents for Serei Saophoan wastewater and drainage by Q3 2019 1.5 Issue bidding documents for landfills in all three cities by Q1 2020 1.6 Award works contract for Serei Saophoan wastewater and drainage by Q1 2020 1.7 Award works contracts for landfills in all three cities by Q3 2020 1.8 Complete construction by Q4 2022 2. Institutional effectiveness improved 2.1 Begin on-the-job training for PMU and PIU staff by Q2 2020 2.2 Establish semiautonomous units with adequate staff by Q1 2021 2.3 Conclude on-the-job training for PMU and PIU staff by Q3 2023 3. Policy and planning environment improved 3.1 Begin preparation of urban development strategy and master plans by Q2 2019 3.2 Begin preparation of financial sustainability road map by Q2 2019 3.3 Finalize urban development strategy and master plans by Q4 2019 3.4 Develop financial sustainability road map by Q1 2020
Inputs Asian Development Bank: \$87.73 million (concessional loan) Asian Development Fund Disaster Risk Reduction Fund: \$1.27 million (grant) Government: \$8.70 million
Assumption for Partner Financing Not applicable.

ADB = Asian Development Bank; km = kilometer; m3 = cubic meter, MEF = Ministry of Economy and Finance; MIH = Ministry of Industry and Handicrafts; MOWA = Ministry of Women's Affairs; MPWT = Ministry of Public Works and Transport; MRD = Ministry of Rural Development; O&M = operation and maintenance; DPWT =

Department of Public Works and Transport; PIU = project implementation unit; PMU = project management unit, Q = quarter, USU = urban service unit.

a Government of Cambodia. 2014. National Strategic Development Plan, 2014–2018. Phnom Penh. Source: Asian Development Bank.

Annex B: List of Key Meetings Held During the Quarter

Date	
1-3 July	Solid Waste Engineer to have consultation meeting with communities for Landfill subproject in Battambang
29 June – 3 July	Social Safeguards & Resettlement Specialist to have consultation meeting with GDR, PIU, AHs (farmer), and local authorities, site checking for land used of farmers along the access road to WWTP sites in Battambang
15-23 July	Social Safeguards & Resettlement Specialist to have interviews with waste pickers at existing landfill, checking all affected households along the railway (relocation site), to have a meeting with DWVT, Vocational Training centres, NEA, organisations, DLMUPC, PIU and Department of Social Affairs at Serei Saophoan
21 July	PMC and Contractor to have a Kick-off meeting- Construction of Stueng Saen Wastewater and Drainage Sub-project (Lot1) at PMU
22-24 July	National Deputy Team Leader TS2 and SWM Specialist to visit new landfill site, have a meeting with MIU Team and visit old landfill site
30-31 July	Social Safeguards & Resettlement Specialist to have a DMS Training with GDR, PIU and DMS working before start DRP for Serei Saophoan
30-31 July	PMC Team to attend a presentation from DPWT of the history, design and operation of the WWTP Siem Reap
4 August	Urban Planning Team to have meeting with Department and the Secretariat of the Provincial Committee of Land Management and Urban Planning, Banteay Meanchey (Draft Serei Saophoan Land Use Master Plan and draft Banteay Meanchey Provincial Spatial Plan)
5 August	Urban Planning Team to have meeting with Department and the Secretariat of the Provincial Committee of Land Management and Urban Planning, Kampong Thom (Draft Stueng Saen Land Use Master Plan)
5-7 August	Social Safeguards & Resettlement Specialist to have a meeting with PIU Stueng Saen and GDR, conduct consultation with AHs, site checking with GDR
10 August	PMC team to conduct a presentation of outline concept for Battambang landfill at PMU
10-11 August	Environmental Safeguard Specialist and MoE Team to review and site visit on IESIA report of Battambang Landfill subproject
13-14 August	Environmental Safeguard Specialist and MoE Team to review and site visit on IESIA reports of WWTP and Landfill subprojects of Serei Saophoan
16-23 August	Social Safeguards & Resettlement Specialist to follow up with the demarcation of demarcation team at Serei Saophoan
24-26 August	PMC team to have a meeting with PMU and contractor at DPWT-Battambang Demarcation for access road to new landfill
27 August	Environmental Safeguard Specialist to have a site visit with MoE to investigate the sensitive environmental and social receptors on proposed site, reporting and approving on site selection from MoE
27-28 August	National Deputy Team Leader TS2 and SWM Specialist to have a presentation of new landfill concept design, and clarification some information of existing dumpsite closure and additional service areas
28 August	Sanitation Engineer to have a meeting with PMU, PIU Stueng Saen, local people and contractor at field site to see the resettlement impact before starting the construction such as free resettlement impact, minor resettlement impact and major resettlement impact
2 September	Social Safeguards & Resettlement Specialist TS2 to have a meeting with GDR, PMU, PIU and Contractor for resettlement assessment in Stueng Saen
3 September	Social Safeguards & Resettlement Specialist TS2 to have a meeting with GDR, PMU, and PIU for discussion about Serei Saophoan demarcation and site checking

Annex C: Project Progress by Output

Activities	Weighting	Plan/Progress (%)	
Overall		Plan cumulative %	49.21%
		Progress to date	44.68%
Output 1: Urban environmental infrastructure improved	70%	Plan cumulative %	47.73%
		Progress to date	44.64%
Wastewater Treatment Plants, Sewerage and Drainage		Plan cumulative %	47.37%
		Progress to date	45.74%
i. Stueng Saen WWTP, Sewerage and Drainage		Plan cumulative %	36.30%
		Progress to date	35.95%
ii. Serei Saophoan WWTP, Sewerage and Drainage		Plan cumulative %	69.50%
		Progress to date	66.48%
iii. Battambang WWTP, Sewerage and Drainage		Plan cumulative %	36.30%
		Progress to date	34.80%
Wastewater Treatment Plants	20%	Plan cumulative %	47.37%
		Progress to date	46.38%
i. Stueng Saen WWTP	33%	Plan cumulative %	36.30%
		Progress to date	36.30%
Preparation of Resettlement Plan/Due Diligence Review	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	7%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	10%	Cumulative %	2.00%
Implementation of GAP and Communication Plan	10%	Cumulative %	2.00%
Bidding process/Award of contract	8%	Cumulative %	100.00%
Construction and Installation	45%	Cumulative %	2.00%

ii. Serei Saophoan WWTP	33%	Plan cumulative % Progress to date	69.50% 66.75%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	90.00%
Preparation and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	97.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	50.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	81.00%
Construction and Installation	20%	Cumulative %	0.00%
iii. Battambang WWTP	33%	Plan cumulative % Progress to date	36.30% 36.10%
Preparation of Resettlement Plan/Due Diligence Review	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	7%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	10%	Cumulative %	1.00%
Implementation of GAP and Communication Plan	10%	Cumulative %	1.00%
Bidding process/Award of contract	8%	Cumulative %	100.00%
Construction and Installation	45%	Cumulative %	2.00%

Sewerage & Drainage	30%	Plan cumulative % Progress to date	47.37% 45.10%
i. Stueng Saen Sewerage	33%	Plan cumulative % Progress to date	36.30% 35.60%
Preparation of Resettlement Plan/Due Diligence Review	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	7%	Cumulative %	90.00%
Monitoring of Social and Environmental Safeguards	10%	Cumulative %	2.00%
Implementation of GAP and Communication Plan	10%	Cumulative %	2.00%
Bidding process/Award of contract	8%	Cumulative %	100.00%
Construction and Installation	45%	Cumulative %	2.00%
ii. Serei Saophoan Sewerage and Drainage	33%	Plan cumulative % Progress to date	69.50% 66.20%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	90.00%
Preparation and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	96.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	20.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	90.00%
Construction and Installation	20%	Cumulative %	0.00%

iii. Battambang Sewerage	33%	Plan cumulative % Progress to date	36.30% 33.50%
Preparation of Resettlement Plan/Due Diligence Review	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	7%	Cumulative %	60.00%
Monitoring of Social and Environmental Safeguards	10%	Cumulative %	2.00%
Implementation of GAP and Communication Plan	10%	Cumulative %	2.00%
Bidding process/Award of contract	8%	Cumulative %	100.00%
Construction and Installation	45%	Cumulative %	2.00%
Landfills	15%	Plan cumulative % Progress to date	64.83% 56.30%
i. Stueng Saen Landfill	33%	Plan cumulative % Progress to date	66.00% 62.95%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	96.00%
Preparation and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	90.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	99.00%
Preparation of BOQ and specs	10%	Cumulative %	95.00%
Preparation of Bidding Documents	2%	Cumulative %	90.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

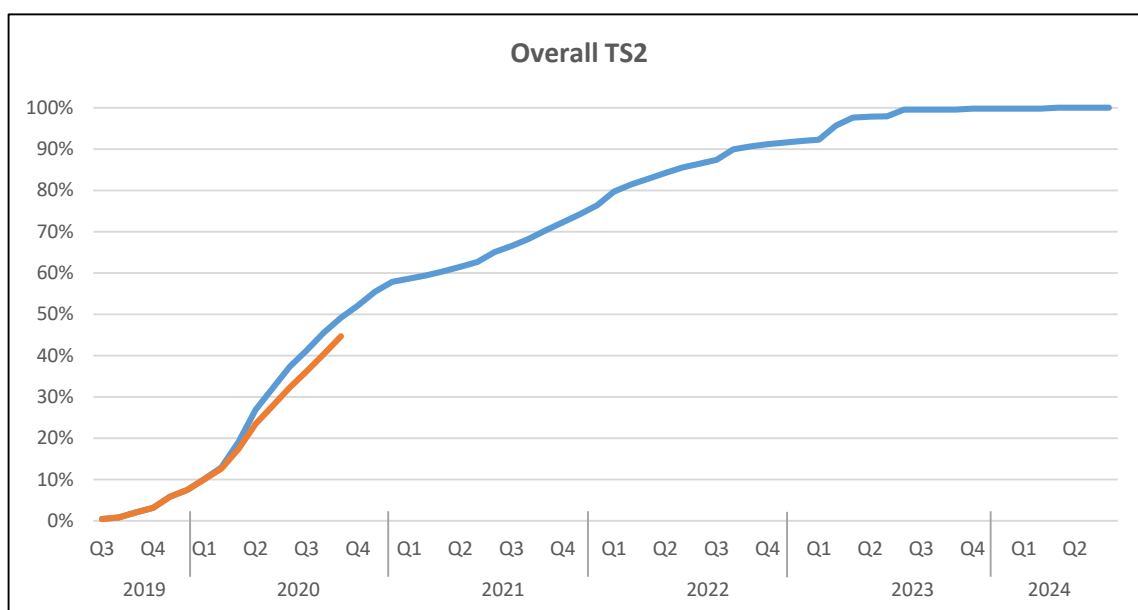
ii. Serei Saophoan Landfill	33%	Plan cumulative % Progress to date	68.00% 52.19%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	95.00%
Preparation and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	75.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	0.00%
Preparation of Bidding Documents	2%	Cumulative %	97.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

iii. Battambang Landfill	33%	Plan cumulative % Progress to date	60.50% 53.75%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	95.00%
Preparation and Approval of IEE & EMP	10%	Cumulative %	95.00%
Preparation and Approval of IEIA	10%	Cumulative %	65.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	80.00%
Preparation of BOQ and specs	10%	Cumulative %	80.00%
Preparation of Bidding Documents	2%	Cumulative %	0.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

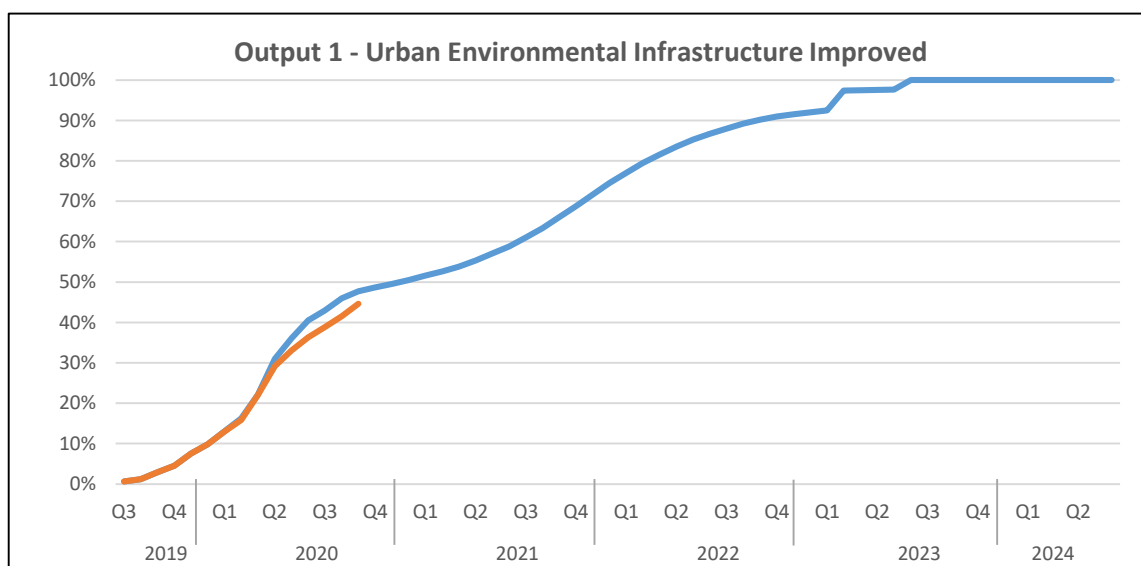
Staff Employed in O&M are women	5%	Plan cumulative % Progress to date	0.00% 0.00%
i. Stung Treng O & M Staff	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
ii. Serei Saophoan O & M Staff	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
iii. Battambang O & M Staff	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
Output 2: Institutional Effectiveness Improved	20%	Plan cumulative % Progress to date	12.06% 6.25%
a. Establishment of Urban Services Units	75%	Plan cumulative % Progress to date	5.00% 0.00%
Stueng Saen	33%	Cumulative %	0.00%
Serei Saphoan	33%	Cumulative %	0.00%
Battambang	33%	Cumulative %	0.00%
b. Training	25%	Plan cumulative % Progress to date	33.25% 25.00%
Training Needs Assessment	25%	Cumulative %	100.00%
Training Delivery	75%	Cumulative %	0.00%
Output 3: Policy and Planning Environment Improved	10%	Plan cumulative % Progress to date	73.00% 64.00%
a. Preparation of Land Use Master Plan	50%	Plan cumulative % Progress to date	73.00% 64.00%
Stueng Saen	50%	Cumulative %	64.00%
Serei Saphoan	50%	Cumulative %	64.00%
b. Preparation of Provincial Plans	50%	Plan cumulative % Progress to date	73.00% 64.00%
Banteay Meanchey Province	100%	Cumulative %	64.00%

Output Progress Compared with Planned Progress

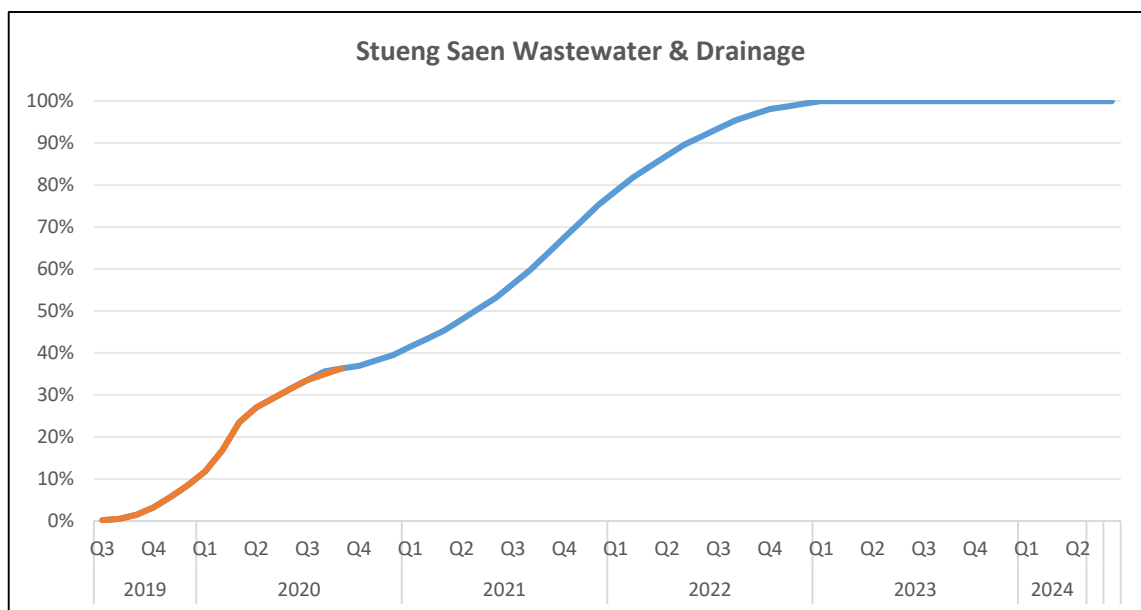
(Based on work plans prepared in April 2020)



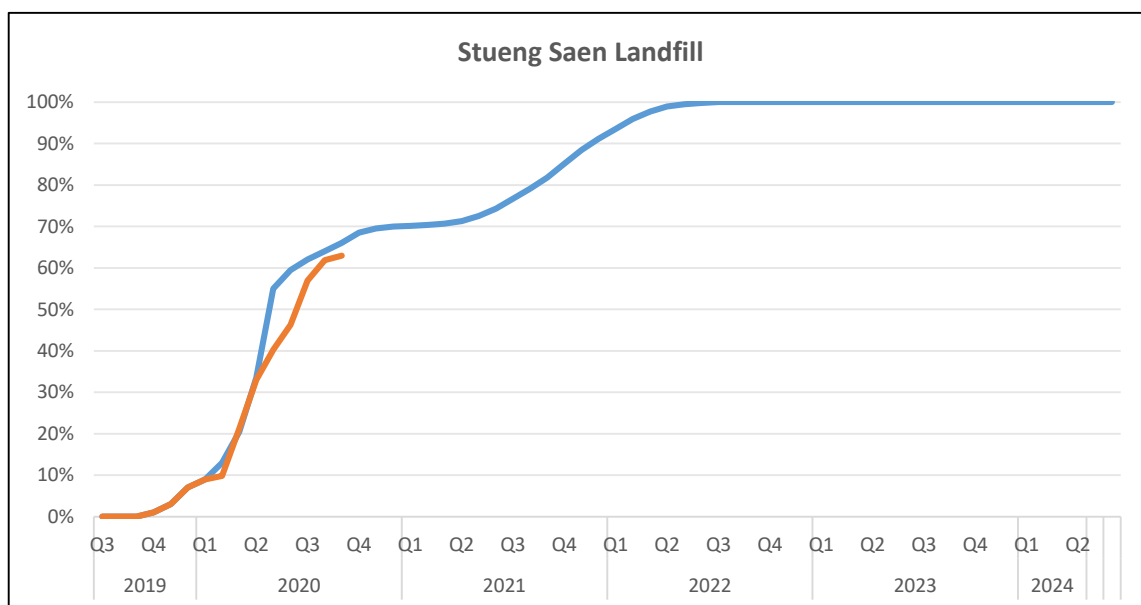
Plan 49.21% **Actual** 44.68%



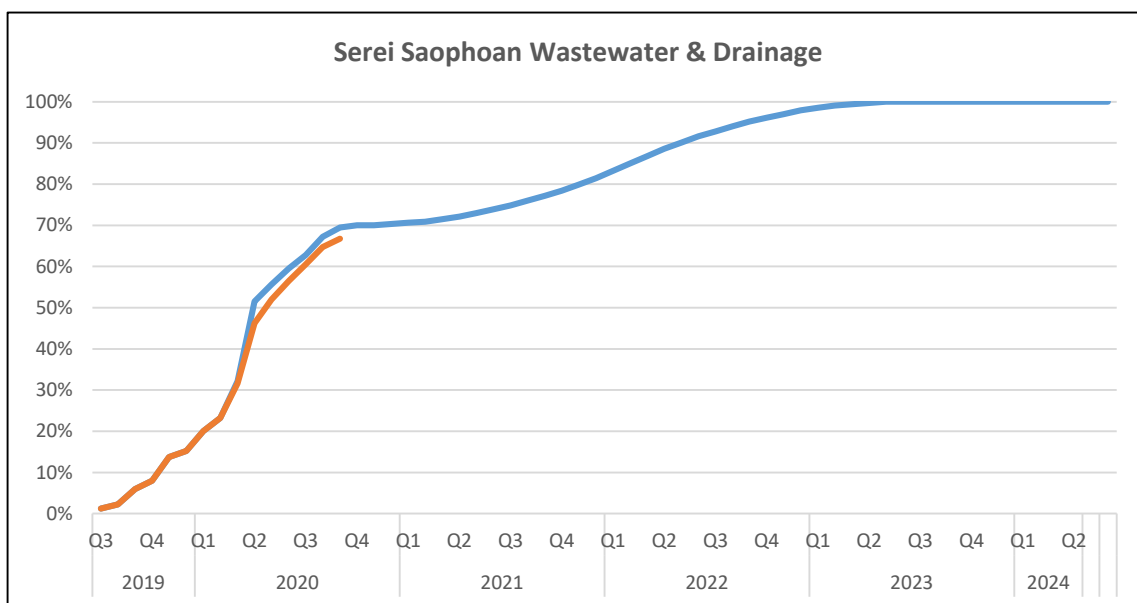
Plan 47.73% **Actual** 44.64%



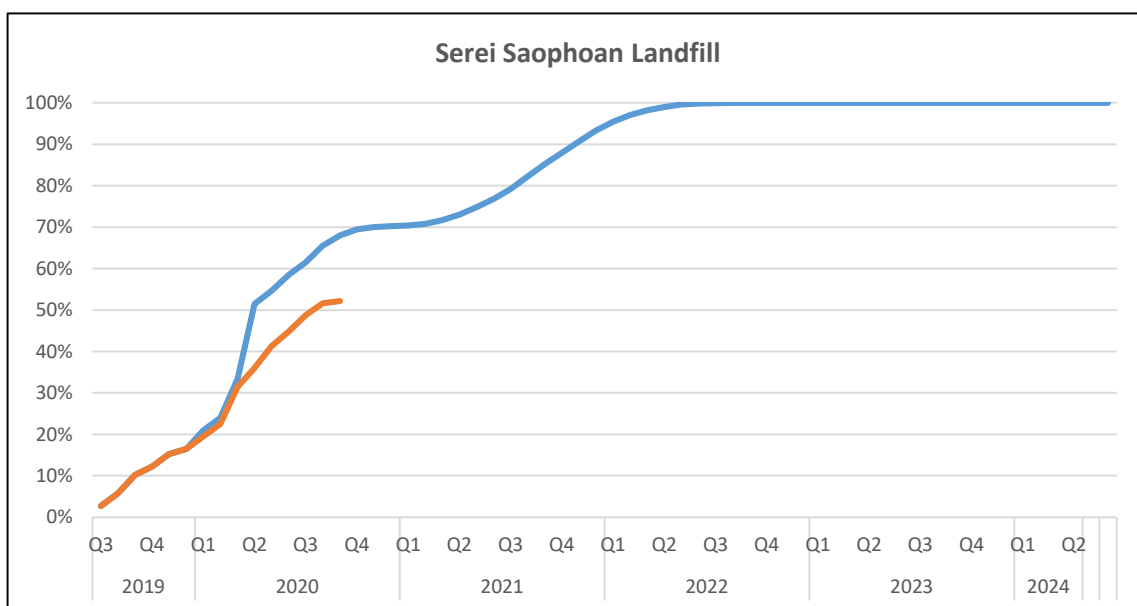
Plan 36.30% **Actual** 35.95%



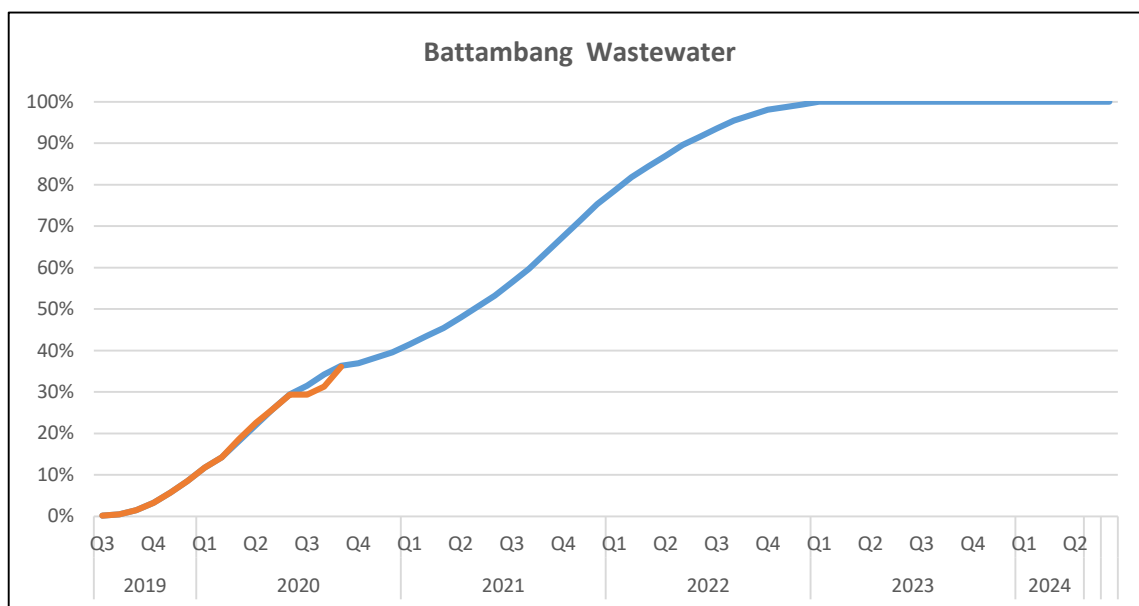
Plan 66.00% **Actual** 62.95%



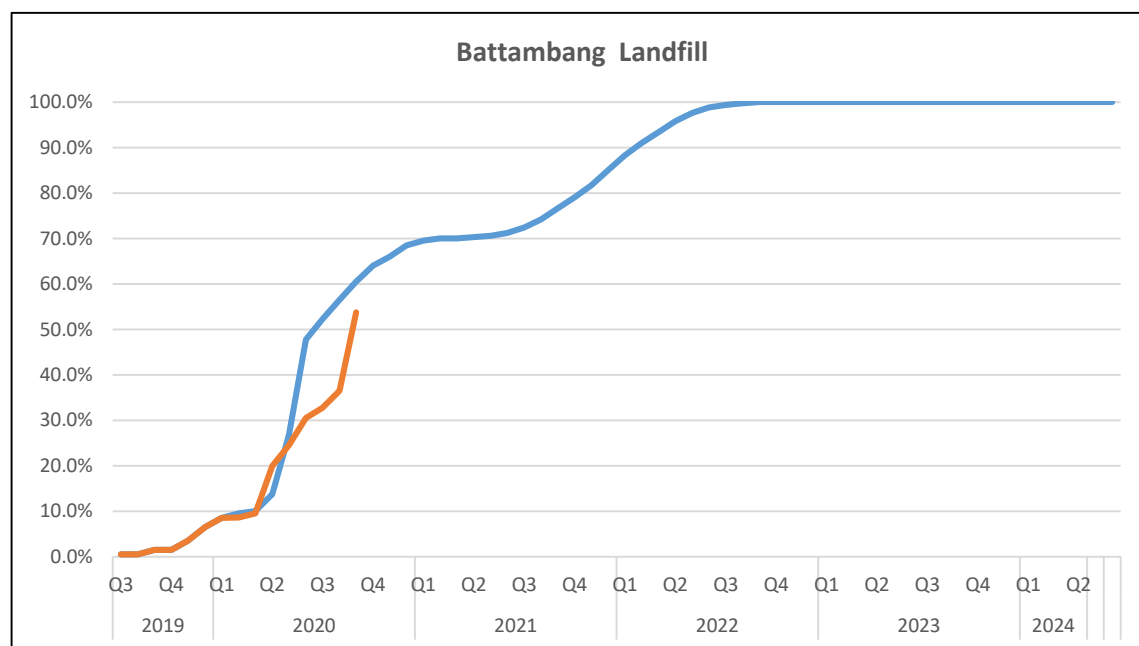
Plan 69.50% **Actual** 66.48%



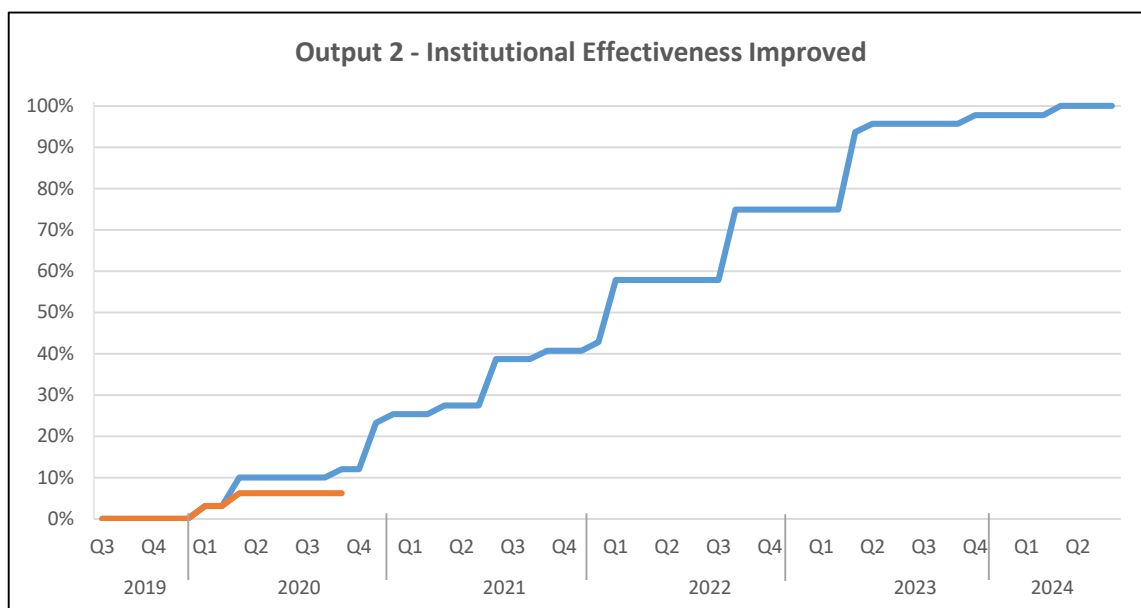
Plan 68.00% **Actual** 52.19%



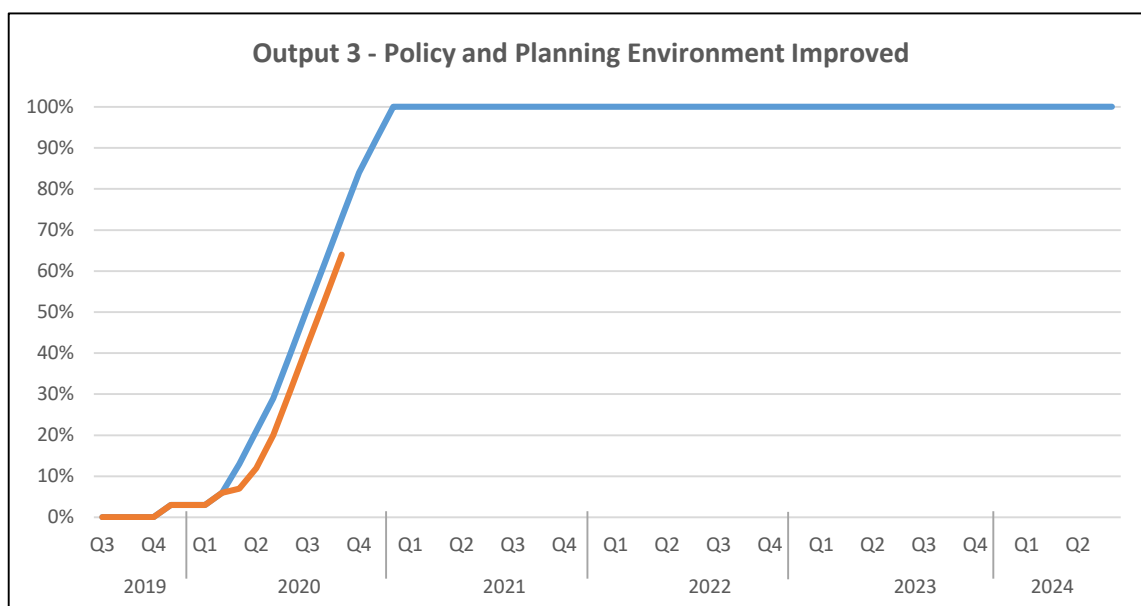
Plan 36.30% **Actual** 34.80%



Plan 60.50% **Actual** 53.75%



Plan 12.06% **Actual** 6.25%



Plan 73.00% **Actual** 64.00%

Annex D: Work Plan

[illegible]

Annex E: Gender Action Plan Monitoring

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (as of Q3 2020)	Issues, Challenges & Comments
Output 1: Urban environmental infrastructure improved		
Output 1.1: Urban environmental infrastructure in Stueng Saen improved		
Target 1: Free household sewer connections (including on-site plumbing) to a total of 2,540 ID Poor households including 700 FHH in the three participating towns (2018 baseline: 0). Responsibility: PIUs/Cities	Not yet due: Q4 2023	The WW services will be extended to an already defined service area with a given share of FHH and ID Poor HH. The target is established for the three participating towns in combination. The bidding document requires free HH sewer connections for 2550 HH in Stueng Saen. Clarification required on the existence of socio-economic baseline survey and requirement for impact survey. Baseline and impact survey are not specified under the PMC scope of work.
Target 2: Improved toilets provided free of charge to a total of 760 ID Poor 1 and 2 (2018 baseline: 0) including 100 FHH in the three participating towns. Responsibility: PIUs/Cities	Not yet due: Q4 2023	Bidding document requires improved toilets to 190 poor HH in Stueng Saen. Identification of the HH to be conducted by the PIU/City through the procurement of an NGO.
Target 3: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit	Not yet due: Q4 2023	The employing organisations to be assigned responsibility for the target. PMC to review baseline data
Output 1.2: Urban environmental infrastructure in Serei Saophan improved		
Target 4: Free household sewer connections (including on-site plumbing) to a total of 2,540 ID Poor households including 700 FHH in the three participating towns (2018 baseline: 0). Responsibility: PIUs/Cities	Not yet due: Q4 2023	The WW services will be extended to an already defined service area with a given share of FHH and ID Poor HH. The target is established for the three participating towns in combination. The bidding document requires free HH sewer connections for 3700 HH in Serei Saophan.

		Clarification required on the existence of socio-economic baseline survey and requirement for impact survey. Baseline and impact survey are not specified under the PMC scope of work.
Target 5: Improved toilets provided free of charge to a total of 760 ID Poor 1 and 2 (2018 baseline: 0) including 100 FHH in the three participating towns. Responsibility: PIUs/Cities	Not yet due: Q4 2023	Bidding document requires improved toilets to 190 poor HH in Serei Saophan. Identification of the HH to be conducted by the PIU/City through the procurement of an NGO.
Target 6: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit	Not yet due: Q4 2023	Refer above.
Output 1.3: Urban environmental infrastructure in Battambang improved		
Target 7: Free household sewer connections (including on-site plumbing) to a total of 2,540 ID Poor households including 700 FHH in the three participating towns (2018 baseline: 0). Responsibility: PIUs/Cities	Not yet due: Q4 2023	The WW services will be extended to an already defined service area with a given share of FHH and ID Poor HH. The target is established for the three participating towns in combination. The bidding document requires free HH sewer connections for 5180 HH in Battambang. Clarification required on the existence of socio-economic baseline survey and requirement for impact survey. Baseline and impact survey are not specified under the PMC scope of work.
Target 8: Improved toilets provided free of charge for a total of 760 ID Poor 1 and 2 (2018 baseline: 0) including 100 FHH in the three participating towns. Responsibility: PIUs/Cities	Not yet due: Q4 2023	Bidding document requires improved toilets to 400 poor HH in Battambang. Identification of the HH to be conducted by the PIU/City through the procurement of an NGO.
Target 9: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit	Not yet due: Q4 2023	Refer above.
Output 2: Improved institutional effectiveness		

Target 10: 25 government staff (including 10 women) reporting increased knowledge on urban service delivery, O&M of urban facilities, and PPP and other institutional arrangements (2018 baseline: 0) Responsibility: PMU/PIUs	Not yet due: Q4 2023	Pre- and post-training questionnaires will be distributed in coordination with the Capacity Development and Training Specialist
Target 11: Women's representation in PMU/PIU's decision-making and technical positions for: PMU: 30% (2018: 20%); PIU Stueng Saen 30% (2018: 23%); PIU Serei Saophoan: 30% (2018: 24%) Responsibility: PMU/PIUs	To be monitored during the project period.	Staff lists and gender lists have been collected by the PMC from the PMU and PIUs. Women representation are as follows: PMU: 30% versus a target of 30% PIU Stueng Saen (Kompong Thom Province): 11% versus a target of 30% PIU Serei Saophoan (Banteay Mean Chey Province): 22% versus a target of 30% PIU Battambang: 33%
Output 3: Improved policy and planning environment		
Action 1: Road map for financial sustainability (including tariff road map) developed between MPWT and three provincial governments, with consultation from MEF, MIH, MOWA, MRD and other relevant agencies (2018 baseline: N/A) Responsibility: PMU/PIUs	Not yet due: Q4 2022	Relation to Gender and GAP unclear.
Action 2: Urban development strategy and master plan, with climate resilience and gender responsive measures, developed and approved in all three cities. (2018 baseline: N/A) Responsibility: MLMUPLC/PMC	Not yet due: Q4 2022	Note that scope has changed to Land Use Master Plans (LUMP), while Battambang town has prepared the LUMP. Therefore, action is proposed changed to: "Land Use Master Plan with climate resilience and gender responsive measures, developed and approved in Stueng Saen and Serei Saophan" NGO involvement not planned; responsibility proposed changed to PMC in cooperation with the Ministry of Planning
Target 11: At least 81 schools (50% boys and 50% girls) informed on the benefits of proper sanitation, safe disposal of waste, and menstrual hygiene (2018 baseline: 0). Responsibility: PIUs/Cities/NGO	Not yet due: Q4 2022	Baseline and impact survey to be included in the scope of the NGO assignment

Annex F: Procurement Plan

TS2 PROCUREMENT PLAN

Basic Data

Project Name: Second Urban Environmental Management in the Tonle Sap Basin Project	
Project Number: 50102-002	Approval Number: 3684/0591
Country: Cambodia	Executing Agency: Ministry of Public Works and Transport
Project Procurement Risk: High	Implementing Agency: N/A
Project Financing Amount: US\$ 97,700,000 ADB Financing: US\$ 89,000,000 Cofinancing (ADB Administered): Non-ADB Financing: US\$ 8,700,000	Project Closing Date: 30 June 2024
Date of First Procurement Plan: 14 April 2018	Date of this Procurement Plan: 10 August 2020 Version 1
Advance Contracting: No	e-GP: No

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	Prior. All bid documents, evaluations and contracts.
National Competitive Bidding for Goods	Between US\$ 100,000 and US\$ 999,999	Prior/post. Prior review for first set of bid documents for EA and post review for succeeding packages.
Shopping for Goods	Up to US\$ 99,999	3 quotations required
International Competitive Bidding for Works	US\$ 3,000,000 and Above	Prior. All bid documents, evaluations and contracts.
National Competitive Bidding for Works	Between US\$ 100,000 and US\$ 2,999,999	Prior/post. Prior review for first set of bid documents for EA and post review for succeeding packages.
Shopping for Works	Up to US\$ 99,999	3 quotations required
Others for Works	Up to US\$ 119,999	Works Contracts for Community-driven Environmental Improvements; NCB/Shopping

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	Prior. Request for proposal, evaluations and contracts.
Quality-Based Selection for Consulting Firm	Prior. Request for proposal, evaluations and contracts.
Consultant's Qualification Selection for Consulting Firm	Prior. Request for proposal, evaluations and contracts.
Individual Consultant Selection for Individual Consultant	Prior. Request for proposal, evaluations and contracts.

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

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

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW01	Wastewater/Drainage in Stueng Saen and Battambang	37,488,000.00	ICB	Prior	1S1E	Q3 / 2019	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
CW02	Wastewater and Drainage in Serei Saophoan	28,950,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
CW03a	Serei Saophoan Solid Waste Management	6,840,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW03b	Stueng Saen Solid Waste Management	3,590,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW03c	Battambang Solid Waste Management	7,810,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

G02	Solid Waste Management equipment	2,370,000.00	ICB	Prior	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods
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3. Consulting Services Contracts Estimated to Cost \$100,000 or More

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

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

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

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

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
G03	Office Equipment	50,000.00	1	Shopping	Prior		Q3 / 2020	

Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS02	Social Development and Gender Specialist	90,000.00	1	ICS	Prior	Q3 / 2020		Assignment : National Expertise: Social and gender
CS05	Project Accountant	40,000.00	1	ICS	Prior	Q3 / 2020		Assignment : National Expertise: Accounting

B. Indicative List of Packages Required Under the Project

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

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

Consulting Services							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments
None							

C. List of Awarded and On-going, and Completed Contracts

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

1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
G01	Vehicles	160,000.00	161,400.00	NCB	Q1 / 2019	28-MAY-19	

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS01	Project Management Consultants	5,650,000.00	5,412,472.77	QCBS	Q2 / 2018	02-MAY-19	
CS03	Environment Safeguard Specialist	80,000.00	80,000.00	ICS	Q4 / 2019	05-MAY-20	
CS04	Social Safeguard Specialist	80,000.00	80,000.00	ICS	Q4 / 2019	19-MAY-20	

D. National Competitive Bidding

A. Regulation and Reference Documents

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

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

B. Procurement Procedures

1. Application

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

2. Sanctioning

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

3. Rejection of all Bids and Rebidding

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

4. Advertising

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

C. Bidding Documents

5. Use of Bidding Documents

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

6. Bid Evaluation

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

substantial deviations.

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

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

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

8. ADB Policy Clauses

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

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

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

Annex G: Compliance with Loan and Grant Covenants

No.	Covenant	Reference	Status of Compliance
TS2 Loan 3684			
1	In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in Schedule 5 to the Loan Agreement	Section 4.01	Ongoing
2	The borrower shall cause the Project Executing Agency to (i) maintain separate accounts and records for the projects; (ii) prepare annual financial statements for the project in accordance with financial reporting standard 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 auditing standards, acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Loan proceeds, and 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.	Section 4.02 (a)	Ongoing
3	ADB shall disclose the annual audited financial statements for the project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Section 4.02 (b)	Ongoing
4	The Borrower shall enable ADB, upon ADB's request, to 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)	Ongoing
5	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Section 4.03	Ongoing
TS2 Grant 0951			
7	In the carrying out of the project and operation of the project facilities, the Recipient shall perform, or cause to be performed, all obligations set forth in Schedule 5 to the Ordinary Operations [Concessional] Loan Agreement.	Section 4.01	Ongoing
8	The Recipient shall cause the Project Executing Agency to (i) maintain separate accounts and records for the projects; (ii) prepare annual financial statements for the project in accordance with financial reporting standard 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 auditing standards, acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Grant proceeds, and 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.	Section 4.02 (a)	Ongoing
9	ADB shall disclose the annual audited financial statements for the project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Section 4.02 (b)	Ongoing
10	The Recipient shall enable ADB, upon ADB's request, to discuss the financial statements for the project and the Recipient'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 Recipient, unless the Recipient shall otherwise agree.	Section 4.02 (c)	Ongoing

No.	Covenant	Reference	Status of Compliance
11	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Section 4.03	Ongoing