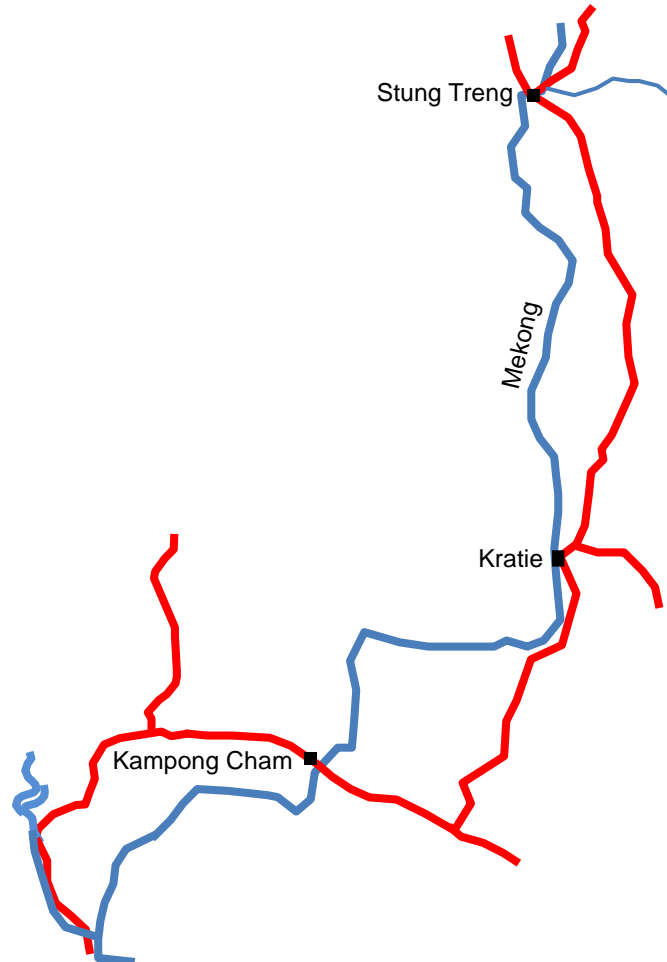




Ministry of Public Works and Transport
The Kingdom of Cambodia

**Fourth Greater Mekong Subregion
Corridor Towns Development Project**
ADB L3686/G0592/G0593 CAM



Quarterly Report
Quarter 3, 2021
July to September



Document Control Sheet

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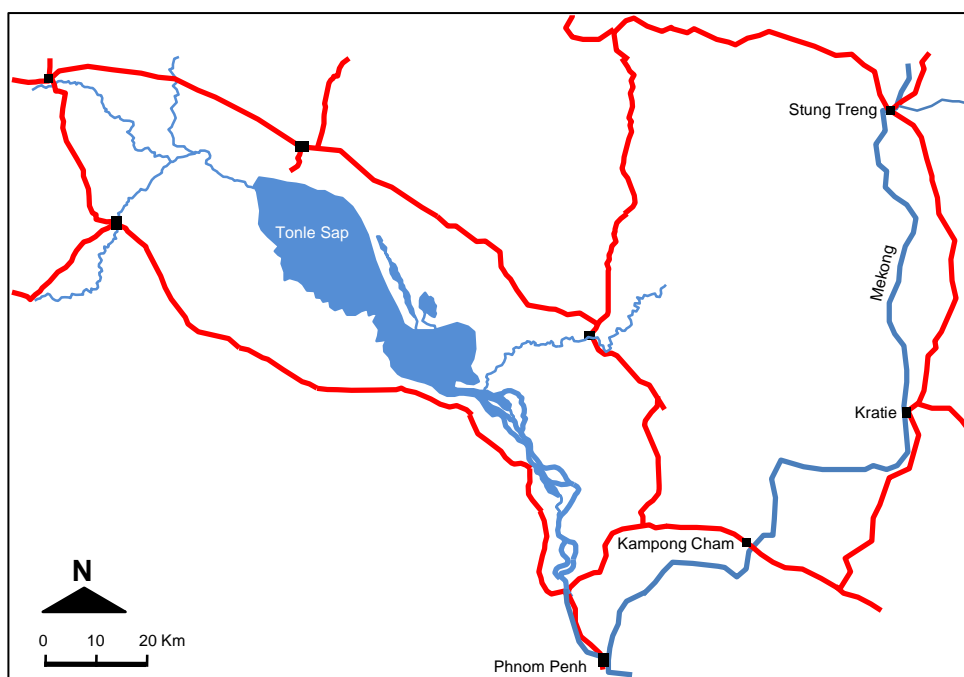
ADB	Asian Development Bank
CBO	Community-Based Organization
COI	Corridor-of-Impact
CPP	Community Procurement Procedures
CPS	Country Partnership Strategy
CSO	Civil Society Organizations
DC	Development Committee
DDR	Due Diligence Report
DRP	Detailed Resettlement Plan
DRM	Disaster Risk Management
EA	Executing Agency
EMP	Environmental Management Plan
FGD	Focus Group Discussion
GAP	Gender Action Plan
GDR	General Department of Resettlement (MEF)
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
IA	Implementing Agency
IEE	Initial Environmental Examination
IP(s)	Indigenous People(s)
IR	involuntary resettlement (IR)
MEF	Ministry of Economics and Finance
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 Fourth Greater Mekong Subregion (GMS) Corridor Towns Development Project (hereinafter referred to as CTDP4). The location of the project towns is shown in Figure 1.1.
- 2 This is the Quarterly Report for Quarter 3, 2021 (July 1 to September 30).

Figure 1.1 Location of Project Towns



1.2 Basic Data

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

Table 1.1 Basic Data – CTDP4

ADB Project number:	Loan 3686, Grants G0592 & G0593
Project Title:	Fourth Greater Mekong Subregion Corridor Towns Development Project
Beneficiary:	Kingdom of Cambodia
Executing Agency:	Ministry of Public Works and Transport
Implementing Agency:	Provincial Governments of Kampong Cham, Kratie, Stung Treng
Date of Effectiveness:	14 December 2018
Closing Date:	30 June 2024
Date of Last ADB Mission:	May 2021

1.3 Cost Estimates and Financing Plan

1.3.1 CTDP4 Cost Estimates and Financing Plan

- 4 The total cost of the project is estimated at US\$88.5m including contingencies. The breakdown of cost estimates is given in Table 1.2.

Table 1.2 CTDP4 Summary Cost Estimates by Output (\$ million)

Item	Amount
A. Base Cost	
1. Urban environmental infrastructure improved	66.87
2. Institutional effectiveness improved, and policy and planning environment for regional economic connectivity enhanced	9.67
Sub-Total (A)	76.54
B. Contingencies	9.70
C. Financial Charges During Implementation	2.26
Total (A+B+C)	88.50

Source: Asian Development Bank estimates.

5 The summary of the financing plan for CTDP4 is shown in Table 1.3.

Table 1.3 CTDP4 Financing Plan

Source	Amount (\$ million)	Share of Total (%)
Asian Development Bank		
Ordinary capital resources (concessional loan)	77.00	87.0
Special Funds resources (ADF grants)*	3.00	3.4
Korea EAKPF	0.50	0.6
Government	8.00	9.0
Total	88.5	100.0

* Including \$1.5m from Disaster Risk Reduction Fund (DRRF)

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 30st September 2021, the contract awards amount to a total of **\$7,159,597**, and to date disbursements total **\$2,918,626**.

Table 2.1 Summary Contract Awards and Disbursements (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 3686	78,500,000	6,531,443	71,968,557	2,090,472	76,409,528	4,440,971
Grant 0592	1,500,000	500,000	1,000,000	600,000	900,000	(100,000)
Grant 0593	500,000	-	500,000	100,000	400,000	(100,000)
Government	8,700,000	128,154	8,571,846	128,154	8,571,846	-
Total	89,200,000	7,159,597	82,040,403	2,918,626	86,281,374	4,240,971

Table 2.2 Consolidated Awards and Disbursements, Loan 3686 and Grants 0592 and 0593

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance	Contract s Awarded %	Contract s Disburse d %
	A	B	C = A-B	D	E = A-D	F = B-D	B/A	D/A
Civil works	59,115,000	-	59,115,000	-	59,115,000	-	0	0
Goods & equipment	1,350,000	116,000	1,234,000	116,000	1,234,000	-	9	9
Consulting services	7,097,000	6,723,443	373,557	1,923,821	5,173,179	4,799,623	95	27
Incre. Adm. Cost	981,000	192,000	789,000	75,838	905,162	116,162	20	8
Interest charge	2,256,000	-	2,256,000	24,814	2,231,186	(24,814)	0	1
Unallocated	9,701,000	-	9,701,000	-	9,701,000	-	0	0
Advance Account			-	650,000	(650,000)	(650,000)		
Total	80,500,000	7,031,443	73,468,557	2,790,472	77,709,528	4,240,971	9	3

Table 2.3 Awards and Disbursements Status, Loan 3686

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	58,615,000	-	58,615,000	-	58,615,000	-
Goods & equipment	1,350,000	116,000	1,234,000	116,000	58,615,000	-
Consulting services	5,597,000	6,223,443	(626,443)	1,423,821	1,234,000	4,799,623
Incre. Adm. Cost	981,000	192,000	789,000	75,838	4,173,179	116,162
Interest charge	2,256,000	-	2,256,000	24,814	905,162	-
Unallocated	9,701,000	-	9,701,000	-	2,231,186	-
Advance Account	-	-	-	450,000	9,701,000	-
Total	78,500,000	6,531,443	71,968,557	2,090,472	76,409,528	4,915,785

Table 2.4 Awards and Disbursements Status, Grant 0592

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	500,000	-	500,000	-	500,000	-
Cons Svcs Proj Mgt	500,000	500,000	-	500,000	-	-
Cons Svcs ITC	500,000	-	500,000	-	500,000	-
Advance Account				100,000	(100,000)	(100,000)
Total	1,500,000	500,000	1,000,000	600,000	900,000	(100,000)

Table 2.5 Awards and Disbursements Status, Grant 0593

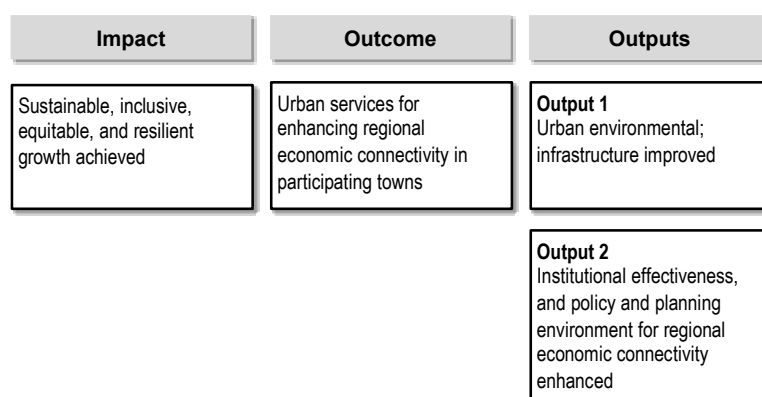
Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Cons Svcs ITC	500,000	-	500,000	-	500,000	-
Advance Account	-	-	-	100,000	(100,000)	(100,000)
Total	500,000	-	500,000	100,000	400,000	(100,000)

3 Project Scope and Purpose

3.1 Project Impact, Outcome and Outputs

- 7 The CTDP4 will improve urban services and enhance regional economic connectivity in provincial capital towns of Kampong Cham, Kratie, and Stung Treng along the Greater Mekong Subregion (GMS) Central Corridor in Cambodia. The project will finance key urban environmental infrastructure and enhance institutional effectiveness with a focus on private sector engagement and information and communication technology (ICT)-based public management systems, and the policy and planning environment for regional economic connectivity. 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.

Figure 3.1 CTDP4 Impact, Outcome and Outputs



- 9 Currently no major changes to the Project scope or arrangements are envisaged and the Project should meet its original purpose.

3.2 Sub-Projects

- 10 The sub-projects are summarised in Table 3.1. This shows the scope as proposed in the RRP, which were based on the PPTA reports, as well as the latest estimates by PMC. The review and verification of the scope of some of the sub-projects is still ongoing at the time of this Quarterly Report.

Table 3.1 Proposed Civil Works Sub-Projects

Town	Sub-Projects	Scope of Sub-Projects	Latest PMC Estimates
Kampong Cham	Wastewater	▪ 5,000 m ³ /day WWTP, 137km sewers, 4.3km drains	▪ 5,000m ³ /day, 120km sewers, 4.2km drains
	Solid waste management	▪ 900,000m ³ landfill *	▪ Third site location approved, design preparations in progress.
Kratie	Wastewater	▪ 4,900 m ³ /day WWTP, 143km sewers, 12km drains	▪ 2,400m ³ /day, 41.1km sewers, drainage /stormwater under review
	Solid waste management	▪ 433,500m ³ landfill	▪ 2030: 150,000m ³
	Town centre improvements	▪ Footways, streetlights etc. – scope to be determined	▪ Under review
Stung Treng	Wastewater	▪ 3,650 m ³ /day WWTP, 147km sewers, 12km drains	▪ 2,900m ³ /day, 75.1km sewers, drainage included.
	Solid waste management	▪ 291,000m ³ landfill	▪ 2030: 70,000m ³
	Town centre improvements	▪ Footways, streetlights etc. – scope to be determined	▪ Under review

* Note: The PPTA figure of 900,000m³ for Kampong Cham landfill is not justified or explained in the PPTA reports.

3.3 Safeguards

3.3.1 Resettlement

- 11 The position regarding resettlement data/ documentation and the next steps are shown in Table 3.2. The overall status of resettlement safeguards is summarised in Table 3.3 on the next page.
- 12 The General Department of Resettlement (GDR) is preparing detailed resettlement plans (DRPs) for (i) Kratie and Stung Treng SWM subprojects (one combined DRP), and (ii) Kampong Cham WWTP subproject. PMC has prepared corridor-of-impact (COI) maps, involuntary resettlement (IR) impact screening reports and field demarcation of the COI for GDR to use as basis for detailed measurement survey (DMS) for all of these subprojects. PMC is also on stand-by to assist in the preparation of the DRP documents if needed by GDR. Preparation for Kratie and Stung Treng WWTP subprojects DRPs is anticipated to begin in the next reporting period also.
- 13 No due diligence reports (DDRs) are expected at this stage, as all subprojects so far are IR category B. IR impact screening form is being finalized for Stung Treng WWTP and Kampong Cham SWM subprojects, and will be prepared for Kratie WWTP subproject once DED is ready. There has been no progress in town centre improvement designs. Details of resettlement and social safeguards implementation progress is given in PMU semi-annual social safeguards construction monitoring reports.

Table 3.2 Resettlement Documentation and Next Steps

Town	Sub-Projects	Pending data / documentation	Next steps in following quarter
Kampong Cham	Wastewater	<ul style="list-style-type: none"> ▪ Draft DRP from GDR 	<ul style="list-style-type: none"> ▪ Agree on temporary market sites (GDR, PIU and market management) ▪ Complete DRP (GDR)
	Solid waste management	<ul style="list-style-type: none"> ▪ Access road COI, map and cross-section for latest SWM site option 	<ul style="list-style-type: none"> ▪ Finalize IR impact screening for the latest SWM site option ▪ Prepare either DDR or DRP (GDR) depending on scope of impact
Kratie	Wastewater & Drainage	<ul style="list-style-type: none"> ▪ DED ▪ WWTP site acquisition ▪ Draft DRP from GDR 	<ul style="list-style-type: none"> ▪ Review design and mitigate impact ▪ Prepare IR impact screening report ▪ Prepare draft DRP (GDR)
	Solid waste management	<ul style="list-style-type: none"> ▪ Draft DRP from GDR 	<ul style="list-style-type: none"> ▪ Complete DRP (GDR) (combined with STR)
	Town centre improvements	<ul style="list-style-type: none"> ▪ Outline design from town planners 	<ul style="list-style-type: none"> ▪ Review design and mitigate impact ▪ Prepare IR impact screening report
Stung Treng	Wastewater	<ul style="list-style-type: none"> ▪ Draft DRP from GDR 	<ul style="list-style-type: none"> ▪ Finalize IR impact screening report ▪ Prepare draft DRP (GDR)
	Solid waste management	<ul style="list-style-type: none"> ▪ Draft DRP from GDR 	<ul style="list-style-type: none"> ▪ Complete DRP (GDR) (combined with KRT)
	Town centre improvements	<ul style="list-style-type: none"> ▪ Outline design from town planners 	<ul style="list-style-type: none"> ▪ Review design and mitigate impact ▪ Prepare IR impact screening report

3.3.2 Environment

- 14 The overall status of environmental safeguards is summarised in Tables 3.4 and 3.5 on the next pages.
- 15 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 IEIAs/EIAs
 - 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 attach to the bidding documents or submit to the potential contractors.

Table 3.3 Status of Resettlement Safeguards

CTDP4	Subproject / IR category	Site selection	Land ownership	Cadastre data	Demarcation	Consultations / PIB	Pre-screening report	Land acquired (ha)	DED submitted to GDR	Consultation	DMS/SES & RCS	DRP / DDR	Comments
Kampong Cham	Landfill / ?	TBC	TBC						new site identified				3rd site now identified (DDR completed on previous ones). IR screening for 3rd on-going
	Wastewater / B	Yes	State	Not available	Yes	Updated PIB submitted Mar.21	Updated version submitted	n/a	Yes, including adjusted COI	Sep 21	Sep-Oct 21	Draft DRP Nov.21	DMS/SES and consultations nearly completed. DRP being prepared by GDR
Kratie	Landfill / B	Yes	State	Yes	Yes	July 2021	Submitted	n/a	Yes, including adjusted COI for access road	Jul-Aug 21	Jul-Aug 21	Draft DRP/IRP Oct.21	Combined DDR for landfill sites/access roads and DRP/IRP with STR landfill being prepared by GDR
	Wastewater / B	Yes	Private	Yes	WWTP site	21.12.2017	Draft	On-going for 10.5 ha (1 AH)	DED on-going, expected in Oct.21	Nov-Dec 21	Nov-Dec 21	Draft DRP Feb.22	WWTP site preliminary impact screening on hold (but required). PS locations and force main to be confirmed. WWTP site acquisition can proceed (one owner)
	Town center / C	TBC	State				Draft	n/a	On-hold.				As per design process, no IR impacts will be entertained in the design. IR impact screening of designs will be required
Stueng Treng	Landfill / B	Yes	State	Yes	Yes	July 2021	Submitted	n/a	Yes, including adjusted COI for access road	Jun-Jul 21	Jun-Aug 21	Draft DRP/IRP Oct.21	Combined DDR for landfill sites/access roads and DRP/IRP with KRT landfill being prepared by GDR
	Wastewater / B	Yes	Private	Yes	Yes	20.12.2017	Final in Oct.21	Through DRP (3-5 AHs)	DED submitted Sep.21	Oct-Nov 21	Oct-Nov 21	Draft DRP Jan.22	IR impact screening and demarcation completed. Site acquisition only to be done via expropriation (part of DRP)
	Town center / C	TBC	State				Draft	n/a	On-hold.				As per design process, no IR impacts will be entertained in the design. IR impact screening of designs will be required

Table 3.4 Status of IEIA Preparation

Documents	Submitted to MoE	Approved By MoE:	Status – if not approved	Comments
IESIA CW06 – Kampong Cham: Wastewater and drainage	Final draft 12 Jan 2021	02 March 2021		
IESIA CW07 – Kratie: Wastewater and drainage	Final draft 19 Feb 2021	06 April 2021		
IESIA CW08 – Stung Treng: Wastewater and drainage	Final draft 25 February 2021	20 May 2021		
IESIA CW03 – Kampong Cham: Solid waste management			MoE did not approve the initially proposed site	In September 2021, PMU/PMC decided on an alternative (third) site
IESIA CW04 – Kratie: Solid waste management	Final draft 11 March 2021	20 May 2021		
IESIA CW05 – Stung Treng: Solid waste management	Final draft 22 June 2021	30 June 2021		

Municipality	Sub-project	Preparing draft ToR and submit to MoE for review	Discussion meeting with MoE and revise the ToR	Approval from MoE for conducting field survey on Physical, Natural and Social Resources	Preparing draft IEIA report	Submit the draft IEIA to MPWT for comments	Revised the first draft IEIA and submit to MoE	MoE conducting field visit	Discussion meeting on the draft	Revised 1st draft base on comments from MoE	Submission 2nd draft for Inter-Ministry meeting	Inter-Ministry meeting on 2nd draft	Prepare final draft based on comments from Inter-Ministry meeting	Minutes preparation for approval report	Document preparation for issuing license
Kampong Cham	Wastewater	June 2020	June 2020	July 2020	June-Aug 2020	11 Aug 2020	14 Aug 2020	01 Sept 2020	15 Sept 2020	Sept 2020	23 Oct 2020	01 Dec 2020	12 Jan 2021	Feb 2021	02-Mar-2021
	Landfill	April 2020	MoE did not approve the site												
Kratie	Wastewater	June 2020	July 2020	July 2020	July-Sept 2020	11 Sept 2020	15 Sept 2020	22 Sept 2020	06 Oct 2020	Oct 2020	13 Nov 2020	12 Jan 2021	19 Feb 2021	29 Mar 2021	06-Apr-2021
	Landfill	April 2020	June 2020	June 2020	July-Aug 2020	14 Aug 2020	21 Aug 2020	02 Sept 2020	21 Sept 2020	Nov-Dec 2020	Feb 2021	23 Feb 2021	Mar 2021		20-May-2021

Municipality	Sub-project	Preparing draft ToR and submit to MoE for review	Discussion meeting with MoE and revise the ToR	Approval from MoE for conducting field survey on Physical, Natural and Social Resources	Preparing draft IEIA report	Submit the draft IEIA to MPWT for comments	Revised the first draft IEIA and submit to MoE	MoE conducting field visit	Discussion meeting on the draft	Revised 1st draft base on comments from MoE	Submission 2nd draft for Inter-Ministry meeting	Inter-Ministry meeting on 2nd draft	Prepare final draft based on comments from Inter-Ministry meeting	Minutes preparation for approval report	Document preparation for issuing license
	Town Centre														
Stung Treng	Wastewater	June 2020	July 2020	July 2020	July-Sept 2020	23 Sept 2020	29 Sept 2020	8-9 Oct 2020	22 Oct 2020	Oct 2020	19 Nov 2020	11 Jan 2021	25 Feb 2021	April 2021	20-May-2021
	Landfill	April 2020	June 2020	June 2020	July-Aug 2020	14 Aug 2020	24 Aug 2020	03 Sept 20	21 Sept 20	is revising	Feb 2021	19 April 21	June 21	22 June 21	30-June-2021
	Town Centre														

Table 3.5 Status of IEEs and EMPs

	Subproject	Site agreed	Land ownership	MOE approval	IEE Update			EMP Update			Notes
					Draft	Submitted to PMU	Submitted to ADB	Draft	Submitted to PMU	Submitted to ADB	
Kampong Cham	Landfill	No	State	No							The initially proposed site was not approved by MoE. PMU/PMC decided on an alternative (third) site in September 2021
	WWTP	Yes	State	Yes	Jul-2020	04-Jun-2021	07-Jun-2021	Jul-2020	04-Jun-2021	07-Jun-2021	IEE/EMP available on https://www.adb.org/projects/50099-002/main#project-documents
Kratie	Landfill	Yes	State	Yes 02-05-19	Mar-2021	13-Jul-2021	13-Jul-2021	Mar-2021	13-Jul-2021	13-Jul-2021	IEE/EMP including ECA of 2 dumpsites cleared by ADB on 14-Jul-2021
	WWTP	Yes	Private	Requested							IEE/EMP: To be prepared in parallel with the detailed design
	Town centre	TBC	State								
Stung Treng	Landfill	Yes	State	Yes 02-05-19	Dec-2020	16-Sep-2021	17-Sep-2021	Dec-2020	16-Sep-2021	17-Sep-2021	Final IEE/EMP and dumpsite ECA cleared by ADB on 17-Sep-2021
	WWTP	Yes	Private	Requested							IEE/EMP: Under preparation
	Town centre	TBC	State								

3.4 Grievance Redress Mechanism

- 16 The GRM is designed to receive, evaluate and facilitate the resolution of residents' concerns, complaints and grievances during project implementation. Grievance Redress Committees (GRC) were established in each of the three towns in 2019, but updated in November 2020 for Kratie and Stung Treng. GCR composition did not have any changes in the reporting period. All of the GRCs are fully operational.
- 17 The GRM process is included in the PIBs, which will be circulated to the target communities and affected persons once outline designs are ready. PIBs include GRC contact person names and contact details. None of the PIBs has been disseminated to date.
- 18 The updated PGRCs have not been given training on GRM mechanism and documentation of grievances (such as complaint forms and logbooks) by GDR in the reporting period due to the changes made right at the end of the reporting period. Training plan has not been prepared yet in the reporting period, but it is expected in the next reporting period.
- 19 The GRM contact details for each subproject will be reported after DRPs have been done for each subproject.

3.5 Gender Action Plan

- 20 The CTDP4 Project is classified as Effective Gender Mainstreaming (EGM) and Gender Action Plan monitoring tables are shown in Annex F. 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.

4 Implementation Progress

4.1 Project Organisation and Management

- 21 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).
- 22 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.
- 23 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.
- 24 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.
- 25 As the available office space available in MPWT is insufficient to accommodate the large consultant team, the PMC have rented an office space on the corner of Street 51 and Street 228.

4.1.1 Contract Variations

- 26 Contract Variation No. 6 was approved during this quarter; VO 7 is under preparation and discussion at the time of preparing this Report. The history and status of contract variations is shown in Table 4.1.

Table 4.1 Contract Variations, Current and Previous Quarters

Period	Variation No.	Key Dates:			Main Items in Variation
		Submitted	Approved by MPWT	No Objection from ADB	
Previous Quarters	1		22 Oct 2019	18 Oct 2019	Replacement International TL and National Deputy TL 1
	2		Feb 2020	March 2020	Change of scope – separate sewers, not combined and traditional procurement not D&B in CTDP4, 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 IEIAs
	4	11 September 2020	11 September 2020		Replacement of National Deputy Team Leader 2
	5	May 2021		29 June 2021	Reallocation to home input due to Covid19 restrictions, Additional time spent by PMC due to site changes, COI and scope changes, replacement of solid waste engineers (Intl. and Nat.) and Resettlement specialist (Nat).
This Quarter 3:	6	June 2021	1 July 2021	30 July 2021	Replacement of International TL

4.2 Progress Monitoring

- 27 A Project Performance Monitoring System (PPMS) is being used to record the progress of the project. Summaries of progress by sub-project are shown in Annex C.
- 28 The current status of all project activities is summarised in Table 4.2

Table 4.2 Status of Sub-projects and other Project Activities.

CIVIL WORKS AND EQUIPMENT

Contract No.	Town	Site Approval	Topo Survey	Geo Survey	Safeguards	Status	Action Required	Action By
CTDP4								
CW06 Wastewater WWTP, sewers, drains	Kampong Cham	▪ MOE site approval not required	▪ Yes	▪ Yes	▪ IEE/EMP cleared ▪ COI being edited ▪ DRP being drafted	▪ Invitation for bid on 22 July 2021 ▪ Revised COI submitted	▪ IRP for lotus pickers ▪ Reviewed demarcation and DMS needed	▪ PMC, GDR
CW07 Wastewater WWTP, sewers, drains	Kratie	▪ MOE site approval not required	▪ Yes	▪ Yes	▪ Screening report in draft	▪ DED design ongoing ▪ Revised Drainage/ Stormwater report submitted ▪ MPS geotechnical survey needed	▪ Main Pumping station locations to be agreed ▪ Drainage detail structure on going ▪ Geotechnical survey and result to be done	▪ PMC PMU GDR PIU
CW08 Wastewater WWTP, sewers, drains	Stung Treng	▪ MOE site approval not required	▪ Yes	▪ Yes	▪ Screening report in draft ▪ IEE/EMP under preparation	▪ Draft DED completed	▪ Draft DED submitted	▪ PMC
CW03 Landfill	Kampong Cham	▪ Not for new site	▪ Note yet for new site	▪ Not yet for new site	▪ New site approved in September 2021	▪ New (third) site identified	▪ PMC starts with site investigations	▪ PMC
CW04 Landfill	Kratie	▪ MOE 2.5.19	▪ Yes	▪ Yes	▪ IEE/EMP cleared ▪ DDR in draft	▪ Invitation for bid on 16 July 2021 ▪ COI for access road submitted	▪ Demarcation needed	▪ PMC
CW05 Landfill	Stung Treng	▪ MOE 2.5.19	▪ Yes	▪ Yes	▪ IEE/EMP cleared ▪ DDR in draft	▪ Final DED submitted ▪ ADB 3 rd Comments received from PMU ▪ COI for access road submitted	▪ Final response to comments submitted ▪ Demarcation needed	▪ PMU PMC
CW01 Town centre improvements	Kratie	▪ MOE approval not needed?	▪ Within area surveyed already	▪ N/A	▪ No significant social or env. impacts expected	▪ Revised proposals received from PIU ▪ Footpath proposals to be reviewed/ revised	▪ To be reviewed and cost estimated	▪ PIU
CW02 Town centre improvements	Stung Treng	▪ MOE approval not needed?	▪ Within area surveyed already	▪ N/A	▪ No significant social or env. impacts expected	▪ Revised proposals received from PIU – 2 urban parks agreed, riverbank park and bank protection beyond scope	▪ Additional schemes needed	▪ PIU

Contract No.	Town	Site Approval	Topo Survey	Geo Survey	Safeguards	Status	Action Required	Action By
G02 SWM equipment	Kampong Cham, Kratie Stung Treng		▪	▪	▪	▪ Equipment report submitted to PMU	▪ PMU	▪ PMU

PROVINCIAL PLANS AND LAND USE MASTER PLANS

Output/Activity	Location/Coverage	Status	Next Steps	Action By
CTDP4				
Provincial spatial plan	Kampong Cham	<ul style="list-style-type: none"> ▪ Situation Report submitted ▪ Workshop on November 30, 2020 ▪ Vision Seminar held on December 25, 2020 	<ul style="list-style-type: none"> ▪ Draft PSP 	<ul style="list-style-type: none"> ▪ PMC
Provincial spatial plan	Kratie	<ul style="list-style-type: none"> ▪ Workshop held in January 18, 2021 ▪ Situation Report submitted ▪ Vision Seminar held on July 15, 2021 	<ul style="list-style-type: none"> ▪ Second workshop ▪ Draft PSP 	<ul style="list-style-type: none"> ▪ PMC
Provincial spatial plan	Stung Treng	<ul style="list-style-type: none"> ▪ Workshop held in January 20, 2021 ▪ Situation Report submitted ▪ Vision Seminar held on July 15, 2021 	<ul style="list-style-type: none"> ▪ Second workshop ▪ Draft PSP 	<ul style="list-style-type: none"> ▪ PMC
LUMP Review	Kampong Cham	<ul style="list-style-type: none"> ▪ Review submitted 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
LUMP Review	Kratie	<ul style="list-style-type: none"> ▪ Review submitted 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪

OTHER ACTIVITIES

Item	Status	Action Required	Action By
IEC	<ul style="list-style-type: none"> ▪ The Final TOR was submitted to 4 NGO's for bid invitation 26 Sept 2021. 	<ul style="list-style-type: none"> ▪ Shortlist and recruit NGO 	<ul style="list-style-type: none"> ▪ PMC
Capacity Building	<ul style="list-style-type: none"> ▪ Training needs assessment done ▪ First training planned in Q4 – depending on restrictions due to Covid-19 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪ PMU

4.3 Implementation Activities

4.3.1 Consultant Team

29 The PMC team members mobilised during this quarter are shown in Table 4.3.

Table 4.3 International and National Consultants Active during the Quarter

Position	Name
International	
Team Leader	René van Doorn
Deputy Team Leader	Lars Orio
Wastewater / Civil Engineer	Michael Odgaard Nielsen
Social Safeguards and Resettlement Specialist	Teemu Jantunen
Urban Development Specialist	Howard Trett
Urban and Regional Planner	Hisako Kobayashi
Urban and Regional Economist	Manabu Fujikawa
Urban Planner	Tomoki Fukunaga
Solid Waste Expert	Steven Long
Social and Gender Expert	Alexander Timmermann
Senior Design Engineer	Dhanesh Prasad
Environmental Safeguards Expert	Peter Gammelgaard Jensen
National	
National Deputy Team Leader	Ho Ratha
National Deputy Team Leader	Ly Nara
Environmental Safeguard Specialist	Yim Chamnan
Sanitation Engineer	Va Vandith
Sanitation Engineer	Sarit Chung
Social Safeguards & Resettlement Specialist CTD4	Chan Narith
Solid Waste Engineer	Yin Somean
Urban Planner	Sim Bovisal
Land Use Management Specialist	David Chandavin
CAD Operator	Lon Saoveasna
CAD Operator	Phe Samnang

(Not including engineering design teams REC and Archineer)

4.3.2 General Activities

30 Activities during this quarter have included meetings with stakeholders, topographical and geotechnical surveys, initial and Detailed Design works and Preparing Bidding documents.

4.3.3 Activities by Output

31 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>Kampong Cham – Wastewater:</i>
	<ul style="list-style-type: none"> Final Bidding Documents submitted. Invitations for Bid published 22 July 2021
	<i>Kampong Cham – Solid Waste Management:</i>
	<ul style="list-style-type: none"> New third site location approved by PMU. Start of soil site investigations in October.
	<i>Kratie – Wastewater:</i>
	<ul style="list-style-type: none"> Draft DED design preparation. Revised Stormwater and Drainage report submitted to PMU September 2021
	<i>Kratie – Solid Waste Management:</i>
	<ul style="list-style-type: none"> Final Bidding Documents submitted. Invitations for Bid published 16 July 2021
	<i>Kratie – Town Centre Improvements:</i>
	<ul style="list-style-type: none"> Potential projects will be reviewed.
Output 2: Institutional effectiveness, and policy and planning environment Urban Environmental Infrastructure Improved	<i>Stung Treng – Wastewater and Drainage</i>
	<ul style="list-style-type: none"> Final DED will be submitted mid-October 2021
	<i>Stung Treng – Solid Waste Management:</i>
	<ul style="list-style-type: none"> Final DED submitted. Invitations for Bid published 22 September 2021
	<i>Stung Treng – Town Centre Improvements:</i>
	<ul style="list-style-type: none"> Potential projects will be reviewed.
	<i>Kampong Cham, Kratie, Stung Treng</i>
	<ul style="list-style-type: none"> Formulation of development strategies and action plans presented in Vision Seminar held on July 15, 2021 in Kratie and Stung Treng province; Draft Provincial Spatial Plans (PSP) under preparation for Kampong Cham, Kratie and Stung Treng provinces.

4.3.4 Meetings

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

4.4 Project Costs

33 Estimates of sub-project costs are shown in Table 4.5. The estimates have been updated where the DED engineers have preliminary, draft estimates or based on the BOQs.

Table 4.5 Current Estimates of Sub-project Costs

Contract No.	Sub-Project	Estimate US\$m	Source of Estimate	Procurement Plan (14 Aug 2020)	Difference
CW01	Kratie town enhancements	0.75	Procurement Plan	0.75	0.0
CW02	Stung Treng town enhancements	0.75	Procurement Plan	0.75	0.0
CW03	Kampong Cham landfill	6.25	estimate based on average, will be detailed next report. DED Designs in progress,	6.18	0.07
CW04	Kratie landfill	6.28	DED engineer's estimate based on BOQ	5.57	0.71
CW05	Stung Treng landfill	6.24	DED engineer's estimate based on BOQ	5.92	0.32
CW06	Kampong Cham wastewater	30.59	DED engineer's estimate based on BOQ	17.26	13.33

CW07	Kratie wastewater (Reduced Phase 1)	23.50	DED engineer's preliminary estimate, Draft DED in progress	14.14	9.36
CW08	Stung Treng wastewater (Reduced Phase 1)	21.37	DED engineer's Final Estimate	14.45	6.92
G02	Kampong Cham, Kratie, Stung Treng Landfill equipment	1.35	Procurement Plan	1.35	0.0
Total for civil works and equipment		\$97.08		\$66.37	+\$30.71

- 34 As can be seen in Table 4.5 above, the current total estimate for civil works and equipment is around **\$30.71m above** the amount in the latest procurement plan.
- 35 In Stung Treng and Kratie town, the cost estimates are based for wastewater subprojects for Reduced Phase 1 areas compared to the PPTA Phase 1 areas. This was decided by PMU to lower the investment costs. In Kampong Cham the estimate includes the proposed primary storm drainage component, but in Kratie and Stung Treng no drainage is (yet) included in the cost estimates.
- 36 Kampong Cham wastewater cost estimate is based on the submitted final DED. This is the largest town in CTDP4.
- 37 Kampong Cham landfill: a new location(3rd) has been allocated. Soil investigations and topographical surveys will be executed mid-October 2021. A first site assessment has been executed related to Environmental and Social Resettlement issues. So far, no major concerns were noticed.
- 38 Stung Treng sewerage layout is designed with a reduced area Phase 1 that covers the main central parts of the urban area. This reduction initiated the cost estimate down to around \$21m.
- 39 Kratie sewerage layout will be designed with a reduced area Phase 1 that covers the main central parts of the urban area. It is expected this reduction will bring the cost estimate down to around \$23.5m.

4.5 Procurement

4.5.1 Procurement Plan

- 40 The Procurement Plan for CTDP4 is shown in Annex G.

4.5.2 Procurement of Civil Works and Equipment

- 41 Invitations for Bid were published for Kratie Landfill (16 July 2021) and Kampong Cham Wastewater (22 July 2021). No contract has been signed in this period. 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)	DED Cost estimate (USD)	Contract Signed (USD)	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
CW03	Kampong Cham Solid Waste Management	6.18			ICB	Works	Prior								
CW04	Kratie Solid Waste Management	5.57	6,282,937.00		ICB	Works	Prior	11-Jul-21	14-Jul-21	16-Jul-21		01-Sep-21	16-Sep-21		
CW05	Stung Treng Solid Waste Management	5.92	6,235,313.00		ICB	Works	Prior	31-May-21	02-Jun-21	22-Sep-21					
CW06	Kampong Cham Wastewater and Drainage	17.26	30,587,838.00		ICB	Works	Prior	02-Jun-21	20-Jul-21	22-Jul-21		09-Sep-21			
CW07	Kratie Wastewater and Drainage	14.14			ICB	Works	Prior								
CW08	Stung Treng Wastewater and Drainage	14.45			ICB	Works	Prior								
G02	SW Collection Vehicles and Landfill Equipment	1.35			NCB	Equipment	Prior								
CW01	Town Center Environmental Enhancement for Kratie	0.75			NCB	Works	Prior								
CW02	Town Center Environmental Enhancement for Stung Treng	0.75			NCB	Works	Post								
CS02	ICT for Public Management	1.00			QCBS	Cons	Prior								

4.6 Provincial Planning and Municipality Planning

4.6.1 General Activities

- 42 Activities during the quarter include the formulation of development strategies and action plan for Provincial Spatial Plans (PSPs), the visioning seminar, and meetings with relevant departments and organizations.

4.6.2 Activities by Output

- 43 The key planning activities undertaken during this quarter are summarised in Table 4.7 below.

Table 4.7 Key Implementation Activities by Output

Outputs	Summary of Activities Undertaken
Output 1: Formulation of Provincial Spatial Plan	<i>Kampong Cham:</i>
	<ul style="list-style-type: none"> ▪ Supplemental data and information have been collected to propose strategies and action plan ▪ The socio-economic framework was prepared. ▪ The formulation of development strategies and action plan is in progress. ▪ The spatial structure of the province in 2040 is under preparation.
	<i>Kratie:</i>
	<ul style="list-style-type: none"> ▪ Data and information related to population, economy, infrastructure, physical characteristics, land use, protected areas, disaster prone areas, on-going projects, etc. have been continuously collected and analyzed. ▪ The formulation of development strategies and action plan is in progress. ▪ The spatial structure of the province in 2040 is under preparation. ▪ Vision Seminar was held on July 15, 2021 ▪ Meetings with provincial departments and relevant organizations were conducted to obtain data and information of related projects, and discuss the development directions of the sectors.
	<i>Stung Treng:</i>
	<ul style="list-style-type: none"> ▪ Data and information related to population, economy, infrastructure, physical characteristics, land use, protected areas, disaster prone areas, on-going projects, etc. have been continuously collected and analyzed. ▪ The formulation of development strategies and action plan is in progress. ▪ The spatial structure of the province in 2040 is under preparation. ▪ Vision Seminar was held on July 15, 2021 ▪ Meetings with provincial departments and relevant organizations were conducted to obtain data and information of related projects, and discuss the development directions of the sectors.

5 Compliance with Covenants

- 44 The status of covenant compliance is shown in the tables in Annex H.

6 Project Implementation Issues

6.1 Issues Affecting Project Implementation Progress

6.1.1 Covid 19

- 45 The Covid-19 pandemic has had and still have a significant impact on project operations. There have now been three periods when meetings and site visits were curtailed, in the early months of the pandemic, in November-December 2020, again in Feb-March 2021 and August 2021. Restrictions for next quarter are uncertain.

46 **Recommended Actions:** The Covid situation is being constantly monitored in Cambodia and overseas. Discussions will continue to be held with PMU in order to agree a safe and pragmatic approach to project progress.

6.1.2 Kampong Cham Wastewater

47 The final DED includes a 'hybrid' WWTP in which the initial processes are in land-based ponds and the later processes in wetlands. Although the design has reduced the amount of fill required, the scheme will still involve some filling in the wetland and will require time to settle.

48 Kampong Cham invitation for Bid was published 22 July 2021. PMC provided Clarifications for questions from Contractors in August 2021. At the end of September PMU started the evaluation of the Bids.

49 **Recommended Actions:** Contracting of the contractor is expected in Quarter 4 - 2021.

6.1.3 Kratie Wastewater

50 The designated location of the WWTP site is on a flood plain of the Mekong River. The site needs 6.00m to 8.00m soil levelling. Following discussions on a number of design options, the scheme includes a smaller WWTP design in order to minimise the amount of fill required. A smaller WWTP design - even with a reduced area - needs around 300,000m³ of soil fill, which is still a considerable amount and supplementary costs.

51 It is estimated that soil filling of the WWTP site will take about three years to deliver (during wet season it is not possible to fill as the site is under water) and to settle before actual construction of the WWTP can commence. Therefore, it will not be possible that the works contract can be completed within the time frame of the current implementation contract that ends in June 2024.

52 The WWTP site is in private ownership. PMU and GDR are both acquainted with this issue.

53 Some parts of the access road to the WWTP are on private land and this was agreed with PMU. However, the last part of the access road (about 300 m) to the WWTP is on existing (unpaved) public road to the WWTP, though this section is very low and need to be raised - just like the WWTP site - with 6.00 – 8.00 meter to allow access to/from the WWTP. It is understood that at the moment the road boundary is only 15m, meaning that the constructed slopes of the raised road will not be maintained within the 15 m public road boundary. PMU and GDR are notified that land has to be purchased on each side for the slopes.

54 PMC recommended a different route for the pumping main pipe from the town to the new WWTP site. This is an alternative routing for the section of the pumping main from MPS to the WWTP (a section at the end of the pumping-main, however not all the way to the WWTP).

55 The main pipeline route is on private land, although once the pipe is in place the land can still be used by the owner. However, the owner is not allowed to excavate or build over the pipeline route. PMC suggested to install a 1 m gravel foot/bike path over the pipeline route.

56 The locations of two of the pumping stations SPS-2 and MPS are both on private land and was agreed with PMU.

57 PMC has prepared and submitted a Revised Drainage and Stormwater Assessment Report in September. This will be discussed with PMU and PIU in next Q 4 – 2021.

58 The preliminary cost estimate for the sewerage scheme is around \$23.5m, not including drainage/ stormwater works.

59 **Recommended Actions:** PMU should anticipate a long period of contract time overstay for this sub-project due to land filling of 6.00 – 8.00m height of the whole WWTP area.

60 For the soil filling of the WWTP site, an advanced work contract could be considered.

6.1.4 Stung Treng Wastewater

61 PMC submitted and presented a drainage assessment in June 2021. It was decided not to include drainage works in the sewerage scheme. Further it was decided to implement a reduced Phase 1 area covering the centre of town for the wastewater sewerage works to reduce the costs.

62 For the reduced Phase 1 area PMC estimate the cost for the sewerage scheme at around \$21m. (excluded drainage works).

63 The land for the WWTP is in multiple (four) ownership. GDR confirmed to PMU that there are four affected households at the WWTP site. Land acquisition is under negotiations. Public consultation for the affected households has taken place.

64 All pumpstations are on public owned land or land owned by local authorities and have therefore not been an issue for GDR:

- SPS-1: Poleu Komar Kindergarten
- SPS-2: Head Sub-coordination Military Operation Stung Treng Zone
- MPS: Hun Sen Bar Chong Primary School

65 The Final Bidding Documents will be submitted mid-October 2021.

66 **Recommended Actions:** The negotiations and acquisition of land for the WWTP locations should be finalised soon to avoid any delay for implementation of this sub-project.

6.1.5 Kampong Cham Landfill

67 Two sites have been proposed and both were rejected following the provincial government's decision that a landfill was not desired on these locations.

68 In September 2021 a new (third) location was presented by the Provincial Government to PMU and PMC about 25Km west of the Kampong Cham urban area. PMC made a rapid assessment in September and decided that this location could be feasible to construct a landfill.

69 After agreement from PMU was received, PMC will start in October with soil investigations, groundwater level monitoring and geotechnical surveys.

70 PMC plans to prepare the draft detailed designs by mid-December 2021 if no unexpected conditions emerge.

71 **Recommended Actions:** Preparation for detailed designs including environmental and resettlement aspects investigated.

6.1.6 Kratie Landfill

72 Kratie landfill invitation for Bid was published 16 July 2021. The Bid proposals of potential Contractors were received on 1st September 2021 and are now under evaluation.

73 It is expected the contractor's Contract will be signed in Q4 – 2021 and commencement of the Works can start after signing.

6.1.7 Stung Treng Landfill

74 The final DED for Stung Treng landfill was submitted in August 2021. The Invitation for Bid was published in September 2021. At the moment PMC is preparing clarification of contractor's questions.

75 Based on the DED and BOQ the cost estimate is \$6.24m.

6.1.8 Kratie Town Centre Enhancements

76 The PIU have submitted a request for the provision of footways in several streets in Kratie. However, the works would involve significant disruption to properties adjacent to the streets. For this reason, the proposals are not suitable for this contract package as it is intended for enhancements that would not involve land and property impacts and compensation.

77 **Recommended Actions:** It is proposed to revisit the options for this contract once the wastewater DED has been completed and agreed. This is in order to identify possible overlaps and avoid works and disruptions occurring twice in the same locations.

6.1.9 Stung Treng Town Centre Enhancements

78 The PIU submitted schemes for consideration in three locations. Two of them are adjacent to the Sekong bridge and involve small urban parks. These are acceptable. The third however is along the Mekong and would involve bank stabilisation and strengthening. This is outside the scope of the proposed contract.

79 **Recommended Actions:** It is proposed to revisit the options for this contract once the wastewater DED has been completed and agreed. This is in order to identify possible overlaps and avoid works and disruptions occurring twice in the same locations.

6.2 Other Issues

6.2.1 IESIAs

80 PMU directly recruited and contracted Cambodian consultants to undertake the preparation of the required IESIAs. PMC is only coordinating the activities of the IESIA consultant.

81 During Q3 2021, the PMU commissioned an IESIA for the new landfill site in Kampong Cham. PMC will continue to coordinate with the IESIA consultant to ensure consistency between the assessments and the technical design.

7 Work Plan

82 The summary schedule is shown in Annex D.

83 The major activities planned for the next quarter are shown in Table 7.1 below.

Table 7.1 Key Activities Planned for Next Quarter

Civil Works and Equipment	Activities
Kampong Cham Wastewater	<ul style="list-style-type: none"> ▪ Contracting Contractor for works
Kratie Wastewater	<ul style="list-style-type: none"> ▪ Completion and submission of draft DED ▪ Final DED following receipt of comments ▪ COI preparation and submission ▪ Drainage / Stormwater Report discussion
Stung Treng Wastewater	<ul style="list-style-type: none"> ▪ Submission of final DED ▪ COI preparation and submission
Kampong Cham Landfill	<ul style="list-style-type: none"> ▪ Start of soil investigations, groundwater monitoring and geotechnical surveys at (third) new landfill location
Kratie Landfill	<ul style="list-style-type: none"> ▪ Contracting Contractor for works and start of Site supervision
Stung Treng Landfill	<ul style="list-style-type: none"> ▪ Submit clarifications to Contractors, contracting Contractor for the works.
Kratie Town Enhancements	<ul style="list-style-type: none"> ▪ Review and agreement on sub-project components once wastewater DED finalised
Stung Treng Town Enhancements	<ul style="list-style-type: none"> ▪ Review and agreement on sub-project components once wastewater DED finalised
Kampong Cham, Kratie, Stung Treng SWM Equipment	<ul style="list-style-type: none"> ▪ Assessment and discussions on equipment required ▪ Agreement with PIUs and PMU and preparation of equipment specs for bidding (2022)
Institutional Effectiveness	
Semiautonomous Urban Service Units	<ul style="list-style-type: none"> ▪ Policy review ▪ Institutional assessment ▪ Financial assessment ▪ Development of organisational schemes
Urban Development Strategies and Master Plans	<ul style="list-style-type: none"> ▪ Completion and submission of draft PSP for Kampong Cham ▪ Completion and submission of draft PSP for Kratie ▪ Completion and submission of draft PSP for Stung Treng
Training Government Staff	<ul style="list-style-type: none"> ▪ Delivery of initial phase of training programme

Annex A: Design and Monitoring Framework

CTDP4 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 for enhancing regional economic connectivity in participating towns improved	By 2026 a. 31% of the town population in Kampong Cham, Kratie, and Stung Treng (41,400 residents) serviced by new wastewater collection and treatment facilities (2017 baseline: 0 resident) b. 90% of the town population in Kampong Cham, Kratie, and Stung Treng (120,400 residents) residents served by improved solid waste management (2017 baseline: 48,000 residents) c. Incidence of flood and/or waterlogging reduced by 80% in the project service area (2017 baseline: six flood events per year in Kampong Cham, Kratie, and Stung Treng)	a–c. Annual reports by DPWTs and MPWT; project completion report	Lack of financial sustainability caused by limited cost recovery and/or low willingness of households to connect to sewerage network or pay for services. Poor O&M of project infrastructure given limited local capacity.
Outputs 1. Urban environmental infrastructure improved	By 2024 1a. Three new lagoon-based wastewater treatment plants with 13,750 m ³ /day capacity constructed (2017 baseline: 0) 1b. At least 420 km combined trunk and wastewater collection pipeline constructed (2017 baseline: 0) 1c. At least 9,000 households and commercial buildings connected to the wastewater treatment system (including 1,500 households headed by women) (2017 baseline: 0) 1d. Three controlled landfills with capacity of 1,624,500 m ³ constructed and operational (2017 baseline: 0) 1e. At least 16,000 m ² of pedestrian walk rehabilitated (2017 baseline: not available) 1f. 30% of staff employed in O&M are women (baseline 2017: 0)	1a–1f. Project progress reports	Construction delays caused by late approval and implementation of land acquisition and/or resettlement.
2. Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced	2a. Two ICT-based public management systems for improved work productivity and transparency in three provincial governments deployed (2017 baseline: not available)	2a–2c. Project progress reports	

	<p>2b. Provincial five-year development plans with regional cooperation and development strategy approved in Kampong Cham, Kratie, and Stung Treng (2017 baseline: not available)</p> <p>2c. At least 120 government staff (at least 50% women) in the provincial governments increased ICT skills to operate the ICT-based public services (2017 baseline: 0)</p>		
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Key Activities with Milestones

1. Urban environmental infrastructure improved

- 1.1. Complete the bidding documents for solid waste management component by Q1 2019
- 1.2. Complete the bidding document for solid waste management goods component by Q1 2020
- 1.3. Complete the bidding documents for wastewater treatment component by Q3 2019
- 1.4. Complete the bidding document for the town center enhancement component by Q3 2019
- 1.5. Complete the engagement of solid waste management contractor(s) by Q4 2020
- 1.6. Complete the engagement of wastewater treatment contractor(s) by Q1 2020
- 1.7. Complete the engagement of the town center enhancement contractor(s) by Q1 2020
- 1.8. Complete the land acquisition and resettlement activities in Kratie by Q1 2020
- 1.9. Complete the land acquisition and resettlement activities in Stung Treng by Q1 2020
- 1.10. Complete construction by Q4 2023
- 2. Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced
 - 2.1. Complete procurement of the ICT consulting service by Q3 2019
 - 2.2. Ensure the completion of the ICT consulting service by Q4 2023

Project Management Activities

Complete the procurement of the project management consulting service by Q1 2019
 Ensure the completion of the project management consulting service by Q2 2024
 Complete environmental management plan key activities, resettlement plan key activities, gender action plan key activities, and communication strategy key activities by Q2 2024

Inputs

Asian Development Bank: \$78.5 million (concessional loan)
 Asian Development Fund Disaster Risk Reduction Fund: \$1.5 million (grant) Republic of Korea e-Asia and Knowledge Partnership Fund: \$0.5 million (grant) Government: \$8.0 million

Assumption for Partner Financing

Not applicable

DPWT = Department of Public Works and Transport, ICT = information and communication technology, km = kilometer, m² = square meter, m³ = cubic meter, m³/day = cubic meter per day, MPWT = Ministry of Public Works and Transport, O&M = operation and maintenance, Q = quarter.

^a Government of Cambodia, Ministry of Planning. 2014. National Strategic Development Plan, 2014–2018. Phnom Penh.

Source: Asian Development Bank

Annex B: List of Key Meetings Held During this Quarter

Date	
12-13 July 2021	<p>Sanitation Engineers to verify Corridor of Impact (COI) for some special locations as follows:</p> <ul style="list-style-type: none"> • Market area • Sewage Pump Station (SPS-1 and SPS-2) • Excess soil from WWTP that may need to be filled university area • Drainage line <p>The national specialists to have an Environmental Impact Assessment at the landfill and WWTP site at Kampong Cham.</p>
20 July 2021	<p>National DTL and Sanitation Engineer to visit the site in order to verify the property line of Kampong Cham WWTP where the developer filled soil on WWTP property line and the Right of Way (ROW) with drainage line</p>
21-25 July 2021	<p>National Social Safeguards and Resettlement Specialist to join GDR and PMU's CTDP4 Project Manager to complete the following tasks at Kampong Cham:</p> <ul style="list-style-type: none"> • Site checking to identify all the impact (AHs) locations before conducting DMS • Meeting and training DMS with DMS team at DPWT-KCH • Providing one-to-one consultation to DMS team during the conduction of DMS • Identifying and confirming the WWTP site with GDR, PIU, PRSC, City Hall, and especially cadastral officer
04-07 August 2021	<p>National DTL, Solid Waste Engineer, National Social Safeguards and Resettlement Specialist, National Environmental Specialist to have a meeting with PIU of Stung Treng and Kratie and checking old dumpsites</p>
20 August 2021	<p>PMC to have a presentation and discussion through video call with PMU and PIU of Kampong Cham on Initial Feasibility Assessment and Relocation of Kampong Cham Landfill</p>
24 August 2021	<p>Sanitation Engineer and CAD Operator to conduct existing box culvert surveying and box drain realignment at Kampong Cham</p>
26 August 2021	<p>National DTL and Solid Waste Engineer to have a site visit at new proposed landfill site with PMU's CTDP4 Project Manager and PIU team at Kampong Cham</p>
8-9 September 2021	<p>National Social Safeguards and Resettlement Specialist to have a meeting with PIU, site checking on the proposed new location of new landfill Kampong Cham and IR screening</p>
9-15 September 2021	<p>National Social Safeguards and Resettlement Specialist to have a meeting with PIU and Land Management Officer, Site checking and IR screening the access road to new landfill, Site observation with the demarcation teamwork (WWTP) at Stung Treng</p>
9 September 2021	<p>Solid Waste Engineer and National Environmental Specialist to visit Kampong Cham new proposed landfill with PMU and GDR team</p>
9 September 2021	<p>Sanitation Engineer and CAD Operator to have site inspection for Kampong Cham Storm Water Drainage</p>
13 September 2021	<p>PMC to have a presentation and discussion through video call with PMU and PIU of Kratie on Kratie Drainage Assessment for Kratie Wastewater and Drainage Sub-project</p>
13-17 September 2021	<p>International Transport Planner to confirm the updated condition of the candidate road projects proposed in the Provincial Spatial Plan and Land Use Master Plan in Kampong Cham, Kratie, and Stung Treng</p>
20-23 September 2021	<p>National DTL, Solid Waste Engineer, National Social Safeguards and Resettlement Specialist, National Environmental Specialist, and Sanitation Engineer to have joint site visits at Kratie and Stung Treng in order to conduct the following activities:</p> <ol style="list-style-type: none"> 1- Meeting with PIU and site checking (Kratie province) 2- Meeting with PIU, city hall, and local authorities about wastewater system and access road to new landfill (Stung Treng) 3- Site impact assessment (Site Checking for narrow down impact) (Stung Treng)

Annex C: Project Progress by Output

Activities	Weighting	Plan/Progress (%)	
		Plan cumulative %	Progress to date %
Overall		Plan cumulative %	69.05%
		Progress to date %	43.27%
Output 1: Urban environmental infrastructure improved	85%	Plan cumulative %	69.92%
		Progress to date %	43.73%
Wastewater Treatment Plants, Sewerage and Drainage		Plan cumulative %	73.40%
		Progress to date %	53.51%
i. Kampong Cham WWTP, Sewerage and Drainage		Plan cumulative %	76.00%
		Progress to date %	65.35%
ii. Kratie WWTP, Sewerage and Drainage		Plan cumulative %	72.10%
		Progress to date %	44.77%
iii. Stung Treng WWTP, Sewerage and Drainage		Plan cumulative %	72.10%
		Progress to date %	50.40%
Wastewater Treatment Plants	20%	Plan cumulative %	73.40%
		Progress to date %	55.77%
i. Kampong Cham WWTP	33%	Plan cumulative %	76.00%
		Progress to date %	65.70%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	98.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	98.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
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 %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	20.00%
Construction and Installation	20%	Cumulative %	0.00%

ii. Kratie WWTP	33%	Plan cumulative % Progress to date %	72.10% 51.05%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	65.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	75.00%
Preparation and Approval of IEIA	10%	Cumulative %	99.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	75.00%
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 %	87.00%
Preparation of BOQ and specs	10%	Cumulative %	50.00%
Preparation of Bidding Documents	2%	Cumulative %	5.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%
iii. Stung Treng WWTP	33%	Plan cumulative % Progress to date %	72.10% 50.55%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	60.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	65.00%
Preparation and Approval of IEIA	10%	Cumulative %	99.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	30.00%
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 %	95.00%
Preparation of BOQ and specs	10%	Cumulative %	50.00%
Preparation of Bidding Documents	2%	Cumulative %	50.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

Sewers, Drainage & Households and Commercial buildings Connections	30%	Plan cumulative % Progress to date %	73.40% 51.25%
i. Kampong Cham Sewerage & Drainage	33%	Plan cumulative % Progress to date %	76.00% 65.00%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	98.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	98.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	10.00%
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 %	60.00%
Construction and Installation	20%	Cumulative %	0.00%
ii. Kratie Sewerage & Drainage	33%	Plan cumulative % Progress to date %	72.10% 38.49%
Site Selection, Surveys and Approval	10%	Cumulative %	92.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	65.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	30.00%
Preparation and Approval of IEIA	10%	Cumulative %	99.00%
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 %	80.00%
Preparation of BOQ and specs	10%	Cumulative %	5.00%
Preparation of Bidding Documents	2%	Cumulative %	2.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

iii. Stung Treng Sewerage & Drainage	33%	Plan cumulative % Progress to date %	72.10% 50.25%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	55.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	70.00%
Preparation and Approval of IEIA	10%	Cumulative %	98.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	0.00%
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 %	98.00%
Preparation of BOQ and specs	10%	Cumulative %	50.00%
Preparation of Bidding Documents	2%	Cumulative %	50.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%
Landfills	20%	Plan cumulative % Progress to date %	79.86% 48.47%
i. Kampong Cham Landfill	33%	Plan cumulative % Progress to date %	81.50% 21.25%
Site Selection, Surveys and Approval	10%	Cumulative %	90.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	10.00%
Preparation and Approval of IEIA	10%	Cumulative %	90.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	6%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	15.00%
Preparation of BOQ and specs	10%	Cumulative %	0.00%
Preparation of Bidding Documents	2%	Cumulative %	0.00%
Bidding process/Award of contract	6%	Cumulative %	0.00%
Construction and Installation	25%	Cumulative %	0.00%

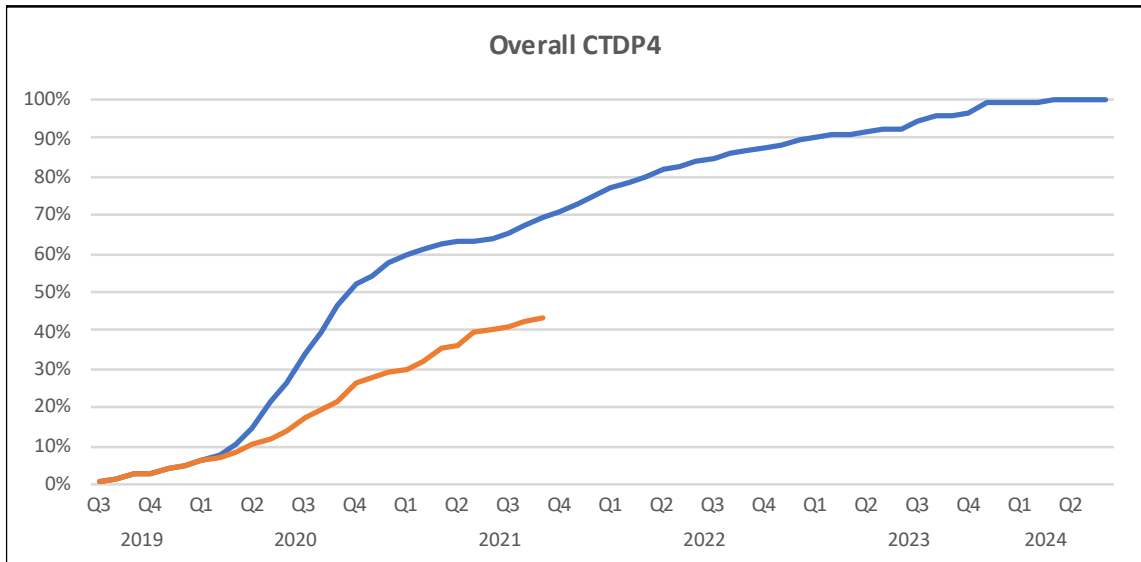
ii. Kratie Landfill	33%	Plan cumulative % Progress to date %	77.60% 64.75%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	95.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	95.00%
Preparation and Approval of IEIA	10%	Cumulative %	99.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	6%	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	6%	Cumulative %	60.00%
Construction and Installation	20%	Cumulative %	0.00%
iii. Stung Treng Landfill	33%	Plan cumulative % Progress to date %	80.48% 59.40%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	60.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	95.00%
Preparation and Approval of IEIA	10%	Cumulative %	99.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	6%	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	6%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

Town Centre Enhancements	10%	Plan cumulative % Progress to date %	67.60% 9.50%
i. Kratie Town Centre Enhancements	50%	Plan cumulative % Progress to date %	64.90% 11.00%
Site Selection, Surveys and Approval	10%	Cumulative %	80.00%
Preparation of Detailed Design	20%	Cumulative %	15.00%
Preparation and approval of Due Dilligence Report	10%	Cumulative %	0.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Bidding Documents	5%	Cumulative %	0.00%
Bidding process/Award of contract	10%	Cumulative %	0.00%
Construction and Installation	35%	Cumulative %	0.00%
ii. Stung Treng Town Centre Enhancements	50%	Plan cumulative % Progress to date %	70.30% 8.00%
Site Selection, Surveys and Approval	10%	Cumulative %	50.00%
Preparation of Detailed Design	20%	Cumulative %	15.00%
Preparation and approval of Due Dilligence Report	10%	Cumulative %	0.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Biding Documents	5%	Cumulative %	0.00%
Bidding process/Award of contract	10%	Cumulative %	0.00%
Construction and Installation	35%	Cumulative %	0.00%

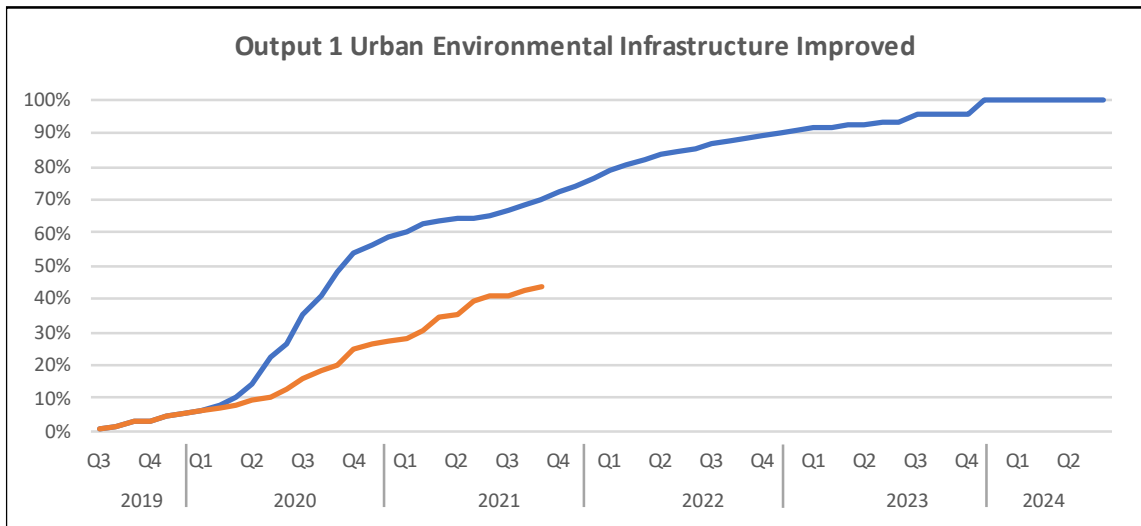
Staff employed in O&M are women	5%	Plan cumulative % Progress to date %	0.00% 0.00%
i. Kampong Cham O & M Staff	33%	Plan cumulative % Progress to date %	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
ii. Kratie O & M Staff	33%	Plan cumulative % Progress to date %	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
iii. 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%
Output 2: Institutional effectiveness, and policy and planning environment for regional economic connectivity enhancement	15%	Plan cumulative % Progress to date %	64.14% 40.69%
i. ICT for Provincial Government	33%	Plan cumulative % Progress to date %	35.00% 0.00%
Kampong Cham	33%	Cumulative %	0.00%
Kratie	33%	Cumulative %	0.00%
Stung Treng	33%	Cumulative %	0.00%
ii. Preparation of Provincial Spatial Plans	33%	Plan cumulative % Progress to date %	100.00% 97.33%
Kampong Cham	33%	Cumulative %	98.00%
Kratie	33%	Cumulative %	97.00%
Stung Treng	33%	Cumulative %	97.00%
iii. Training	33%	Plan cumulative % Progress to date %	58.00% 25.00%
Training Needs Assessment	25%	Cumulative %	100.00%
Training Delivery	75%	Cumulative %	0.00%

Output Progress Compared with Planned Progress*

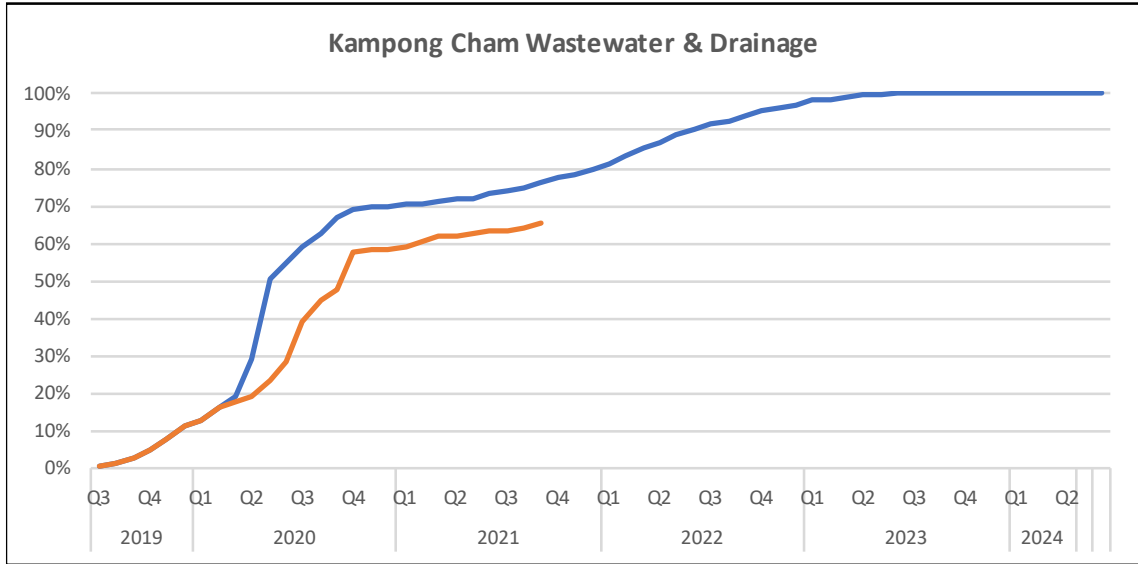
*Based on work plans prepared in April 2020



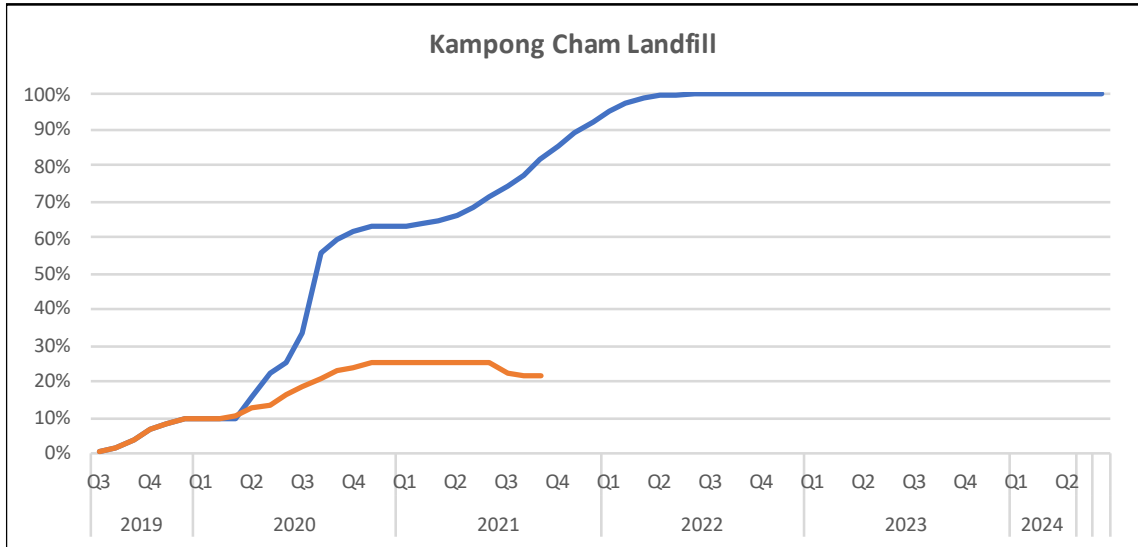
Plan 69.05% **Actual 43.27%**



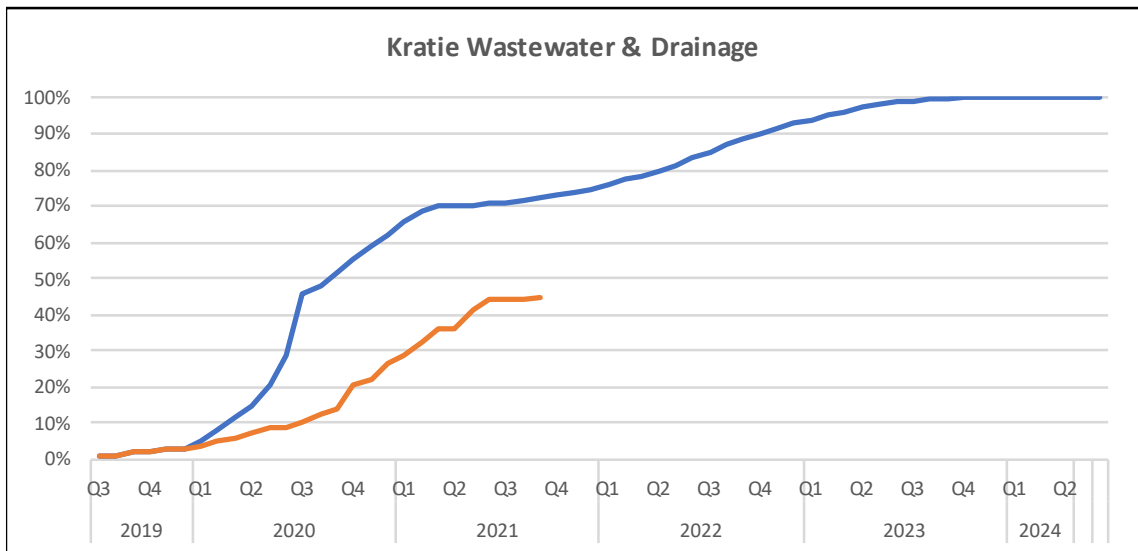
Plan 69.92% **Actual 43.73%**



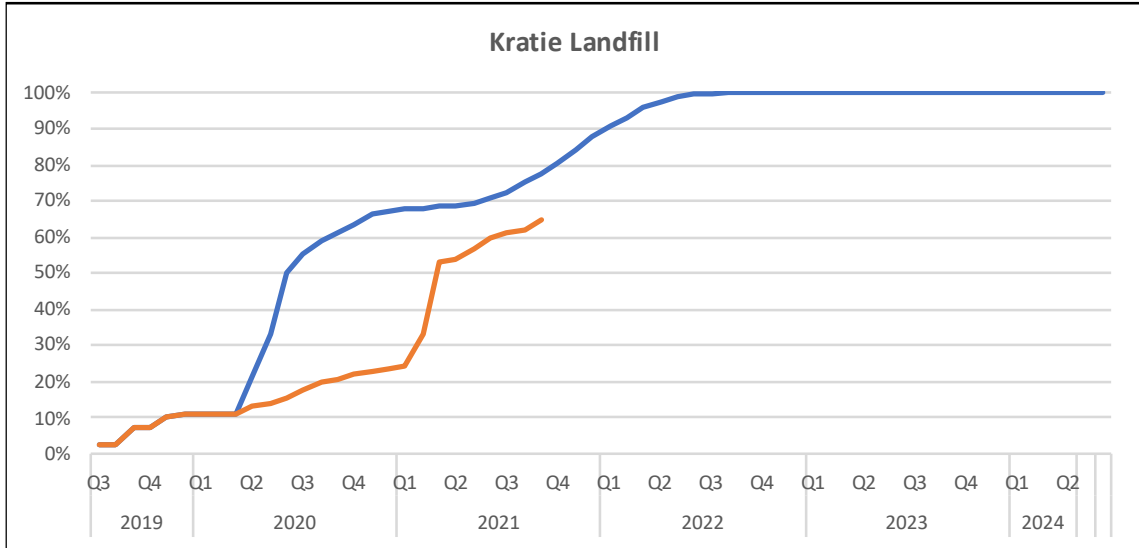
Plan 76.00% **Actual 65.35%**



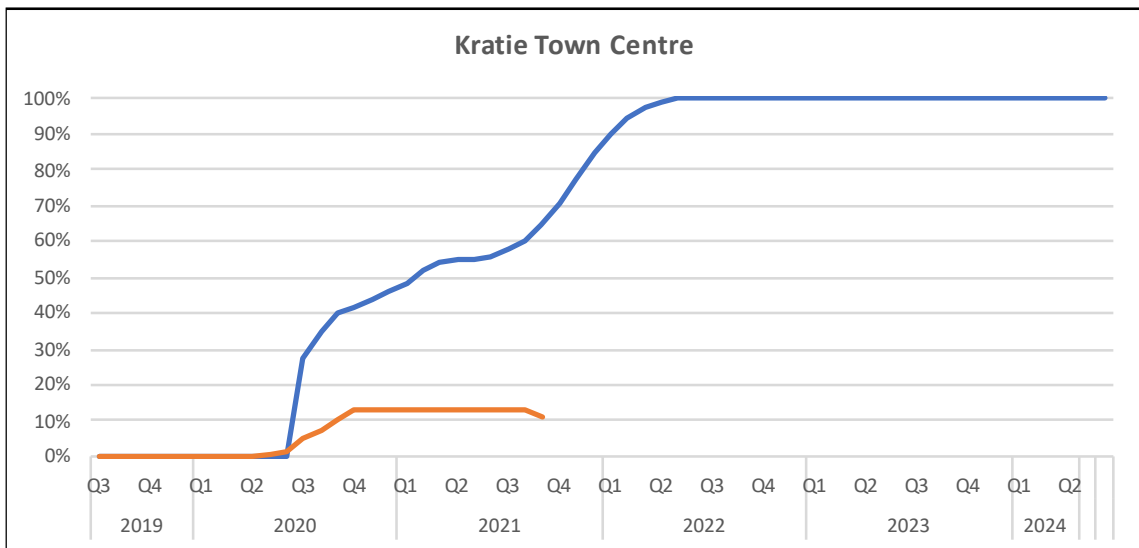
Plan 81.50% **Actual 21.25%**



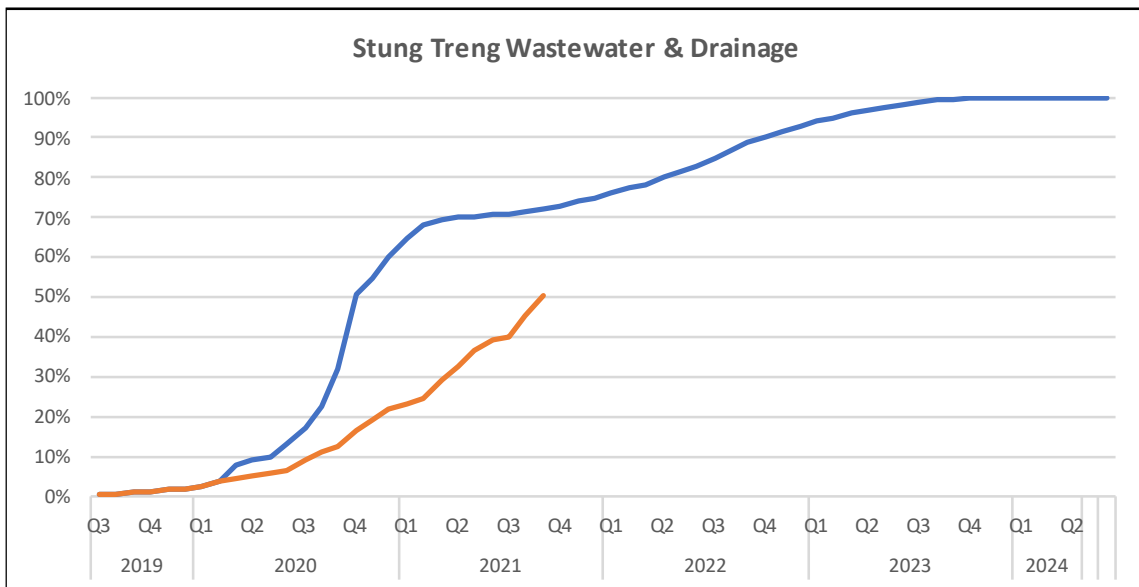
Plan 72.10% **Actual 44.77%**



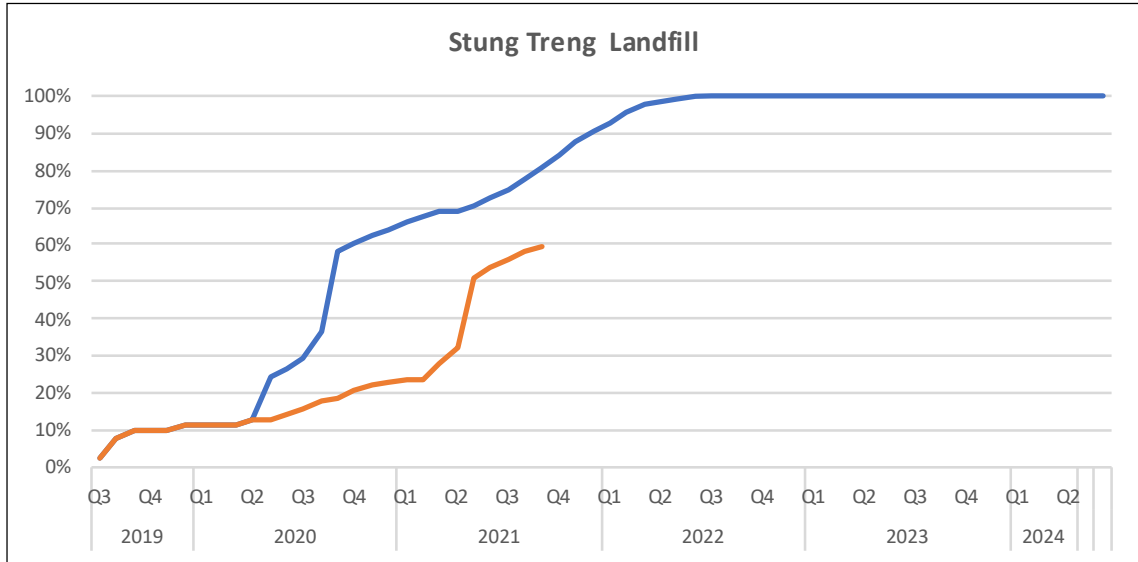
Plan 77.60% **Actual 64.75%**



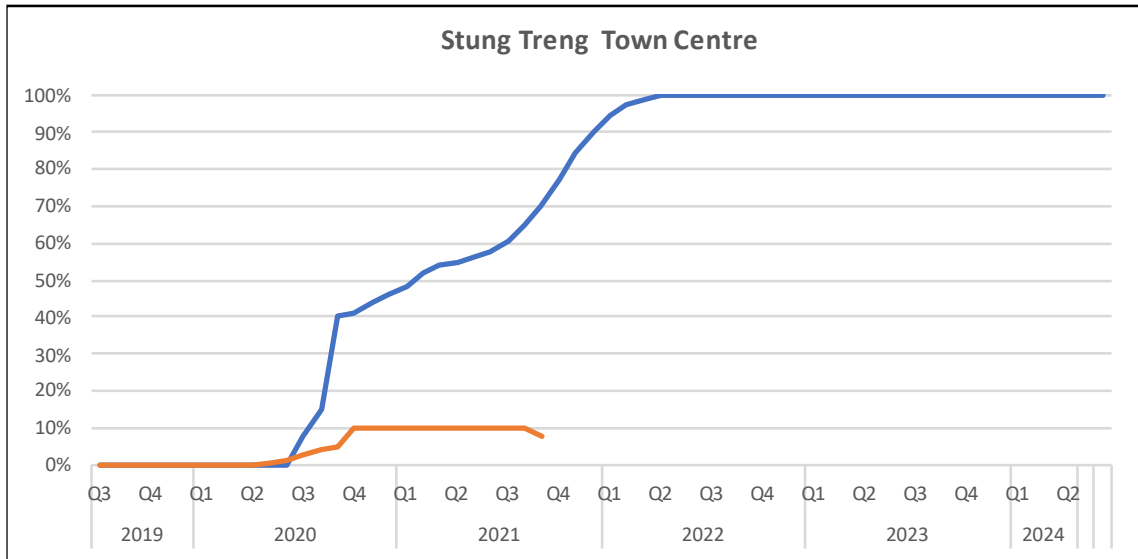
Plan 64.90% **Actual 11.00%**



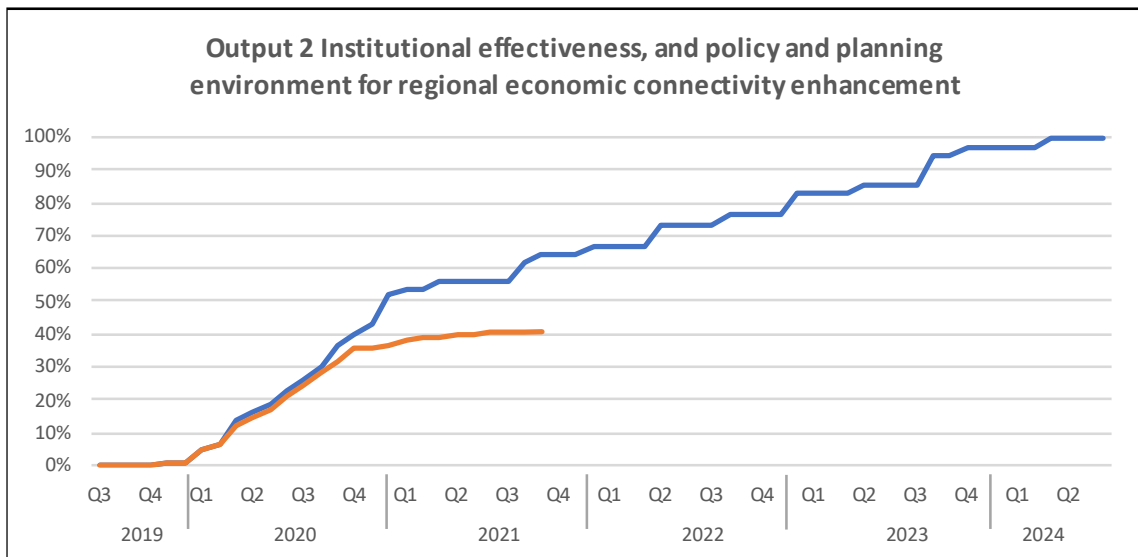
Plan 72.10% **Actual 50.40%**



Plan 80.48% **Actual 59.40%**



Plan 70.30% **Actual 8.00%**



Plan 64.14% **Actual 40.69%**

Annex E: Consultant Inputs (Time-based only)

CTDP-4 Timesheet input								
Quarterly 3 (Jul - Sep 2021)								
Position Code	Name	Position	Contract Amount	Contract Amount after Variation Order No.6	Cumulative to Q2 Jun'21	Q3 Period Jul-Sep'21	Total	Balance
International Expert								
Int.KE-1	Mr. René van Doorn	Team Leader	27.00	19.20	9.54	1.21	10.75	8.45
Int.KE-2	Mr. Lars Orio	International Deputy Team Leader	16.29	16.29	3.41		3.41	12.88
Int.KE-5	Mr. Peter Peter Gammelgaard Jensen	Environmental Safeguard Specialist	8.00	8.00	2.87	1.27	4.14	3.86
Int.KE-6	Mr. Teemu Jantunen	Social Safeguard and Resettlement Specialist	6.00	6.00	3.66	0.54	4.20	1.80
Int. NKE-7	Ms. Alice Thauvin	Finance and Institutional Specialist	3.00	3.00	0.09		0.09	2.91
Int. NKE-8	Mr. Richard Pope	Capacity Development and Training Specialist	3.00	3.00	0.54		0.54	2.46
National Expert								
Nat.KE-1.2	Mr. Ly Nara	Deputy Team Leader (CTDP4)	55.00	55.00	20.83	3.00	23.83	31.17
Nat. KE-5.2	Mr. Yim Chamnan	Environment Safeguards Specialist-2	12.00	12.00	4.03	0.95	4.98	7.02
Nat.KE-6.2	Mr. Chan Narith	Social Safeguard and Resettlement Specialist	12.00	12.00	8.03	1.38	9.41	2.59
Nat. KE-7	Mr. Chheav Nak	Institutional Development Specialist	4.00	4.00	0.62		0.62	3.38

Annex F: Gender Action Plan Monitoring

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (as of September 2021)	Issues, Challenges & Comments
Output 1: Urban environmental infrastructure improved		
Output 1.1: Urban environmental infrastructure in Kampong Cham improved		
<p>Target 1: Wastewater collection connections provided free-of charge to 4,676 HHs in Phase 1 service area of which 991 are FHH, 122 ID Poor 1 and 34 ID Poor 2 HHs.</p> <p>Responsibility: DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Approximately 4,000 HH are included in the design (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>The WW services will be extended to the service area included in catchment 1, 2, & 3, which by the design team has an estimated 4,000 HH and thus about 14% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers 030502 Kampong Cham, 030504 Veal Vong, about 22% of the settled area of Boeng Kok, and 3% of the settled area of 030503 Sombuor Meas Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP. Targets in the standalone GAP, July 2018 are higher than those in the PAM for some variables (4,676 HHs in Phase 1 service area of which 1,153 are FHHs, 154 HHs are ID Poor 1, and 34 HHs are ID Poor 2).</p>
<p>Target 2: Expanded and improved solid waste collection services will cover 2,416 FHHs.</p> <p>Responsibility: Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Targets are included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>Indicator is not relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment.</p> <p>According to the Commune Database 2018, 0305 Krong Kampong Cham had 2,311 FHH, i.e. less than the target.</p>
<p>Target 3: 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p> <p>Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	<p>Not yet due: Q4 2023</p>	<p>The employing organisations to be assigned responsibility for the target.</p> <p>PMC to obtain and review baseline in operating companies.</p> <p>Include 30% of women in the training invitation for O&M staff to ensure target can be met.</p>
<p>Action 1: Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p>Responsibility: DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>Indicator is not relevant in respect of the PMC TOR, which only includes services related to wastewater collection and landfill construction and provision of equipment.</p>

Output 1.2: Urban environmental infrastructure in Kratie improved		
<p>Target 4: Wastewater collection connections provided free-of charge to 2,688 HHs in Phase 1 service area of which 238 are FHH, 111 ID Poor 1 and 246 ID Poor 2 HHs.</p> <p>Responsibility: DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Approximately 1,700-1,800 HH are included in the design (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>The WW services will be extended to the service area included in catchment 1, 2, & 3, which by the design team has an estimated 1,700-1,800 HH and thus about 33% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers an estimated 95% of the settled areas of 10029 Kracheh and 100211 Roka Kandal Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP and match those of the standalone GAP, July 2018.</p>
<p>Target 5: Expanded and improved solid waste collection services will cover 825 FHHs.</p> <p>Responsibility: Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Targets are included in the draft TOR for the NGO to be subcontracted for IEC.</p>	<p>Indicator is not relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment.</p> <p>According to the Commune Database 2018, 1002 Krong Kracheh had 888 FHH, so nearly all FHH should be covered by the services to meet the target.</p>
<p>Target 6: 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p> <p>Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	<p>Not yet due: Q4 2023</p>	<p>Refer above.</p>
<p>Action 2: Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p>Responsibility: DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>Refer above.</p>
Output 1.3: Urban environmental infrastructure in Stung Treng improved		
<p>Target 7: Wastewater collection connections provided free-of charge to 2,253 HHs in Phase 1 service area of which 163 are FHH, 122 ID Poor 1 and 6 ID Poor 2 HHs.</p> <p>Responsibility: DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Preliminary estimate of 2,000 HH in the service area by the design team (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>The WW services will be extended to the proposed Phase 1 service area, which by the design team has an estimated 2,000 HH and thus about 11% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers parts of the 190402 Srah Ruessei, 190403 Preah Bat, and 190401 Stung Treng Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP. Targets differ in the standalone GAP, July 2018 for some variables (2,253 HHs in Phase 1 service area, of which 277 are FHHs, 14 are ID Poor 1, 44 are ID Poor 2).</p>

<p>Target 8: Expanded and improved solid waste collection services will cover 446 FHHs.</p> <p>Responsibility: Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Targets are included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>Indicator is not relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment.</p> <p>According to the Commune Database 2018, 1904 Krong Stueng Traeng had 718 FHH of which 499 are in the more urbanised area south of the Sekong and 219 in the largely rural Sameakki Commune.</p>
<p>Target 9: 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p> <p>Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	<p>Not yet due: Q4 2023</p>	<p>Refer above.</p>
<p>Action 3: Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p>Responsibility: DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the draft TOR for the NGO to be subcontracted for IEC.</p>	<p>Refer above.</p>
<p>Output 2: Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced</p>		
<p>Action 4: Provincial Development Strategies approved include social inclusion and gender equity components.</p> <p>Responsibility: MLMUPLC/PMC</p>	<p>Not yet due: Q4 2023</p> <p>Land Use Master Plan reviews for Kratie and Kampong Cham cover social inclusion and gender equity components.</p> <p>PSPs under development for Kampong Cham, Kratie, Stung Treng (and Banteay Meanchey TS-2).</p>	<p>Scope has changed to Provincial Spatial Plan (PSP). Therefore, action is proposed changed to: "Provincial Spatial Plan approved include social inclusion and gender equity components." Scope of the PSPs follows the Provincial Spatial Planning Handbook, MLMUPLC. Change of action may be considered at MTR.</p>
<p>Target 10: In development of Provincial Development Strategy and implementation of ICT initiatives 30% and 50%, respectively, of participants from government agencies will be female staff.</p> <p>Responsibility: DPWTs/PIUs</p>	<p>Not yet due: Q2 2022</p> <p>Gender of committee members and secretariat members involved in the PSPs are as follows:</p> <p>Kampong Cham</p> <ul style="list-style-type: none"> • Committee: 3 F of 22, 14% • Secretariat: 0 F of 13, 0% 	<p>Scope has changed to Provincial Spatial Plan. Therefore, target is proposed changed to: "In development of Provincial Spatial Plan and implementation of ICT initiatives 30% and 50%, respectively, of participants from government agencies will be female staff." Change of target may be considered at MTR.</p> <p>The Provincial Department of Land Management, Urban Planning, Construction, and Cadastre (PDLMUPCC) appoints the participants of the committee and secretariat from government agencies based on position, which make it difficult to achieve specific gender ratio.</p>

	<p>Kratie</p> <ul style="list-style-type: none"> • Committee: 1 F of 34, 3% • Secretariat: 0 F of 28, 0% <p>Stung Treng:</p> <ul style="list-style-type: none"> • Committee: 4 F of 35, 11% • Secretariat: 4 F of 22, 18% <p>Banteay Meanchey (TS-2)</p> <ul style="list-style-type: none"> • Committee: 3 F of 40, 8% • Secretariat: 3 F of 36, 8% 	<p>Female participation will be monitored but achieving the target is beyond the control of the PMC.</p>
<p>Target 11: In workshops related to Provincial Development Strategy and ICT initiatives 50% of participants will be women</p> <p>Responsibility: DPWTs/PIUs, PMC and ICTM Consultant</p>	<p>Overdue: Q4 2019</p> <p>Kampong Cham on 30-Nov 2020:</p> <p>Total participants: 3 F of 55, 5%</p> <p>Kratie & Stung Treng 15-Jul 2021:</p> <p>Total participants: 7F, 29M, 12 not reported of 48 participants.</p> <p>Banteay Meanchey, Serei Saophoan (TS-2) on 26-Nov 2020:</p> <p>Total participants: 6 F of 66, 9%</p> <p>Banteay Meanchey, Serei Saophoan (TS-2) on 9-Sep-2021:</p> <p>Total participants: 2 F of 27, 7%</p>	<p>Scope has changed to Provincial Spatial Plan. Therefore, target is proposed changed to: "In workshops related to Provincial Spatial Plan and ICT initiatives 50% of participants will be women." Change of target may be considered at MTR. The scope change led to some delays of workshops.</p> <p>The Provincial Department of Land Management, Urban Planning, Construction, and Cadastre (PDLMUPCC) determines the participants of stakeholder meetings based on their positions as government officials. The PDLMUPCC has been explained the targets of the GAP and suggested to increase female participants by inviting NGOs and CSOs, including women's groups and private sector. The PDLMUPCC has stated that they will try to increase the number of female participants.</p> <p>ICT initiatives have not commenced yet and are not under PMC scope.</p> <p>Female participation will be monitored but achieving the target is beyond the control of the PMC.</p>
<p>Action 5: Existing staff responsible for financial management and administration (majority women) to be trained in ICTM</p> <p>Responsibility: DPWTs/PIUs, ICTM Consultant</p>	<p>Not yet due: Q4 2022</p>	<p>ICT initiatives have not commenced yet and are not under PMC scope. ICTM Consultant to conduct training in ICTM.</p>

<p>Target 12: At least 120 government staff (at least 50% women) in the provincial governments trained in ICT skills to operate the ICTM services (2017 baseline: 0)</p> <p>Responsibility: MPWT/PMU, ICTM Consultant</p>	<p>Not yet due: Q4 2023</p>	<p>ICT initiatives have not commenced yet and are not under PMC scope.</p> <p>ICTM Consultant to review baseline data and conduct training.</p>
<p>Target 13: At least 60 government staff (at least 25% women) in the implementing agencies gained new technical, operational and maintenance knowledge and skills on wastewater treatment facility, drainage systems and controlled landfill (2017 baseline: 0)</p> <p>Responsibility: MPWT/PMU</p>	<p>Not yet due: Q4 2023</p>	<p>Pre- and post-training questionnaires will be distributed in coordination with the Capacity Development and Training Specialist.</p> <p>At least 25% women participating in training or workshop related to those skills will be included in the workshop/training invitation letter.</p> <p>Target to be discussed at GAP orientation.</p>
<p>Target 14: Women's representation in PMU/PIU decision making and technical positions 20% (PMU and PIU Steung Treng) and 25% (PIUs Kampong Cham and Kratie). (Baseline (2011-2015) for PMU: MPWT 17%; PDPWT cumulative 14.85% women in managerial positions, PIU: PDPWT percentage of managerial positions occupied by women: Kampong Cham: 25% Kratie 22%; Stung Treng 18%)</p> <p>Responsibility: Steering Committee responsible for ensuring % of women in Committee PMU and PIU</p>	<p>Staff lists and gender lists have been collected by the PMC from the PMU and PIUs. Women representation are as follows:</p> <p>PMU: 0 of 10 (0% versus a target of 20%)</p> <p>PIU Steung Treng: 0 of 9 (0% versus a target of 20%)</p> <p>PIU Kampong Cham: 1 of 9 (11% versus a target of 25%)</p> <p>PIU Kratie: 0 of 9 (0% versus a target of 20%)</p>	<p>PMU and PIUs are already established. PIUs are composed of members from PDPWT, municipalities, and provincial local administration staff. Gender ratio of members reflects those of the organizations these are appointed from.</p> <p>Targets to be discussed at GAP orientation.</p>
<p>Action 6: Orientation on GAP implementation, monitoring, and reporting provided to PMU/PIU staff, and local implementation partners.</p> <p>Responsibility: MPWT/PMU, DPWTs/PIUs</p>	<p>Overdue: Q1 2019</p>	<p>National Gender Consultant has mobilised with the PMC, while Gender Focal Point in the PMU (EA) is yet to mobilise.</p>
<p>Action 7: GAP integrated in overall work plan, budget and PPMS.</p> <p>Responsibility: MPWT/PMU, DPWTs/PIUs, PMC</p>	<p>GAP has been integrated in overall workplan, budget and PPMS</p>	

Action 8: Collection and monitoring of sex-disaggregated data with gender sensitive indicators incorporated in the PPMS and reflected in quarterly reports and GAP monitoring reports using ADBs template.

Responsibility: MPWT/PMU/PMC

GAP Monitoring Template received and annexed the quarterly reports.

Annex G: Procurement Plan

CTDP4 PROCUREMENT PLAN

Basic Data

Project Name: Fourth Greater Mekong Subregion Corridor Towns Development Project	
Project Number: 50099-002	Approval Number: 3686/0593/0592
Country: Cambodia	Executing Agency: Ministry of Public Works and Transport
Project Procurement Risk: Medium	Implementing Agency: N/A
Project Financing Amount: US\$ 88,500,000 ADB Financing: US\$ 80,000,000 Cofinancing (ADB Administered): US\$ 500,000 Non-ADB Financing: US\$ 8,000,000	Project Closing Date: 30 June 2024
Date of First Procurement Plan: 1 August 2018	Date of this Procurement Plan: 14 August 2020 Version 3
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	
National Competitive Bidding for Goods	Between US\$ 100,000 and US\$ 999,999	The first NCB is subject to prior review, thereafter post review.
Shopping for Goods	Up to US\$ 99,999	
International Competitive Bidding for Works	US\$ 3,000,000 and Above	
National Competitive Bidding for Works	Between US\$ 100,000 and US\$ 2,999,999	The first NCB is subject to prior review, thereafter post review.
Shopping for Works	Up to US\$ 99,999	

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	80:20 and 90:10; FTP
Quality-Based Selection for Consulting Firm	
Individual Consultant Selection for Individual Consultant	

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
CW03	Kampong Cham Solid Waste Management Subproject	6,180,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW04	Kratie Solid Waste Management Subproject	5,570,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW05	Stung Treng Solid Waste Management Subproject	5,920,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW06	Kampong Cham Wastewater and Drainage Subproject	17,260,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
CW07	Kratie Wastewater and Drainage Subproject	14,140,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works

CW08	Stung Treng Wastewater and Drainage Subproject	14,450,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
G02	Solid Waste Collection Vehicles and Landfill Equipment	1,350,000.00	ICB	Prior	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods

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
CS02	ICT for Public Management	1,000,000.00	QCBS	Prior	Q4 / 2020	FTP	Assignment: International Quality-Cost Ratio: 80:20

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
CW01	Kratie Town Centre Environmental Enhancement	750,000.00	1	NCB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

CW02	Stung Treng Town Centre Environmental Enhancement	750,000.00	1	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
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Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
ICS02	Financial Management Specialist	80,000.00	1	ICS	Prior	Q4 / 2020		Assignment : National Expertise: Financial management
ICS03	Procurement Specialist	80,000.00	1	ICS	Prior	Q4 / 2020		Assignment : National Expertise: Procurement

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 (5 units)	190,000.00	160,000.00	NCB	Q1 / 2020	22-JUN-20	

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
PMCS-CS01	Project Management, Detailed Engineering Design, Construction Supervision, Provincial Development Strategy and Capacity Building	6,100,000.00	5,834,010.83	QCBS	Q2 / 2018	20-JUN-19	The contract is both under CAM; TS and CAM: GMS4
ICS01	Project Implementation Specialist	250,000.00	280,000.00	ICS	Q3 / 2019	25-MAR-20	Mr. Greesh Kumar Sharma

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 H: Compliance with Loan and Grant Covenants

No.	Covenant	Reference	Status of Compliance
	CTDP4 Loan 3686		
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 this 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 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.	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
	CTDP4 Grant 0592		
6	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 ADB Loan Agreement.	Section 4.01	Ongoing
7	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
8	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
9	The Recipient 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 Recipient, unless the Recipient shall otherwise agree.	Section 4.02 (c)	Ongoing

No.	Covenant	Reference	Status of Compliance
10	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
CTDP4 Grant 0593			
11	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 ADB Loan Agreement.	Section 4.01	Ongoing
12	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
13	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
14	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
15	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
16	The Recipient acknowledges and agrees that this Grant Agreement is entered into by ADB, not in its individual capacity, but as trustee of the Republic of Korea e-Asia and Knowledge Partnership Fund. Accordingly, the Recipient agrees that (a) it may only withdraw Grant proceeds to the extent that ADB has received proceeds for the Grant from the Republic of Korea e-Asia and Knowledge Partnership Fund and such proceeds has not been suspended or cancelled in whole or in part by the Republic of Korea e-Asia and Knowledge Partnership Fund pursuant to the Cofinancing Agreement, and (b) that ADB does not assume any obligations or responsibilities of the Republic of Korea e-Asia and Knowledge Partnership Fund in respect of the Project or the Grant other than those set out in this Grant Agreement.	Section 4.04	Ongoing

Annex I: Financial Management Action Plan

Risk description	Impact	likelihood	Overall Risk Assessment	Mitigation measures/ Responsibility	Timeline	Responsibility	Actions Taken/ Status	Next Steps
Inherent Risk								
The Standard Operating Procedure for externally financed projects in Cambodia (May 2012) stipulates that assets must be subject to careful asset management, but in practice there is no regular monitoring/ inventory. There is a risk of loss of asset due to poor maintenance.	High	Unlikely	Substantial	<ul style="list-style-type: none"> - Update Fixed Asset Book every year during and after project implementation. - Project will develop ICT-based public asset management and deploy them in three provinces with capacity development training. - Train government staff in fixed asset management including linkage to asset preventive maintenance activities. 	<ul style="list-style-type: none"> - Throughout the project duration - Q4 2022 and Q4 2023 (related to the DMF milestone 2.4) - Q4 2022 and Q4 2023 (related to the DMF milestone 2.4) 	<p>MPWT/PMU</p> <p>MPWT/PMU</p>	<p>The government staff were trained on the updated FMM (2019) including asset management in various groups by MEF in later 2019 and early 2020.</p> <p>The government staff were trained on the updated FMM (2019) including asset management in various groups by MEF in later 2019 and early 2020.</p>	The record and asset management is stated in the Financial Management (FMM) issued by MEF, RGC in Dec 2019
Control Risk								
Internal audit–Lack of internal audit system in the provincial governments/DPWTs	Low	Likely	Moderate	<ul style="list-style-type: none"> - No transaction and fund flow of ADB loan and grant proceeds to the DPWTs/PIUs 	<ul style="list-style-type: none"> - Throughout the project 	MPWT/PMU	This is to confirm that no fund of ADB has transferred to DPWT/IPUS	

Information systems—Improper record keeping or mistakes because of the excel-based financial management system in the provincial governments/DPWTs	Low	Likely	Moderate	<ul style="list-style-type: none"> - PMU and PIUs will undertake regular backups of all financial, accounting and project related data and appropriate security measures over backed-up data shall be in place. - MEF and MPWT/PMU ensure to engage the qualified audit company under the project 	<ul style="list-style-type: none"> - Throughout the project -Q2 2020 (related to the DMF Project Management Activities) 	MPWT/PMU/PIUs MEF and MPWT/PMU	<ul style="list-style-type: none"> - PMU undertakes regular backups of all financial, accounting and project related data and appropriate security measures over backed-up data in external HD which is kept in the safe. - Complied with; engaged a qualified audit company under the project 	
Total Control Risk			Moderate					

