



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 4, 2019
October to December



Contents

1	Introduction and Basic Data	1
1.1	Introduction	1
1.2	Basic Data	1
1.3	Cost Estimates and Financing Plan	1
1.3.1	CTDP4 Cost Estimates and Financing Plan	1
2	Utilisation of Funds	2
2.1	Cumulative Contract Awards	2
2.2	Disbursement Status	3
3	Project Scope and Purpose	4
3.1	Project Impact, Outcome and Outputs	4
3.2	Sub-Projects	5
3.3	Safeguards	5
3.4	Gender Action Plan	5
4	Implementation Progress	8
4.1	Project Organisation and Management	8
4.1.1	Contract Variations	8
4.2	Progress Monitoring	8
4.3	Implementation Activities	8
4.3.1	Consultant Team	8
4.3.2	General Activities	9
4.3.3	Activities by Output	9
4.3.4	Meetings	10
4.4	Project Costs	10
4.5	Procurement	10
4.5.1	Procurement Plan	10
4.5.2	Procurement of Civil Works and Equipment	10
4.6	Provincial Planning and Municipality Planning	12
5	Compliance with Covenants	12
6	Project Implementation Issues	12
7	Work Plan	12

Annexes

Annex A	Design and Monitoring Framework
Annex B	List of Key Meetings during the Quarter
Annex C	Project Progress Monitoring (PPMS)
Annex D	Work Plan
Annex E	Gender Action Plan
Annex F	Procurement Plans
Annex G	Grant Covenant Compliance

List of Tables

Table 1.1 Basic Data – CTDP4	1
Table 1.2 CTDP4 Summary Cost Estimates by Output (\$ million)	2
Table 1.3 CTDP4 Financing Plan	2
Table 2.1 CTDP4 Cumulative Contract Awards	2
Table 2.2 Status of Disbursements – CTDP4	3
Table 3.1 Proposed Civil Works Sub-Projects	5
Table 3.2 Status of Environmental Safeguards	6
Table 3.3 Status of Resettlement Safeguards	7
Table 4.1 Contract Variations, Current and Previous Quarters	8
Table 4.2 International and National Consultants Active During the Quarter	9
Table 4.3 Key Implementation Activities by Output During the Reporting Period	9
Table 4.4 Current Estimates of Sub-project Costs	10
Table 4.5 Status of Civil Works and Equipment Contracts	11

List of Figures

Figure 1.1 Location of Project Towns	1
Figure 2.1 CTDP4 Cumulative Contract Awards	3
Figure 2.2 CTDP4 Cumulative Disbursements	4
Figure 3.1 CTDP4 Impact, Outcome and Outputs	4

Abbreviations

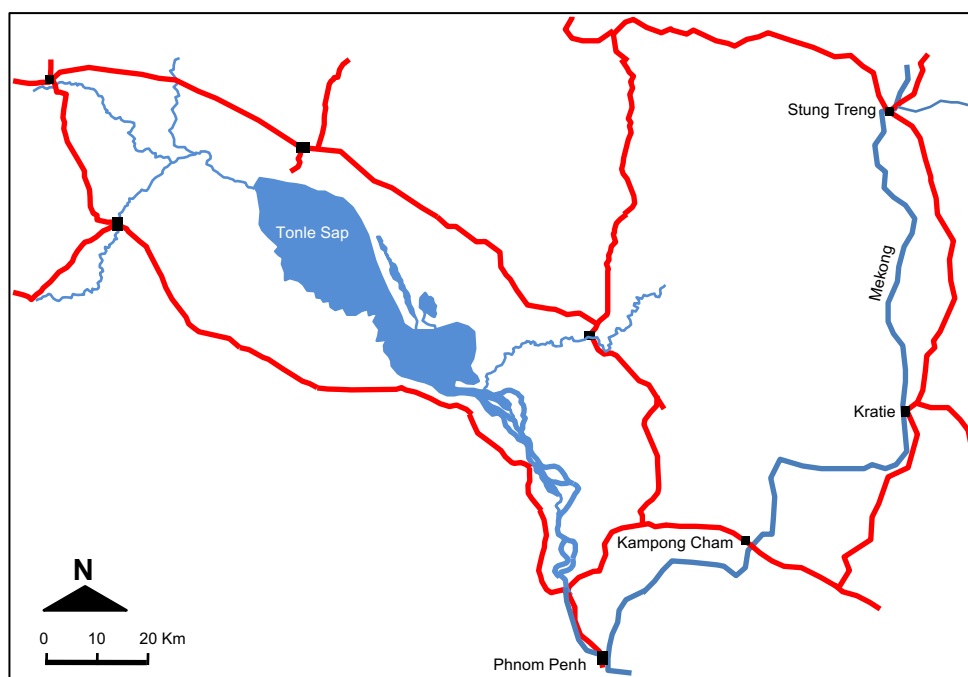
ADB	Asian Development Bank
CBO	Community-Based Organization
CPP	Community Procurement Procedures
CPS	Country Partnership Strategy
CSO	Civil Society Organizations
DC	Development Committee
DRM	Disaster Risk Management
EA	Executing Agency
EMP	Environmental Management Plan
FGD	Focus Group Discussion
GAP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

1 Introduction and Basic Data

1.1 Introduction

- 1 The Government of The Royal Government of Cambodia has obtained a loan and grant from the Asian Development Bank (ADB) towards the cost of the Fourth Greater Mekong Subregion (GMS) Corridor Towns Development Project (hereinafter referred to as CTD4). The location of the project towns is shown in Figure 1.1.
- 2 This is the Quarterly Report for Quarter 4, 2019 (October 1 to December 31).

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 – CTD4

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:	6 November 2019

1.3 Cost Estimates and Financing Plan

1.3.1 CTD4 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

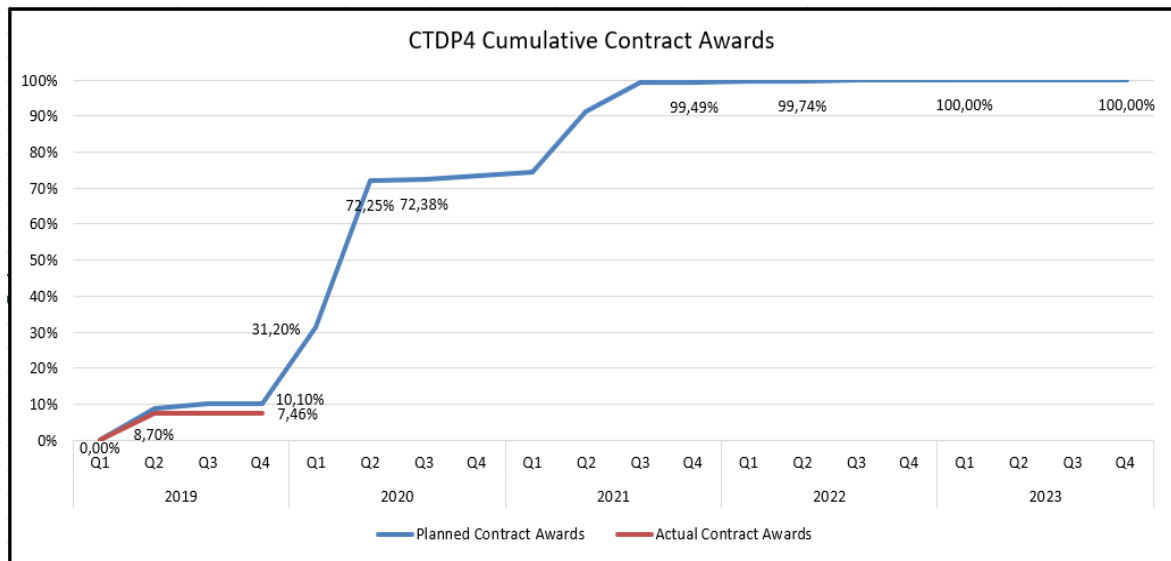
2.1 Cumulative Contract Awards

6 The cumulative contract awards of consulting services and goods/works are shown in Table 2.1. Thus far the only contract award is for the implementation consultants. No goods or works contracts have been awarded as of Q4 2019. The percentage contract awards compared to the original planned awards are shown in Figure 2.1.

Table 2.1 CTDP4 Cumulative Contract Awards

Description	Date of Contract Agreement	Total Cost (\$million)	Cumulative Contract Awards					
			ADB Loan	ADF Grants	Korea EAKPF	Government Counterpart	Total Cumulative Amount	Cumulative Percentage
Goods/Works		87.5						
WW-CW Wastewater treatment system – 3 towns (3 lots)								
SW-DB Solid waste management – 3 towns (3 lots)								
KR-CW01 Town centre environmental enhancement Kratie								
ST-CW02 Town centre enhancement – Stung Treng								
Subtotal								
Consulting Services								
PMCS-01 Project Management, DED, Construction supervision, Provincial Development Strategy & capacity building	26.6.19	5.41						
ICT-CS03 ICT for Public Management								
Subtotal								

Figure 2.1 CTDP4 Cumulative Contract Awards



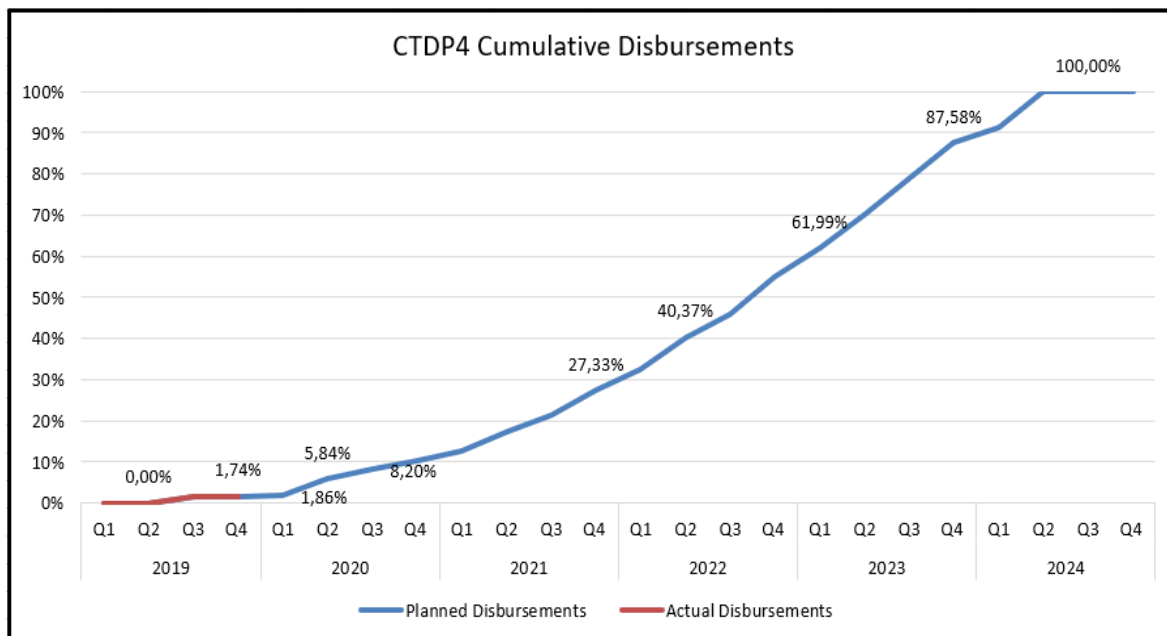
2.2 Disbursement Status

- 7 Disbursements to date have all been for the implementation consultants. The status of disbursements is shown in Table 2.2. The percentage of disbursements compared to the original planned disbursements are shown in Figure 2.2.

Table 2.2 Status of Disbursements – CTDP4

Description	Total Cost (\$million)	Cumulative Disbursements				
		ADB Loan	ADF Grants	Korea EAKPF	Government Counterpart	Total Cumulative Amount
Goods/Works	87.5					
WW-CW Wastewater treatment system – 3 towns (3 lots)						
SW-DB Solid waste management – 3 towns (3 lots)						
KR-CW01 Town centre environmental enhancement Kratie						
ST-CW02 Town centre enhancement – Stung Treng						
Subtotal						
Consulting Services						
PMCS-01 Project Management, DED, Construction supervision, Provincial Development Strategy & capacity building	1.31	1.31				
ICT-CS03 ICT for Public Management						
Subtotal	1.31	1.31				

Figure 2.2 CTDP4 Cumulative Disbursements

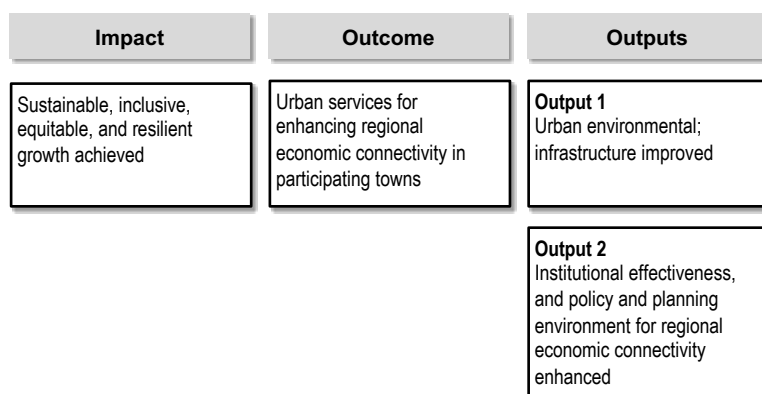


3 Project Scope and Purpose

3.1 Project Impact, Outcome and Outputs

- 8 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.
- 9 The Design and Monitoring Framework (DMF) is included in Annex A. The key elements of the DMF are summarised in Figure 3.1 below.
- 10 Currently no major changes to the Project scope or arrangements are envisaged and the Project should meet its original purpose.

Figure 3.1 CTDP4 Impact, Outcome and Outputs



3.2 Sub-Projects

- 11 The sub-projects as proposed in the RRP are summarised in Table 3.1. Review and verification of the scope of each of the sub-projects is ongoing at the time of this Quarterly Report.

Table 3.1 Proposed Civil Works Sub-Projects

Town	Sub-Projects	Scope of Sub-Projects
Kampong Cham	Wastewater	▪ 5,050 m ³ /day WWTP, 137km sewers, 4.3km drains
	Solid waste management	▪ 900,000m ³ landfill*
Kratie	Wastewater	▪ 4,900 m ³ /day WWTP, 143km sewers, 12km drains
	Solid waste management	▪ 433,500m ³ landfill
	Town centre improvements	▪ Footways, streetlights etc. – scope to be determined
Stung Treng	Wastewater	▪ 3,650 m ³ /day WWTP, 147km sewers, 12km drains
	Solid waste management	▪ 291,000m ³ landfill
	Town centre improvements	▪ Footways, streetlights etc. – scope to be determined

Source: PPTA reports

* Note: Initial reviews suggest that there was a significant error in the calculation of the size of landfill required in K Cham and it should be about 50% of the size shown here. This is currently being reviewed.

3.3 Safeguards

- 12 The status of social and environmental safeguards is summarised in Tables 3.2 to 3.3.
- 13 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 agree with design-build contractors and/or attach to bidding documents or potential contractors
- 14 At the time of this report discussions were ongoing with the General Department of Resettlement regarding the preparation, processing and review of resettlement documents.

3.4 Gender Action Plan

- 15 The CTDP4 Project is classified as Effective Gender Mainstreaming (EGM) and Gender Action Plan monitoring tables are shown in Annex E. Identified gender issues include insufficient solid waste collection services, limited sanitation and sewerage systems resulting in poor environmental sanitation, decrease in local business and income during flooding, limited participation in decision-making and representation in the water and sanitation sector of female staff; and limited opportunities to strengthen and expand job opportunities for women

Table 3.2 Status of Environmental Safeguards

			TOR Preparation		Survey & Report	Submit 1st Draft		1st Draft Review by MoE			Inter-Ministry Meeting		Issue License		Remarks		
			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
CTDT-4	Kampong Cham	WWTP&Drainage															
		Landfill															
	Kratie	WWTP&Drainage															
		Landfill															
	Stueng Treng	Town center															
		WWTP&Drainage															
		Landfill															
		Town center															

Table 3.3 Status of Resettlement Safeguards

Town	Subproject / IR category	Site selection	Land ownership	MOE approval	Cadastre data	Demarcation	Consultation / PIB	Land screening report	Land acquired (ha)	DED submitted to GDR	Consultation	DMS/SES & RCS	DRP / DDR	Comments
CTDP-4														
Kampong Cham	Landfill / C	Yes	State	Requested	Yes		Draft PIB	Draft	n/a	Topo survey done				Landfill site changed within State land for environmental reasons. Environment mitigation needed in site design
	WWTP / B	Yes	State	Requested	Yes		Draft PIB	Draft	n/a	Draft DED being prepared				DED to be finalized (combined or separated system considered)
Kratie	Landfill / C	Yes	State	Yes	Yes	Yes	Draft PIB	Submitted	n/a	Topo survey done				DED to take into account that site contaminated (waste dumping has started) and in middle of community forest. Consultation and IRP needed for waste pickers
	WWTP	TBC				Yes (for pre-selected site)	21.12.2017	Draft						Site pre-purchase agreement needed, and confirmation for access road location (part of ring road)
	Town center	TBC	State						n/a					Urban planning needed
Stueng Treng	Landfill / C	Yes	State	Yes	Yes	Yes	Draft PIB	Submitted	n/a					Consultation and IRP needed for waste pickers
	WWTP	TBC					20.12.2017							New suggested site could be technically unsuitable (higher elevation than town). Technical review needed
	Town center	TBC	State						n/a					Existing drainage and town improvement works started by Municipality. Urban planning needed

4 Implementation Progress

4.1 Project Organisation and Management

- 16 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).
- 17 The PMC was mobilized on 15 July 2019. The kick-off meeting took place at MPWT in Phnom Penh on 17th of July 2019 attended by key stakeholders which addressed the overall planning of the project describing the key issues including subproject land status, priorities, future plans and understanding risks in order to develop a clear strategy and work plan.
- 18 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.
- 19 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.
- 20 As the available office space available in MPWT is insufficient to accommodate the large team, the PMC have rented an office space on the corner of Street 51 and Street 228. This will be the Project Office for at least one year.

4.1.1 Contract Variations

- 21 No contract variation requests have yet been submitted. The history and status of contract variations will be presented using the format in Table 4.1 in future Quarterly Reports.

Table 4.1 Contract Variations, Current and Previous Quarters

Key Dates:					
Period	Variation No.	Submitted	Approved by MPWT	No Objection from ADB	Main Items in Variation
<i>Previous Quarters</i>	-				
<i>This Quarter</i>	1	*	22 Oct 2019	18 Oct 2019	Replacement International TL and National DTL
	2				Change of scope – separate sewers, not combined and traditional procurement not D&B in CTDP4, removal of procurement tasks from PMC

4.2 Progress Monitoring

- 22 A Project Performance Monitoring System (PPMS) is being prepared. At the time of this report some of the timelines were still under discussion so the PPMS outputs will be included from Q1 2020 onwards.

4.3 Implementation Activities

4.3.1 Consultant Team

- 23 The PMC team members mobilised during the quarter are shown in Table 4.2.

Table 4.2 International and National Consultants Active During the Quarter

Position	Name
International	
Team Leader	Richard Mabbitt
Wastewater / Civil Engineer 2	James MacPherson
Social Safeguards and Resettlement Specialist	Teemu Jantunen
Urban and Regional Planner	Hisako Kobayashi
Urban and Regional Economist	Manabu Fujikawa
Tourism Development Specialist	Yoshiki Hirabayashi
Transport Planner	Monyrath Kov
Project Performance and Monitoring Specialist	Nils Gardek
Solid Waste Expert	Iftekhar Enayetullah
National	
National Deputy Team Leader 1	Chhit Socheat
Social Safeguards and Resettlement Specialist	Chan Narith
GIS Specialist	Mao Socheat
Tourism Development Specialist	So Rothavy
Socio-Economics Survey Manager	Ky Sovathana
Support from Ramboll India	
Senior Design Engineer	Dhanesh Prasad
Network Engineer (Wastewater)	Anjali Bansal
Senior Network Engineer (Drainage)	Vipin Verma
Lead Engineer, Structures	Senthilkumar A

4.3.2 General Activities

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

4.3.3 Activities by Output

- 25 The key activities undertaken during this quarter are summarised in Table 4.3 below.

Table 4.3 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"> ▪ Review of proposed pump station locations ▪ Initial outline drainage plans
	<i>Kampong Cham – Solid Waste Management:</i>
	<ul style="list-style-type: none"> ▪ Landfill site and access road review ▪ Topography survey completed ▪ Initial landfill designs
	<i>Kratie – Wastewater:</i>
	<ul style="list-style-type: none"> ▪ Identified possible locations for WWTP ▪ Update on land acquisition and resettlement situation ▪ Preparation for land and safeguards screening. ▪ Topography survey completed for town area
	<i>Kratie – Solid Waste Management:</i>
	<ul style="list-style-type: none"> ▪ Studying the location and design the area of landfill. ▪ Update on land acquisition and resettlement situation. ▪ Preparation for land and safeguards screening. ▪
	<i>Kratie – Town Centre Improvements:</i>
	<ul style="list-style-type: none"> ▪ Field visit to discuss with PIU

	<p><i>Stung Treng – Wastewater:</i></p> <ul style="list-style-type: none"> Identified possible locations for WWTP Topography survey completed for town area
	<p><i>Stung Treng – Solid Waste Management:</i></p> <ul style="list-style-type: none"> Studying the location and design the area of landfill. Update on land acquisition and resettlement situation Topography survey completed for town area
	<p><i>Stung Treng – Town Centre Improvements:</i></p> <ul style="list-style-type: none"> Field visit to discuss with PIU
Output 2: Institutional effectiveness, and policy and planning environment Urban Environmental Infrastructure Improved	<p><i>Kampong Cham, Kratie, Stung Treng</i></p> <ul style="list-style-type: none"> -

4.3.4 Meetings

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

4.4 Project Costs

27 Estimates of sub-project costs are shown in Table 4.4. These costs are based on the PPTA estimates and will be refined and adjusted following completion of detailed designs.

Table 4.4 Current Estimates of Sub-project Costs

Town	Sub-Project	Cost Estimate US\$m
Kampong Cham	WWTP and sewerage	15.76
	Landfill site	6.18*
Kratie	WWTP and sewerage	17.08
	Landfill site	5.57
	Town centre improvements	0.75
Stung Treng	Wastewater	13.01
	Solid waste management	5.92
	Town centre improvements	0.75
Kampong Cham, Kratie, Stung Treng	SWM Equipment	1.35

* Likely to be an over-estimate

4.5 Procurement

4.5.1 Procurement Plan

28 The Procurement Plan for CTDP4 is shown in Annex F.

4.5.2 Procurement of Civil Works and Equipment

29 There has been no procurement of civil works or equipment (other than for the implementation consultants) thus far. The status of civil works and equipment contracts is summarised in Table 4.5.

Table 4.5 Status of Civil Works and Equipment Contracts

No.	Package No.	Package Name	Estimated Value (\$m)	Method of Procurement	Type of Contract	Review	Submission of Proposed Bidding Documents to ADB	ADB Approval of Bid Docs	Invitation for Bid/ RFP Issued	Pre-Bid Meeting	Bid Opening / Receipt of Proposals	BER to ADB	ADB Approval of BER/ Issuance of NOL	Contract Signing
1	KR-CW01	Town Center Environmental Enhancement for Kratie	0.69	NCB	Works	Prior								
2	ST-CW01	Town Center Environmental Enhancement for Stung Treng	0.69	NCB	Works	Prior								
3	SWM-DB-Lot 1	Controlled Landfill for Kampong Cham	5.62	ICB	Works	Prior								
4	SWM-DB-Lot 2	Controlled Landfill for Kratie	5.06	ICB	Works	Prior								
5	SWM-DB-Lot 3	Controlled Landfill for Stung Treng	5.38	ICB	Works	Prior								
6	SWM-GD	SW Collection Vehicles and Landfill Equipment	1.35	NCB	Equipment	Prior								
7	WW-CW-Lot 1	Wastewater and Drainage Facility and Network for Kampong Cham	14.32	ICB	Works	Prior								
8	WW-CW-Lot 2	Wastewater and Drainage Facility and Network for Kratie	15.53	ICB	Works	Prior								
9	WW-CW-Lot 3	Wastewater and Drainage Facility and Network for Stung Treng	11.83	ICB	Works	Prior								
10	ICS01	Intl Project Management Specialist	0.25		Cons	Prior								
11	ICTM-CS02	ICT for Public Management	1.00		Cons	Prior								

4.6 Provincial Planning and Municipality Planning

- 30 The planning team mobilised this quarter. Initial work was to review the status of existing plans and start the collection of data.
- 31 Site visits were undertaken to all project towns and discussions held with municipal and provincial authorities.
- 32 The terms of reference are not entirely clear on the scope and status of the plans to be prepared. The agency responsible for all spatial planning is the Ministry of Land Management and Urban Planning (MLMUPC). Meetings were held with MLMUPC to ascertain if the Project outputs could be adopted and used officially. MLMUPC confirmed that they would welcome assistance to prepare formal plans for some of the Project's towns and provinces. It was agreed to hold further meetings in Q1 2020 in order to finalise the scope of the assistance.

5 Compliance with Covenants

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

6 Project Implementation Issues

- 34 There is some concern over the length of time it is taking to get all safeguard documents prepared and approved. Discussions will be held with MOE, GDR, ADB and PMU to explore ways in which the process might be streamlined.

7 Work Plan

- 35 The updated detailed Work Plan is shown in Annex D.

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) 2b. Provincial five-year development plans with regional cooperation and development strategy approved in Kampong Cham, Kratie,	2a–2c. Project progress reports	

	and Stung Treng (2017 baseline: not available)		
	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)		

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 the Quarter

Date	
3 December 2019	Urban Planning meetings – data collection for Kampong Cham, Kratie and Stung Treng
5 December 2019	introduce the project to MLMUPC
5 December 2019	Urban Planning meetings – data collection in Kratie
6 December 2019	Urban Planning meetings – data collection in Stung Treng

Annex C: Project Progress by Output

Tables from PPMS (to be included starting Q1 2020)

Annex E: Gender Action Plan Monitoring

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (as of Q4 2019)	Issues, Challenges & Comments
Output 1: Urban environmental infrastructure improved		
Output 1.1: Urban environmental infrastructure in Kampong Cham improved		
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. Responsibility: DPWTs/PIUs	Not yet due: Q4 2023	The WW services will be extended to an already defined service area, which will have a given share of FHH and ID Poor HH. Counting them will not change the numbers. Clarification required on the existence of socio-economic baseline survey and requirement for impact survey. Baseline and impact survey are not specified under the PMC scope of work.
Target 2: Expanded and improved solid waste collection services will cover 2,416 FHHs. Responsibility: Municipality	Not yet due: Q4 2023	Indicator is not relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment
Target 3: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit	Not yet due: Q4 2023	The employing organisations to be assigned responsibility for the target. PMC to review baseline data
Action 1: Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification. Responsibility: DPWTs/PIUs, NGO	Not yet due: Q4 2022	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 The Pilot projects are assumed to be under the scope of the NGO to be subcontracted for IEC.
Output 1.2: Urban environmental infrastructure in Kratie improved		
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. Responsibility: DPWTs/PIUs	Not yet due: Q4 2023	Refer above.
Target 5: Expanded and improved solid waste collection services will cover 825 FHHs. Responsibility: Municipality	Not yet due: Q4 2023	Refer above.
Target 6: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit	Not yet due: Q4 2023	Refer above.

<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. Responsibility: DPWTs/PIUs, NGO</p>	Not yet due: Q4 2022	Refer above.
<p>Output 1.3: Urban environmental infrastructure in Stung Treng improved</p>		
<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. Responsibility: DPWTs/PIUs</p>	Not yet due: Q4 2023	Refer above.
<p>Target 8: Expanded and improved solid waste collection services will cover 446 FHHs. Responsibility: Municipality</p>	Not yet due: Q4 2023	Refer above.
<p>Target 9: 30% of staff employed in operation and maintenance are women (baseline 2016: 0). Responsibility: PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	Not yet due: Q4 2023	Refer above.
<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. Responsibility: DPWTs/PIUs, NGO</p>	Not yet due: Q4 2022	Refer above.
<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. Responsibility: MLMUPLC/PMC</p>	Not yet due: Q4 2023	Scope to change to Provincial Spatial Plan considered.
<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. Responsibility: DPWTs/PIUs</p>	Not yet due: Q2 2022	Scope to change to Provincial Spatial Plan. Female participation will be monitored but achieving the target is beyond the control of the PMC
<p>Target 11: In workshops related to Provincial Development Strategy and ICT initiatives 50% of participants will be women Responsibility: DPWTs/PIUs, PMC and ICTM Consultant</p>	Overdue: Q4 2019 Due to considered scope change to Provincial Spatial Plan workshops have not commenced yet. Likewise, ICT initiatives have not commenced yet.	Scope change to Provincial Spatial Plan under consideration. Female participation will be monitored but achieving the target is beyond the control of the PMC
<p>Action 5: Existing staff responsible for financial management and administration (majority women) to be trained in ICTM Responsibility: DPWTs/PIUs, ICTM Consultant</p>	Not yet due: Q4 2022	
<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) Responsibility: MPWT/PMU, ICTM Consultant</p>	Not yet due: Q4 2023	ICTM Consultant to review baseline data

<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) 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>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%) Responsibility: Steering Committee responsible for ensuring % of women in Committee PMU and PIU</p>	<p>To be monitored during the project period.</p>	<p>Staff lists and gender lists will be collected by the PMC from the PMU and PIUs</p>
<p>Action 6: Orientation on GAP implementation, monitoring, and reporting provided to PMU/PIU staff, and local implementation partners. Responsibility: MPWT/PMU, DPWTs/PIUs</p>	<p>Overdue: Q1 2019 Recommended to await the mobilization of Gender Focal Points in the PMU (EA) and national gender consultant with the PMC</p>	
<p>Action 7: GAP integrated in overall work plan, budget and PPMS. Responsibility: MPWT/PMU, DPWTs/PIUs, PMC</p>	<p>Gap has been integrated in overall workplan, budget and PPMS</p>	
<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</p>	<p>GAP Monitoring Template received and annexed the Q4 2019 report and forthcoming quarterly reports.</p>	

Annex F: Procurement Plan

CTDP4 PROCUREMENT PLAN

Basic Data

Project Name: Fourth Greater Mekong Subregion Corridor Towns Development Project	
Project Number: 50099-0092	Approval Number: 3686/0593/0592
Country: Cambodia	Executing Agency: MPWT
Project Procurement Classification: Category B	Implementing Agency: N/A
Project Financing Amount: \$88,500,000 ADB Financing: \$80,000,000 Cofinancing (ADB administered): \$500,000 Non-ADB Financing: \$8,000,000	Project Closing Date: 30 June 2024
Date of First Procurement Plan: 1 August 2018	Date of this Procurement Plan¹²: July 2019, Version 1
Advance Contracting: No	e-GP: No

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

1. Procurement and Consulting Methods and Thresholds

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

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	\$1,000,000 and above	.
National Competitive Bidding for Goods	Between \$100,000 and \$999,000	The first NCB is subject to prior review, thereafter post review
Shopping for Goods	Up to \$99,000	
International Competitive Bidding (ICB) for Works	\$3,000,000 and above	
National Competitive Bidding (NCB) for Works	Between \$100,000 and \$2,999,000	The first NCB is subject to prior review, thereafter post review
Shopping for Works	Below \$100,000	

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	Comments
SWM-DB	Kampong Cham, Kratie, Stung Treng SWM	17,670,000	ICB	Prior	1S2E	Q2/2020	Prequalification of Bidders: N Domestic preference applicable: N

	Lot 1: Kampong Cham Lot 2: Kratie Lot 3: Stung Treng	6,180,000 5,570,000 5,920,000					Bidding document: Large works Proc method = Design-Build ICB
SWM-GD	Solid Waste Collection Vehicles and Landfill equipment	1,350,000	ICB	Prior	1S1E	Q4/2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Date of advertisement= Q1/2020
WW-CW	Kampong Cham, Kratie, Stung Treng WW	45,850,000	ICB	Prior	1S1E	Q3/2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works

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

The following table lists all consulting services contracts above \$100,000.

Package Number	General Description	Estimated Value	Method	Review (Prior/Post)	Advertisement Date	Type of Proposal	Comments
ICS01	Project Implementation Specialist	250,000	ICS	Prior	Q3/2019		Assignment: International Expertise: project implementation, procurement
ICT-CS02	ICT for Public Management	1,000,000	QCBS	Prior	Q1/2019	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 groups 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	Comments

KR-CW01	Town Centre Environmental Enhancement	750,000	1	NCB	Prior	1S1E	Q3/2020	Prequalification of bidders: N Domestic preference applicable: N Bidding document: Small works
ST-CW02	Town Centre Environmental Enhancement	750,000	1	NCB	Post	1S1E	Q3/2020	Prequalification of bidders: N Domestic preference applicable: N Bidding document: Small works

Consulting Services							
Package Number	General Description	Estimated Value (\$ million)	Recruitment Method	Review (Prior/Post)	Advertisement Date	Type of Proposal	Comments
None							

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	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 List of Awarded and Ongoing and Completed Contracts

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

1. Awarded and On-going Contracts

Goods and Works							
Package Number	General Description	Estimated Value (\$ million)	Awarded Contract Value	Recruitment Method	Advertisement Date	Date of ADB Approval Contract Award	Comments
None							

Consulting Services							
Package Number	General Description	Estimated Value (\$ million)	Awarded Contract Value	Recruitment Method	Advertisement Date	Date of ADB Approval Contract Award	Comments
PMCS-CS0	Project Management, Detailed Engineering, Construction Supervision, Provincial development Strategy and Capacity Building	6,100,000	5,834,010	QCBS	Q2/2018	20 Jun 19	

D. National Competitive Bidding

1. 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 No. 74 ANK BK dated 22 May 2012 with the clarifications and modifications described in the following paragraphs 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

E. 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 changes to the mode of procurement from those provided 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.

F. Bidding Documents

5. Use of Bidding Documents

6. 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

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

7. 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

8. 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

9. 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

10. 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.

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

Annex G: Compliance with Loan and Grant Covenants

No.	Covenant	Reference	Status of Compliance
	CTDP4 Loan 3686		
12	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	
13	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 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)	
14	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)	
15	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)	
16	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Section 4.03	
	CTDP4 Grant 0592		
17	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	
18	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 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)	
19	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)	
20	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	Section 4.02 (c)	

No.	Covenant	Reference	Status of Compliance
	provided that such discussions shall be conducted only in the presence of an authorized officer of the Recipient, unless the Recipient shall otherwise agree.		
21	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Section 4.03	
	CTDP4 Grant 0593		
22	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	
23	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 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)	
24	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)	
25	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)	
26	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Section 4.03	