



# Ministry of Public Works and Transport Kingdom of Cambodia

## Second Greater Mekong Sub Region (GMS) Corridor Towns Development Project

Loan No. 3314-CAM

# 1st Quarterly Report 2019

March 2019

**Executing Agency:**

Ministry of Public Works and  
Transport (MPWT)  
4th Floor Western Building  
Corner Norodom Blvd. &  
Street #106  
Phnom Penh, Cambodia

**Funding Agency:**

Asian Development Bank (ADB)  
6 ADB Avenue, Mandaluyong City 1550  
Metro Manila, Philippines

**PISCD Consultants:**

NJS Consultants Co. Ltd.  
*In Joint Venture with*  
CEST Incorporated and Key  
Consultants Cambodia, Ltd.  
4<sup>th</sup> Floor, Ministry of Public  
Works and Transport  
Phnom Penh, Cambodia



## TABLE OF CONTENTS

Page No.

|  |           |
|--|-----------|
| <b>SECTION 1 INTRODUCTION AND BASIC DATA .....</b>   | <b>1</b>  |
| 1.1 PROJECT OVERVIEW .....   | 1         |
| 1.2 BASIC DATA .....   | 3         |
| 1.3 REPORTING PERIOD .....   | 3         |
| <b>SECTION 2 UTILIZATION OF FUNDS .....</b>  | <b>4</b>  |
| 2.1 PROJECT COST ESTIMATE .....  | 4         |
| 2.2 LOAN PROCEEDS .....  | 5         |
| 2.3 CONTRACT AWARDS .....  | 6         |
| 2.4 DISBURSEMENT .....   | 6         |
| 2.5 COUNTERPART FUNDS .....  | 7         |
| <b>SECTION 3 IMPLEMENTATION PROGRESS .....</b>   | <b>8</b>  |
| 3.1 OVERALL PROGRESS .....   | 8         |
| 3.2 PROJECT MANAGEMENT and IMPLEMENTATION UNIT .....   | 10        |
| 3.3 PROJECT MOBILIZATION and REMOBILIZATION .....  | 10        |
| 3.4 PROCUREMENT .....  | 10        |
| 3.4.1 Contract Award and Completed Contracts .....   | 11        |
| 3.4.2 Procurement Plan .....   | 11        |
| 3.5 PROJECT IMPLEMENTATION SUPPORT AND CAPACITY BUILDING (PISCB) .....                           | 11        |
| 3.6 CONSULTING SERVICES .....  | 12        |
| 3.7 ADOPTION AND IMPLEMENTATION OF THE SLEDP (OUTPUT 1) .....                                    | 12        |
| 3.8 IMPLEMENTATION OF PRIORITY URBAN INFRASTRUCTURE INVESTMENTS (OUTPUT 2) .....                 | 13        |
| 3.9 STRENGTHENING OF INSTITUTIONAL CAPACITY and COMMUNITY DEVELOPMENT ..                         | 13        |
| <b>SECTION 4 PROJECT PERFORMANCE .....</b>   | <b>17</b> |
| 4.1 GENERAL .....  | 17        |
| 4.2 ASSESSMENT OF RISKS .....  | 17        |
| 4.3 PROJECT PERFORMANCE AGAINST THE TARGETS SET OUT IN THE DMF .....                             | 17        |
| 4.4 PROJECT IMPLEMENTATION AND PERFORMANCE M&E FRAMEWORK MATRIX .....                            | 17        |
| <b>SECTION 5 COMPLIANCE WITH SAFEGUARDS AND COVENANTS .....</b>                                  | <b>18</b> |
| 5.1 ENVIRONMENTAL SAFEGUARDS .....   | 18        |
| 5.2 RESETTLEMENT .....   | 18        |
| 5.3 IMPLEMENTATION OF GENDER ACTION PLAN .....   | 19        |
| 5.4 STATUS OF COMPLIANCE WITH LOAN COVENANTS, AND RISK ASSESSMENT AND RISK MANAGEMENT PLAN ..... | 20        |
| <b>SECTION 6 MAJOR PROJECT ISSUES AND PROBLEMS, AND ACTIONS TAKEN .....</b>                      | <b>21</b> |
| <b>SECTION 7 ACTIVITIES FOR THE NEXT QUARTER .....</b>   | <b>22</b> |



## LIST OF APPENDICES

Appendix No.

|             |   |
|-------------|---|
| APPENDIX 1  | KEY MEMBERS OF PMU AND PIUs                                 |
| APPENDIX 2  | OVERALL UPDATE PROJECT IMPLEMENTATION PLAN                  |
| APPENDIX 3  | MASTER SPREADSHEETS CAD PROJECT TO DATE AND YEAR TO DATE    |
| APPENDIX 4  | SUMMARY OF SUBPROJECT COMPONENTS AND COST ESTIMATE          |
| APPENDIX 5  | STATUS OF CONTRACT AWARD                                    |
| APPENDIX 6  | PROCUREMENT PLAN  |
| APPENDIX 7  | ASSESSMENT OF RISKS   |
| APPENDIX 8  | DMF TARGETS VS ACHIEVEMENTS                                 |
| APPENDIX 9  | PROJECT IMPLEMENTATION AND PERFORMANCE M&E FRAMEWORK MATRIX |
| APPENDIX 10 | STATUS OF ENVIRONMENTAL AND SOCIAL SAFEGUARD                |
| APPENDIX 11 | GAP IMPLEMENTATION PLAN                                     |
| APPENDIX 12 | STATUS OF COMPLIANCE WITH LOAN COVENANTS                    |
| APPENDIX 13 | RISK ASSESMENT AND RISK MANAGEMENT PLAN (RARMP)             |



## LIST OF TABLES

| Table No. | Page No.   |
|-----------|--|
| 2.1       | DETAILED COST ESTIMATE BY OUTPUT AND BY FINANCIER (US\$ MILLION) ..... 4 |
| 2.2       | DETAILED COST ESTIMATES BY FINANCIER ..... 5                             |
| 2.3       | STATUS OF LOAN UTILIZATION (LOAN 3314) ..... 5                           |
| 3.1       | STAFF MOBILIZATION..... 10   |
| 3.2       | DRY PORT AND LOGISTICS FACILITY ..... 12                                 |
| 3.3       | SUBPROJECTS AND READINESS ..... 13                                       |
| 3.4       | CAPACITY BUILDING PROGRAM PACKAGE 1 ACTIVITIES..... 14                   |
| 3.5       | CAPACITY BUILDING PROGRAM PACKAGE 2 ACTIVITIES..... 15                   |
| 3.6       | SUMMARY OF CAMPAIGNING ACTIVITIES IN THE TORS ..... 16                   |
| 5.1       | SUMMARY OF LAR IMPACTS ..... 19  |
| 7.1       | WORK PLAN FOR NEXT QUARTER (1ST QUARTER 2019) ..... 22                   |



## **LIST OF FIGURES**

| Figure No.  | Page No. |
|---|----------|
| 1.1 LOCATION OF THE TOWNS OF KAMPOT AND SIHANOUKVILLE.....    | 2        |
| 2.1 CUMULATIVE ACTUAL VERSUS PROJECTED CONTRACT AWARDS.....   | 6        |
| 2.2 CUMULATIVE ACTUAL VERSUS PROJECTED DISBURSEMENTS.....     | 7        |
| 3.1 TWO NEW PROPOSED LANDFILL SITES FOR KAMPOT (SITE AA)..... | 9        |



## ABBREVIATIONS AND ACRONYMS

|       |   |  |
|-------|---|--|
| ADB   | - | Asian Development Bank                               |
| CAD   | - | Cost Estimate Report                                 |
| CBTS  | - | Capacity Building and Training Specialist            |
| CS    | - | Construction Supervision                             |
| CTDP  | - | Corridor Towns Development Project                   |
| DDR   | - | Due Diligence Report                                 |
| DED   | - | Detailed Engineering Design                          |
| DMF   | - | Design and Monitoring Framework                      |
| EA    | - | Executive Agency                                     |
| EM    | - | External Monitoring                                  |
| EMP   | - | Environmental Management Plan                        |
| GAP   | - | Gender Action Plan                                   |
| GDR   | - | General Department of Resettlement                   |
| GMS   | - | Greater Mekong Sub-region                            |
| ICB   | - | International Competitive Bidding                    |
| IEE   | - | Initial Environmental Examination                    |
| IOL   | - | Inventory of Loss                                    |
| IRC   | - | Inter-Ministerial Resettlement Committee             |
| LAR   | - | Land Acquisition and Resettlement                    |
| M&E   | - | Monitoring and Evaluation                            |
| MEF   | - | Ministry of Economy and Finance                      |
| MPWT  | - | Ministry of Public Works and Transport               |
| NCB   | - | National Competitive Bidding                         |
| O&M   | - | Operation and Maintenance                            |
| PAP   | - | Project-affected People                              |
| PDPWT | - | Provincial Department of Public Works and Transport  |
| PISCB | - | Project Implementation Support and Capacity Building |
| PIU   | - | Project Implementation Unit                          |
| PMU   | - | Project Management Unit                              |
| PPMS  | - | Project Performance Management System                |
| PPP   | - | Public-Private Partnership                           |
| Q     | - | Quarter  |
| RGC   | - | Royal Government of Cambodia                         |
| RP    | - | Resettlement Plan                                    |
| SDR   | - | Special Drawing Rights                               |
| SEC   | - | Southern Economic Corridor                           |
| SLEDP | - | Strategic Local Economic Development Plan            |
| UD    | - | Urban Drainage                                       |
| WWT   | - | Wastewater Treatment                                 |
| WWTP  | - | Wastewater Treatment Plant                           |



## SECTION 1 INTRODUCTION AND BASIC DATA

### 1.1 PROJECT OVERVIEW

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

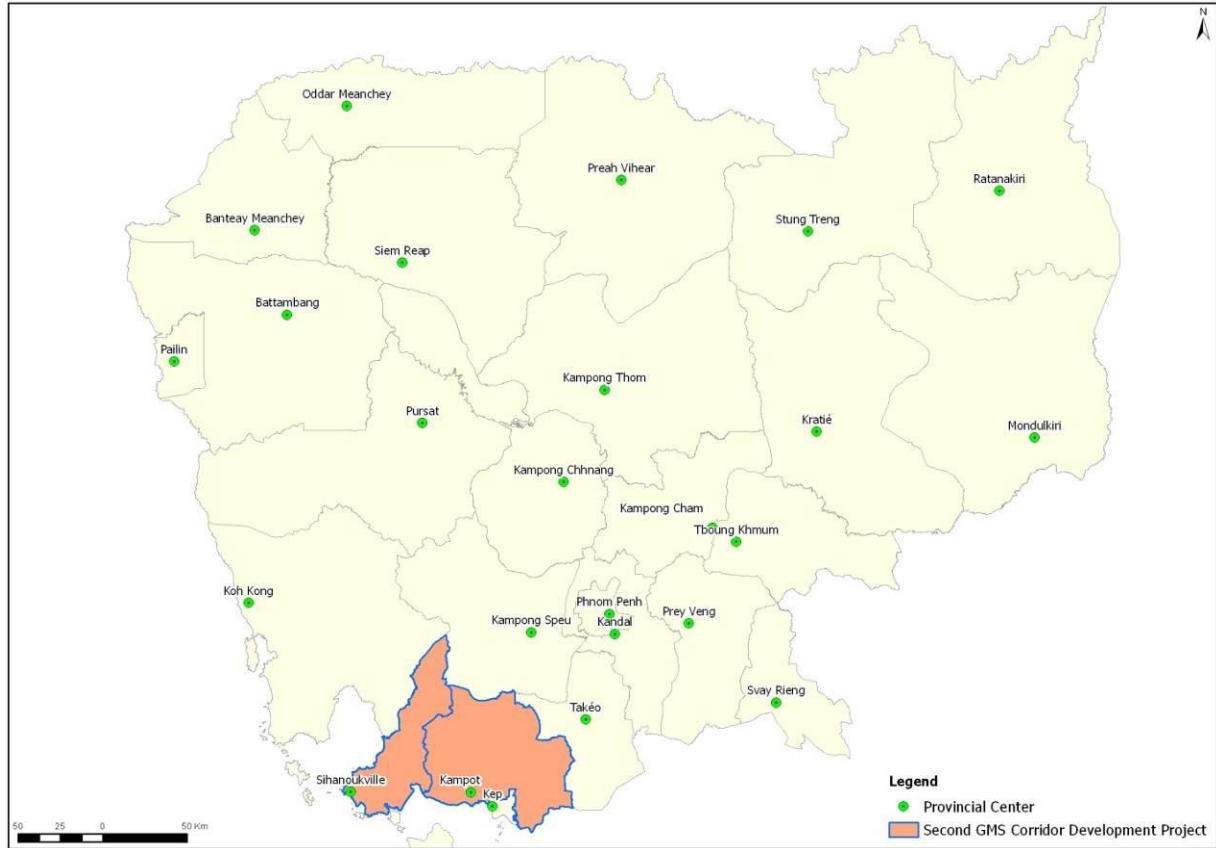
Loan Number 33-14 CAM, a Loan agreement between the Kingdom of Cambodia and the Asian Development Bank (ADB), will be used to fund implementation of the Second Mekong Sub-region (GMS) Corridor Town Development Project (CDTP). The Loan agreement was signed on 22 December 2015. The Loan was declared effective on 29 February 2016. The Implementation Period is from 2016 to 2020. The expected loan closing date is 30 June 2021.

The participating corridor towns in Cambodia, Kampot and Sihanoukville, continue to face the urgent task of coping with the demands of expanding urban areas. The local authorities want to plan and manage urban growth using an integrated approach, operate and maintain urban environmental and economic infrastructure and efficiently deliver municipal services. Kampot is a provincial capital and; agricultural, commercial and service center and a regional tourism center. Its strategic location provides excellent road-based connections in the Southern Economic Corridor (SEC) and to Phnom Penh. There are significant opportunities for increased economic activities and investment. Sihanoukville is a regional center and provincial capital with a rapidly expanding economy and a significant level of urbanization. Its success is built around investment in strategic infrastructure, including an international port, an airport and a special economic zone, coupled with a beach environment that has given the town an international resort status.

The proposed Second Greater Mekong Sub-region (GMS) Corridor towns Development Project for Cambodia will improve urban services in the two towns of Kampot and Sihanoukville. The project will cover four subprojects comprising: (i) Strategic Local Economic Development Plans (SLEDPs) implemented; (ii) priority urban infrastructure investments implemented; (iii) institutional capacities for managing public investments strengthened; and (iv) Community Awareness on project activities and environmental sustainability improved.

The location of the towns of Kampot and Sihanoukville are shown on Figure 1.1

**FIGURE 1.1**  
**LOCATION OF THE TOWNS OF KAMPOT AND SIHANOUKVILLE**



The expected outcome of the project will improve urban infrastructure and enhanced climate resilience in Kampot and Sihanoukville. The project will cover five subprojects comprising, (a) Three subprojects in Kampot, (b) Two subprojects in Sihanoukville:

a) Kampot:

- Wastewater Collection and Treatment
- Urban Drainage
- Solid Waste Management
- Note: The Wastewater Collection and Treatment (including the sewerage) and the Urban Drainage components have been combined and form the 'Wastewater Collection and Treatment and Urban Drainage' contract

b) Sihanoukville:

- Solid Waste Management
- Urban Drainage



## 1.2 BASIC DATA

Presented below is the basic Project data.

|   |   |                              |                           |
|---|---|------------------------------|---------------------------|
| <b>Project Title:</b>                                       | Second Greater Mekong Subregion Economic Corridor Towns Development Project   |                              |                           |
| <b>Project Number</b>                                       | 46443-002   |                              |                           |
| <b>Borrower:</b>  | Kingdom of Cambodia   |                              |                           |
| <b>Executing Agency (EA) and Implementing Agencies (IA)</b> | The EA of the Project is the Ministry of Public Works and Transport (MPWT). The EA assumes overall responsibility for the project implementation through the Project Management Unit (PMU). The Provincial Town Governor in each of the two Towns, in cooperation with PMU, has set up the PIUs for the implementation of subproject activities. The key members of the PMU and PIUs are presented in <b>Appendix A</b> . |                              |                           |
| <b>Total Project Cost and Financing Plan</b>                |   |                              |                           |
| <b>Loan/Grant No.</b>                                       | <b>Source of Funding</b>  | <b>Amount (US\$ million)</b> | <b>Share of Total (%)</b> |
| Loan No. 3314-CAM   | Asia Development Fund   | 33.00                        | 86.6%                     |
|   | Government of Cambodia  | 5.10                         | 13.4%                     |
|   | <b>Total Project Cost</b>   | <b>38.10</b>                 | <b>100.0%</b>             |

Source: Asian Development Bank estimates.

|                                     |  |
|-------------------------------------|--|
| <b>Date of Loan Approval</b>        | 13 November 2015   |
| <b>Date of Signing of Agreement</b> | 22 December 2015   |
| <b>Date of Effectiveness</b>        | 29 February 2016   |
| <b>Loan Closing Date</b>            | 30 June 2021 (loan period is 5.42 years from date of effectiveness)                      |
| <b>Elapsed Loan Period</b>          | 3.08 years from date of effectiveness (as of 31 March 2019) 58% of loan period           |
| <b>Dates of ADB Review Missions</b> | 07 – 14 December 2016, 14 - 15 June 2017, 25 – 29 August 2017 and 25 Feb – 04 March 2019 |

## 1.3 REPORTING PERIOD

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



## SECTION 2 UTILIZATION OF FUNDS

### 2.1 PROJECT COST ESTIMATE

The Project cost estimates (US\$ million) were amended to take into consideration, the reallocation of loan proceeds due to contract awards under loan categories that already exceeded their allocation and the prioritization of subprojects such that total cost will be within the available budget. **Table 2.1 and 2.2** presents the Detailed Cost Estimate by Output and Financier prepared by MEF and approved by ADB.

**TABLE 2.1  
DETAILED COST ESTIMATE BY OUTPUT AND BY FINANCIER (US\$ million)**

(Second Greater Mekong Subregion Economic Corridor Towns Development Project)

| No.      | Item  | Total        |             | ADB Loan     |              | RGC         |                |             |              |
|----------|---|--------------|-------------|--------------|--------------|-------------|----------------|-------------|--------------|
|          |   | Amount       | %           | Amount       | %            | Amount      | Taxes & Duties | Subtotal    | %            |
| <b>A</b> | <b>Base Cost</b>                                |              |             |              |              |             |                |             |              |
| <b>1</b> | <b>Kampot</b>                                   |              |             |              |              |             |                |             |              |
| 1.1      | Wastewater collection and treatment             | 9.74         | 26%         | 7.28         | 75%          | 1.73        | 0.73           | 2.46        | 25%          |
| 1.2      | Solid waste management                          | 3.01         | 8%          | 2.53         | 84%          | 0.23        | 0.25           | 0.48        | 16%          |
| 1.3      | Urban drainage                                  | 1.80         | 5%          | 1.48         | 82%          | 0.17        | 0.15           | 0.32        | 18%          |
|          | <b>Subtotal Kampot</b>                          | <b>14.55</b> | <b>38%</b>  | <b>11.29</b> | <b>78%</b>   | <b>2.13</b> | <b>1.13</b>    | <b>3.26</b> | <b>22%</b>   |
| <b>2</b> | <b>Sihanoukville</b>                            |              |             |              |              |             |                |             |              |
| 2.1      | Wastewater collection and treatment             | 2.90         | 8%          | 2.64         | 91%          | -           | 0.26           | 0.26        | 9%           |
| 2.2      | Solid waste management                          | 9.68         | 25%         | 8.80         | 91%          | -           | 0.88           | 0.88        | 9%           |
|          | <b>Subtotal Sihanoukville</b>                   | <b>12.58</b> | <b>33%</b>  | <b>11.44</b> | <b>91%</b>   | <b>-</b>    | <b>1.14</b>    | <b>1.14</b> | <b>9%</b>    |
| 3        | Project Implementation and Capacity Development | 3.58         | 9%          | 3.25         | 91%          | -           | 0.33           | 0.33        | 9%           |
| 4        | Incremental Administration Cost                 |              |             |              |              |             |                |             |              |
| 4A       | Salary Supplements and Project Audit            | 0.37         | 1%          | -            | 0%           | 0.34        | 0.03           | 0.37        | 100%         |
| 2D       | Other Incremental Administration Cost           | 0.56         | 1%          | 0.56         | 100%         | -           | -              | -           | 0%           |
|          | <b>Subtotal (A)</b>                             | <b>31.64</b> | <b>83%</b>  | <b>26.54</b> | <b>84%</b>   | <b>2.47</b> | <b>2.63</b>    | <b>5.10</b> | <b>16%</b>   |
| <b>B</b> | <b>Contingencies</b>                            |              |             |              |              |             |                |             |              |
| 1        | Physical Contingencies                          | 2.95         | 8%          | 2.95         | 100%         | -           | -              | -           | 0%           |
| 2        | Price Contingencies                             | 2.66         | 7%          | 2.66         | 100%         | -           | -              | -           | 0%           |
|          | <b>Subtotal (B)</b>                             | <b>5.61</b>  | <b>15%</b>  | <b>5.61</b>  | <b>100%</b>  | <b>-</b>    | <b>-</b>       | <b>-</b>    | <b>0%</b>    |
| <b>C</b> | <b>Financial Charges During Implementation</b>  | <b>0.85</b>  | <b>2%</b>   | <b>0.85</b>  | <b>100%</b>  | <b>-</b>    | <b>-</b>       | <b>-</b>    | <b>0%</b>    |
|          | <b>Total (A+B+C)</b>                            | <b>38.10</b> | <b>100%</b> | <b>33.00</b> | <b>86.6%</b> | <b>2.47</b> | <b>2.63</b>    | <b>5.10</b> | <b>13.4%</b> |

Source: Project Administrative Manual



**TABLE 2.2**  
**DETAILED COST ESTIMATES BY FINANCIER**  
**(Second Greater Mekong Subregion Economic Corridor Towns Development Project)**

| No.       | Item   | ADB          |               | RGC         |                         |                |              | Total        |
|-----------|--|--------------|---------------|-------------|-------------------------|----------------|--------------|--------------|
|           |  | Amount       | %             | Amount      | Amount (Taxes & Duties) | Amount (Total) | %            |              |
| <b>A</b>  | <b>Base Cost</b>                               |              |               |             |                         |                |              |              |
| 1         | Civil Works                                    | 22.18        | 90.9%         | -           | 2.22                    | 2.22           | 9.1%         | 24.40        |
| 2         | Equipment and Materials                        | 0.55         | 90.2%         | -           | 0.06                    | 0.06           | 9.8%         | 0.61         |
| 3         | Land Acquisition and Resettlement              | -            | 0.0%          | 2.13        | -                       | 2.13           | 100.0%       | 2.13         |
| 4         | Project Implementation and Capacity Building   | 3.25         | <b>90.8%</b>  | -           | 0.33                    | 0.33           | <b>9.2%</b>  | 3.58         |
| 5         | Incremental Administration Cost                |              |               |             |                         |                |              |              |
| 5A        | Salary Supplements and Project Audit           | -            | 0.0%          | 0.34        | 0.03                    | 0.37           | 100.0%       | 0.37         |
| 5B        | Other Incremental Administration Cost          | 0.56         | 100.0%        | -           | -                       | -              | 0.0%         | 0.56         |
|           | <b>Subtotal (A)</b>                            | <b>26.54</b> | <b>83.9%</b>  | <b>2.47</b> | <b>2.64</b>             | <b>5.11</b>    | <b>16.1%</b> | <b>31.65</b> |
| <b>B.</b> | <b>Contingencies</b>                           |              |               |             |                         |                |              |              |
| 1         | Physical contingencies                         | 2.95         | 100.0%        | -           | -                       | -              | 0.0%         | 2.95         |
| 2         | Price contingencies                            | 2.66         | 100.0%        | -           | -                       | -              | 0.0%         | 2.66         |
|           | <b>Subtotal (B)</b>                            | <b>5.61</b>  | <b>100.0%</b> | <b>-</b>    | <b>-</b>                | <b>-</b>       | <b>0.0%</b>  | <b>5.61</b>  |
| <b>C.</b> | <b>Financial Charges During Implementation</b> | 0.85         | 100.0%        | -           | -                       | -              | 0.0%         | 0.85         |
|           | <b>Total (A+B+C)</b>                           | <b>33.00</b> | <b>86.6%</b>  | <b>2.47</b> | <b>2.64</b>             | <b>5.11</b>    | <b>13.4%</b> | <b>38.11</b> |

Source: Project Administrative Manual

## 2.2 LOAN PROCEEDS

Loan utilization by category, as of 31 March 2019 is indicated in Table 2.3 below and the master spreadsheets used for CAD Project to Date and Year to Date is shown in **Appendix 3**.

**TABLE 2.3**  
**STATUS OF LOAN UTILIZATION (LOAN 3314)**

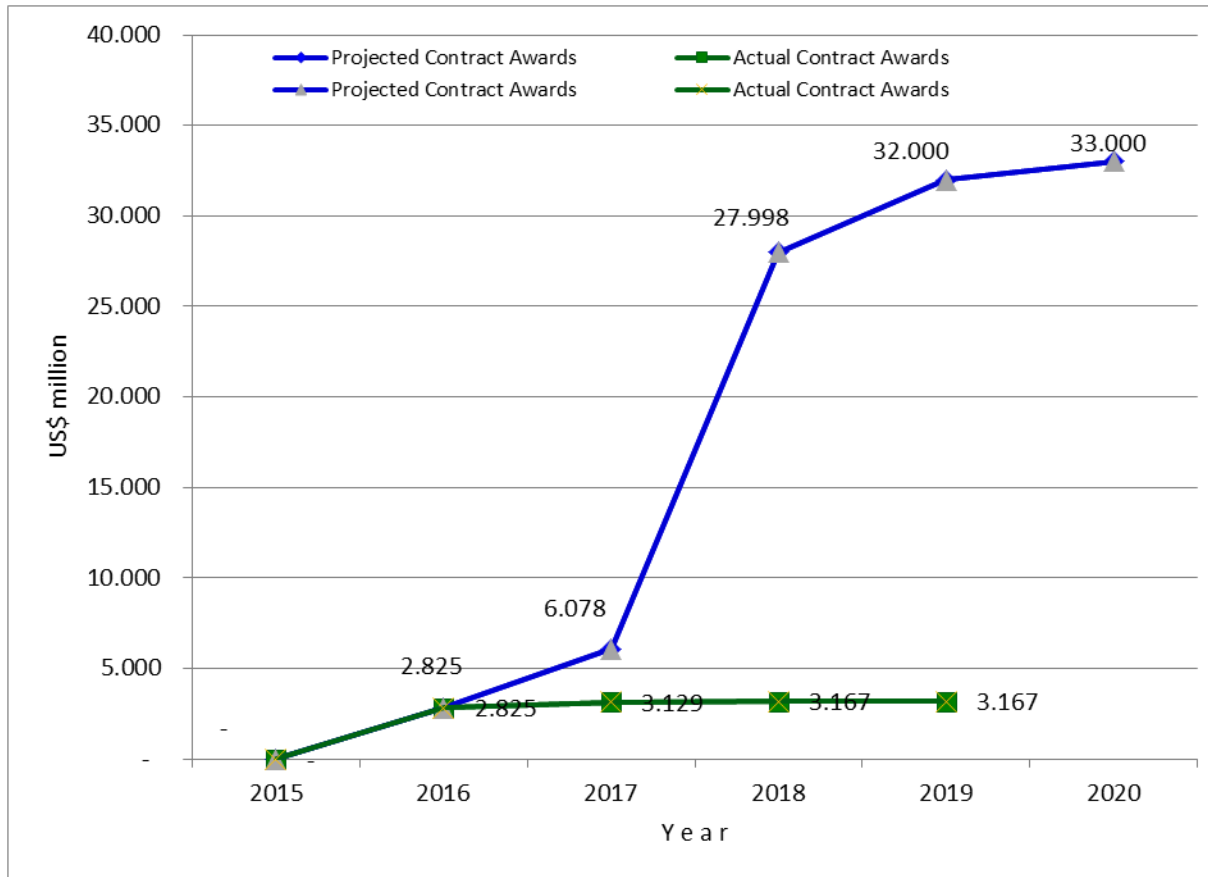
| Cat. Ref. | Category Name                                   | US Dollars, million  |                     |                           |                     |                          |                              |
|-----------|---|----------------------|---------------------|---------------------------|---------------------|--------------------------|------------------------------|
|           |   | Allocation           | Contracts Awarded   | Uncontracted Loan Balance | Contracts Disbursed | Undisbursed Loan Balance | Undisbursed Contract Balance |
|           |   | A                    | B                   | C = A - B                 | D                   | E = A - D                | F = B - D                    |
| 1         | Works   | 21,887,559.18        | -                   | 21,887,559.18             | -                   | 21,887,559.18            | -                            |
| 2         | Equipment and Materials                         | 543,219.30           | -                   | 543,219.30                |                     |                          |                              |
| 3         | Project Implementation and Capacity Development | 3,217,091.32         | 2,825,040.00        | 392,051.32                | 1,403,353.50        | 1,813,737.82             | 1,421,686.50                 |
| 4A        | Salary Supplements and Project Audit            | 560,000.00           |                     | 560,000.00                | 55,938.12           | 504,061.88               | (55,938.12)                  |
| 4B        | Other Incremental Administration Cost           | 542,604.89           | 342,074.68          | 200,530.21                | 264,874.68          | 277,730.21               | 77,200.00                    |
| 5         | Unallocated Budget                              | 5,536,658.25         | -                   | 5,536,658.25              | -                   | 5,536,658.25             | -                            |
| 6         | Interest Charge                                 | 837,438.85           | -                   | 837,438.85                | <b>20,434.78</b>    | <b>817,004.07</b>        | <b>(20,434.78)</b>           |
| 99        | Imprest Account                                 | (4,581.66)           |                     | (4,581.66)                | 426,000.00          | (430,581.66)             | (426,000.00)                 |
|           | <b>Total (A+B+C)</b>                            | <b>33,119,990.13</b> | <b>3,167,114.68</b> | <b>29,952,875.45</b>      | <b>2,170,601.08</b> | <b>30,406,169.75</b>     | <b>996,513.60</b>            |



### 2.3 CONTRACT AWARDS

No contract awards were made during the reporting period. As of 31 March 2019, the contracts awarded by PMU amounted to US\$3.167 million, or 10% of total loan amount. **Figure 2.1** shows the S-curves of the cumulative actual and original contract awards.

**FIGURE 2.1**  
**CUMULATIVE ACTUAL VERSUS PROJECTED CONTRACT AWARDS**

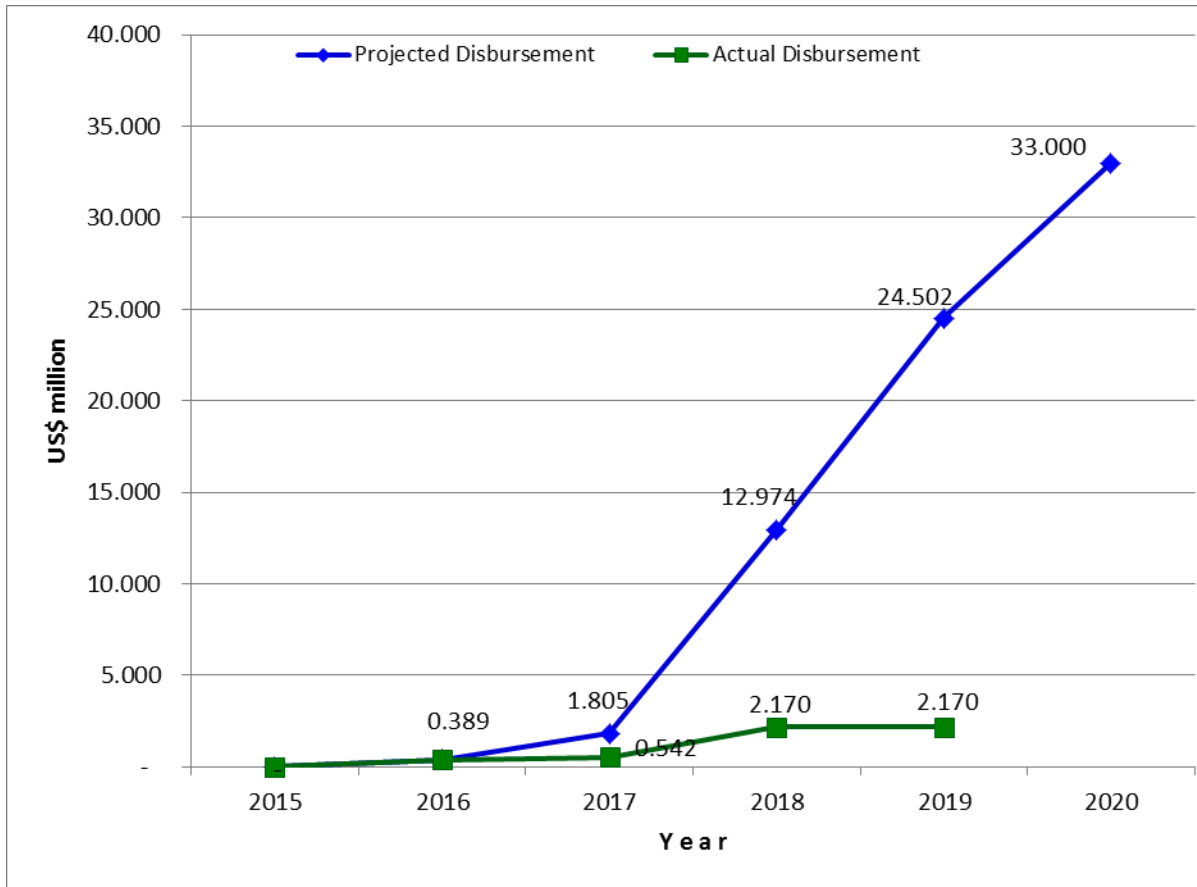


### 2.4 DISBURSEMENT

No disbursements were made during the reporting period. So far, a total of US\$ 2.170 million, or 69% of total contract awards has been disbursed; this is equivalent to 7% of total loan amount. The S-curves of the cumulative actual versus projected disbursements and original are shown in **Figure 2.2**.



**FIGURE 2.2**  
**CUMULATIVE ACTUAL VERSUS PROJECTED DISBURSEMENTS**



## 2.5 COUNTERPART FUNDS

No payments were made from the RGC counterpart fund during the reporting period. PMU and PIU staffs' allowances were paid from the account's balance of this quarter. As of 31 March 2019, the total counterpart funds released to the Project was US\$55, 938.12 or 1% of the total government contribution.



## SECTION 3 IMPLEMENTATION PROGRESS

### 3.1 OVERALL PROGRESS

As of 31 March 2019, project implementation is behind the originally envisaged program; the estimated physical completion of the Project is some 18%, while the time elapsed from effectiveness date was 58 %. The physical completion is indicated as a percentage derived from the estimate of the weight contributed by each activity as a percentage of the total project, consistent with the S-curve concept and the summary of subproject component and cost estimate in Appendix 4.

At the moment both contracts CW01 (Wastewater Collection and Treatment, and Urban Drainage in Kampot Town) and CW03 (Urban Drainage in Sihanoukville Town) have been supplied to bidders, bids received and evaluated and submitted to ADB. The bids were opened for CW01 on September 27, 2018 and CW03 on October 1<sup>st</sup>, 2018. The ADB gave their no objection to the bid evaluation and cost which was supplied to PMU in November 2018. Award of the contracts is on hold pending resolution of resettlement issues.

#### **Detailed Engineering Design (DED):**

DED of all priority subprojects previously identified such as CW01: Wastewater Treatment Plant and Drainage and Sewerage in Kampot town were fully completed in Q1 2018 and CW3: Drainage in Sihanoukville was fully completed in Q1 2018.

DED of solid waste management in Kampot still hold on due to the landfill site not yet purchased, ongoing negotiations between land owners and GDR. The detailed design of Sihanoukville SWM can now be started after approval of reduced scope for the landfill development from ADB but is waiting for environmental approval from MoE.

#### **Bid Evaluation Report of Kampot Wastewater Collection and Treatment, and Urban Drainage:**

ADB approved the recommendation in the subproject's bid evaluation report to award the contract subject to resolution of Resettlement issues.

#### **Bid Evaluation Report of Sihanoukville Urban Drainage Work:**

ADB approved the recommendation in the subproject's bid evaluation report to award the contract to the Joint Venture of MTA Construction Co., Ltd. and No. 203 Research Institute of Nuclear Industry at a contract price not exceeding \$7,991,808.84, which is exclusive of VAT.

#### **Signed Contract:**

The Contract for CW-03, Sihanoukville Urban Drainage will sign contract on 03 April 2019.

#### **Construction Supervision (CS):**

Completed Construction Supervision Manual and organized instruction on Construction Supervision to Resident Site Engineers and Site Inspectors for both provinces on 18 March 2019.

#### **Meetings:**

- Together with KCC's IEIA study team and PMU a final reviewing meeting was held in the MoE offices to present/defend the IEIA report for Kampot Wastewater Collection and Treatment and Urban Drainage with and inter-ministerial committee, on 26 Feb 2019.

- Jointed with KCC's IEIA study team and PMU in final reviewing meeting in MoE to defend the IEIA report for Sihanoukville Urban Drainage with inter-ministerial committee, date 25 January 2019.
- Participated meeting with ADB mission team in ADB-CAM, date 26 Feb 2019 focused on the proposed construction supervision is in accordance with our original proposed in VO 3 which we consider meets the ADB requirement, as stated in the Aide Memoire of the Mission 25 February to 4 March 2019, of the need to ensure adequate construction supervision.
- Participated a meeting with GDR to clarify and solutions for AHs and APs on the ROW of open channel line 4b on 14 March 2019.

#### Site Visit:

- Followed up with PIU, PMU, and GDR of MEF on land acquisition for new landfill site in Kampot province, Figure 3.1
- Organized a team with the Team Leader, Deputy Team leader, the National Environmental and Resettlement Specialists to visit the existing dumpsite and landfill in Sihanoukville to follow up and obtain data collection from the people residing on, or adjacent to the dump site, (waste pickers) on 06 March 2019. Next day, the team further visited the MPS and WWTP sites cooperated with Mr. Tauch Chansereyboth (PIU) in Kampot, on 07 March 2019.
- The National Environmental Specialist participated with PMU and the EIA officers of MoE to visit and evaluate the landfill site, in Sihanoukville province, on 25-26 March 2019.

#### Environmental and Social Safeguard & Gender and Training Program:

Activities of Strengthening of Institutional Capacity (see Subsection 3.9) Environmental Safeguards (see Subsection 5.1), Resettlement (see Subsection 5.2), Implementation of Gender Action Plan (see Subsection 5.3) and Assessment of Project Performance through PPMS (see Section 4).

**FIGURE 3.1**  
**TWO NEW PROPOSED LANDFILL SITES FOR KAMPOT (SITE AA)**





### 3.2 PROJECT MANAGEMENT and IMPLEMENTATION UNIT

Since approval on 13 November 2015 and the declaration of effectiveness on 29 February 2016 for project implementation the MPWT has established a Project Management Unit (PMU) at the national level and a project Implementation Unit (PIU) at the provincial level. The composition of the PMU and PIU and the role of each of the members is as shown in **Appendix 1**.

The work plan and implementation schedule were jointly reviewed and updated during ADB mission on 14-15 June 2017. Due to revisions to contract awards and disbursement projections the procurement plan has been updated to reflect the current work plan and schedule. Following a joint review and discussion, the update work plan and implementation schedule is shown in **Appendix 2**.

### 3.3 PROJECT MOBILIZATION and REMOBILIZATION

The contract for the consulting services package for the project has been awarded, and the Project Implementation Support and Capacity Building (PISCB) consultant is continuing to mobilize and remobilize both international and national inputs as are required for the works.

VO3 was approved by ADB on 22 February 2019. Additional funds (reallocation) will be required for VO4 and to monitor the costs of the overruns as all works packages have not yet been awarded.

During the reporting period the International and National Consultants who worked during Q1 2019 for subprojects in Kampot and Sihanoukville are listed **Table 3.1** below:

**TABLE 3.1**  
**STAFF MOBILIZATION**

| No.           | Name                      | Position   | Input used in Q1 2019 |
|---------------|---------------------------|--|-----------------------|
| International |                           |  |                       |
| KI-1          | Mr. Christopher Mark Dunn | Team Leader/Municipal Engineer                                     | 2.13                  |
| KI-7          | Mr. Rolando T. Soncuya    | Resettlement Specialist  | 0.57                  |
| National      |                           |  |                       |
| KN-1          | Mr. Taing Sophanara       | Deputy Team Leader and Engineering and Procurement Specialist No.1 | 2.57                  |
| KN-9          | Mr. Chea Mong             | Environmental Specialist   | 1.00                  |
| KN-10         | Mr. Mel Sophanna          | Resettlement Specialist  | 2.10                  |

### 3.4 PROCUREMENT

The Project involves the procurement of: (i) civil works with an estimated amount of \$24.39 million; (ii) project implementation and capacity development, \$3.58 million; and (iii) goods and equipment, \$0.61 million.

MPWT and the consulting team combined the Kampot wastewater collection (CW01a) and urban drainage (CW01b) in one package CW01 which is sub divided into two parts ie CW01a and CW01b (in the Bills of Quantities these are Part 2 and Part 3 with Part 1 forming



the Preliminaries and General items associated with Parts 2 and 3). There were budget shortfalls and after reviewing some parts of the subproject components were adjusted.

### **3.4.1 Contract Award and Completed Contracts**

There were some activities for procurement work during the reporting period. As of 31 March 2019, the completion of recruitment Consulting Services, signed contract document and Office renovation. Reviewed bid documents for the Second GMS Corridor Towns Development Project are shown below:

1. Consulting Services:
  - Completed recruitment of Consulting Services for: Project Management and Implementation Support, Detailed Design and Construction Supervision (Package 1) and Capacity Building (Package 2).
  - Completed recruitment of National Financial management specialist and National Procurement specialist.
2. Civil Works:
  - CW01, Kampot Wastewater Collection and Treatment, and Drainage and Sewerage: Detailed engineering design (DED) and bid documentation has been prepared and finalized. Invitation to Bids were issued on 9 August 2018 and closed on 27 September 2018. The bid evaluation report (BER) was submitted to ADB on 10 November 2018. ADB has carried out a review of the BER however contract award is still pending as items relating to social safeguards are still outstanding (refer to paragraph 12). Bid validity has been extended to 25 April 2019. The Mission notes the current bid validity and bid security period may need to be extended.
  - CW03: Sihanoukville Urban Drainage. It is currently known that the bid evaluation is complete, and the ADB gave no objection to the Bid Evaluation Cost (BEC) sent by PMU in November 2018. The Contract for CW-03, Sihanoukville Urban Drainage was signed on 03 April 2019.

Status of Contract Awards is shown in **Appendix 5**

### **3.4.2 Procurement Plan**

The procurement plan was jointly reviewed and updated during ADB mission on December 07 – 14, 2016. Due to EA provided detailed cost estimates for office repairs, office equipment and furniture proposed for the PMU and the two PIUs in Sihanoukville and Kampot. Following a joint review and discussion, these items were included in the goods and works table in the procurement plan was prepared and agreed upon by the EA and ADB, the update procurement plan is shown in **Appendix 6**.

## **3.5 PROJECT IMPLEMENTATION SUPPORT AND CAPACITY BUILDING (PISCB)**

Contract No. ICB/MPWT/PMU/CTDP1/001 between the Ministry of Public Works and Transport and NJS Consultants Co., Ltd. in Joint Venture with CEST incorporated and Key Consultants (Cambodia) Ltd. was signed on October 14, 2016. The consultant began mobilizing the consulting team by November 18, 2016.

Activities of the PISCD Consultant included assisting the PMU with Procurement, Detailed Engineering Design, Strengthening of Institutional Capacity, Environmental Safeguard, Resettlement, Implementation of Gender Action Plan, and Assessment of Project Performance through PPMS.

The PISCB Consultants assisted PMU in the preparation of this Quarterly Report.



### 3.6 CONSULTING SERVICES

The consulting services will provide support during Project implementation, the following consultants are engaged: (i) Project Implementation Support and Capacity Development (PISCD), (ii) Procurement Specialist, and (iii) Financial Specialist. The Financial and Procurement Specialists, who are directly contracted by the PMU, are responsible for the preparation of quarterly financial management reports, and procurement reports, respectively.

### 3.7 ADOPTION AND IMPLEMENTATION OF THE SLEDP (OUTPUT 1)

SLEDPs for each town have been prepared based on a technical assessment of potential investments in the strategic context of the GMS economic corridors, and stakeholder consultations and discussion at the provincial and town level, which were all prepared in 2011. These were reviewed by the relevant Government agencies and provincial authorities and adopted by these agencies/authorities by December 2016.

There were activities related to Public-Private Partnership (PPP) Initiatives during the 4th Quarter 2018. The proposed PPP projects include Dry Ports and Ports in Kampot and Sihanoukville. Based on SLEDPs in each town and interviewed with PIUs, dry port and logistics facility are described in the table 3.2 below:

**TABLE 3.2**  
**DRY PORT AND LOGISTICS FACILITY**

| No. | Town          | PPP   | Remark  |
|-----|---------------|---|---|
| 1   | Kampot        | 3 ports and 1 special economic zone                                   | Five years development plan and PIU interview |
| 2   | Sihanoukville | 1 international port, 2 ports, 1 dry port and 1 special economic zone | Five years development plan and PIU interview |

The capacity building program will be managed by the Urban Planning Specialist, who will, in turn work closely with the DPI/PDPWT/PIUs and the other specialist in the capacity program team. The specialist also liaises with and consults key community stakeholders and public on important planning issue. The following activities will be performed:

1. Review the recommendations in the SLEDPs so that priorities in the MTIP can be confirmed or adjusted accordingly and that the SLEDPs consider poverty, social and gender issues in its strategic planning. Potential sources of funding from government, donor agencies, the private sector and the communities will be identified with links with these funding sources will be developed and further strengthened. Where appropriate, feasibility studies and plans to support funding request will be prepared.
2. Make recommendations, prepare plans and work closely with DPIs to achieve the improvements in the business development climate. In actualizing the recommendations, it is important that the plans include organizational frameworks, implementation mechanisms and incentives, as well as measures to increase marketing capacity.
3. Thereafter, prepare training plans for PDPWT/PIUs on improving the business development climate and assist in the implementation of appropriate capacity



building to increase marketing capability, taking into account known resource constraints at provincial and town levels.

4. Provide advice and training to improve capacity in urban planning and urban design related issues with the PIUs in both towns. In this connection, training materials will again be prepared.
5. Assist in the preparation the concept, “Green City Action Plans”

### 3.8 IMPLEMENTATION OF PRIORITY URBAN INFRASTRUCTURE INVESTMENTS (OUTPUT 2)

At the end of the reporting period the urban infrastructure contract to provide sewerage infrastructure and treatment, together with drainage works, in Kampot had been recommended for award by the ADB subject to the resolution of environmental and resettlement issues. For the drainage contract in Sihanoukville only minor resettlement issues remain prior to contract award.

The Detailed Engineering Design documents, preparation of the BoQ and specification for two subprojects (CW02 and CW04) are waiting upon land availability in Kampot and for MoE environmental approval in Sihanoukville.

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

**TABLE 3.3**  
**SUBPROJECTS AND READINESS**

| Package | Subproject  | Readiness  |
|---------|---|--|
| CW01    | Kampot Wastewater Collection and Treatment, and Urban Drainage. | It is currently envisaged that the bid evaluation was completed, and recommendations made for contract awards during Q2 2019.  |
| CW02    | Kampot Solid Waste Management.                                  | The current status of the new proposed landfill site AA in Kampot is and ongoing negotiation between land owners and GDR of MEF. Follow up with PIU, PMU, and GDR of MEF on land acquisition it is understood that acquisition will be soon. |
| CW03    | Sihanoukville Urban Drainage                                    | It is understood contract award will be made on 5 April 2019   |
| CW04    | Sihanoukville Solid Waste Management                            | DED of solid waste management in Sihanoukville will be implemented soon now the reduced scope has been accepted as additional budgets will not be made available.  |

### 3.9 STRENGTHENING OF INSTITUTIONAL CAPACITY and COMMUNITY DEVELOPMENT

The capacity development program is intended to ensure smooth implementation of urban infrastructure and to provide sustainable capacity development. The contract with NJS Consultants Co., Ltd in Joint Venture with CEST Incorporated and Key Consultants (Cambodia), Ltd. was signed on 14 October 2016.

Capacity Building and Training Specialists, both International and National, were mobilized during February 2018, PISCB capacity building and training specialists conducted training



needs assessment (TNA) workshop and meetings with stakeholders in Kampot and Sihanoukville, drafted evaluation of training course and preparing TNA report.

No Training program was conducted during the report period, next quarter International and National Training Specialists will prepare training schedule and training program will be conducted.

### **Capacity Building and Training Activities in Package 1**

Package 1 is the “Project Management and Implementation Support, Detailed Design and Construction Supervision “package where a range of specialists and consultants, working under the guidance of the Team Leader / Municipal Engineer and assisted by two Deputy Team Leaders, will assist the EA, PMU and PIUs with detailed design and construction supervision of civil works, compliance with ADB policies and operational requirements (including social and environmental safeguards monitoring and compliance) and provided project management and administrative support to the PMU and PIUs.

Capacity building activities are also integrated into the execution of the project, that is, in project implementation and operation and maintenance of the constructed infrastructure, thus providing an integrated approach to capacity building and incorporating and addressing all possible stakeholders in an adequate way in each phase of the project. A summary of these Capacity Building activities is presented in **Table 3.4**.

**TABLE 3.4**  
**CAPACITY BUILDING PROGRAM PACKAGE 1 ACTIVITIES**

| <b>No.</b> | <b>Activity name</b>                        | <b>Expert</b>    | <b>Description</b>  | <b>Target Group</b>                      |
|------------|---|------------------|---|--|
| P1.1       | Project Management and oversight            | KI-1             | Design program for initial training on project management & oversight | PIUs                                     |
| P1.2       | Financial Management Training               | KI-2             | Loan disbursement procedures and financial practices of ADB projects  | PIUs and PMU<br>INPUT NO LONGER REQUIRED |
| P1.3       | Project Performance Monitoring Training     | KN-3, KI-5, 6, 7 | Training on project requirement for Monitoring and Evaluation         | EA, IA, PMU, PIU and stakeholders        |
| P1.4       | Solid Waste Management Training             | KI-3             | On-the-job training of PIUs managed landfill sites                    | PIU landfill site managers               |
| P1.5       | Manual Outline for Operate & Maintain       | KI-4             | Preparation manual outline for O&M Kampot WWT plant, road drainage    | PIU technical staff and management       |
| P1.6       | Environmental Workshop & Seminars           | KI-6 KI-8, 10    | Capacity building for PMU/PIUs Community awareness campaigns          | PMU, PIUs, stakeholders, community       |
| P1.7       | Grievance Mechanism Training (Resettlement) | KI-7             | Training on Grievance Mechanism                                       | PMU, PIUs staff, other officials         |
| P1.8       | GAP training, Social Development, Gender    | KI-8             | Training courses, awareness, campaigning                              | PMU, PIUs, stakeholders, community       |

Note: KI =Key expert International, KN= Key expert National

### **a) Capacity Building and Training Activities in Package 2**

Capacity Building in Package 2 supports capacity-building for project stakeholders, including provincial and municipal administrations (with a focus on PDPWT) as well as relevant local stakeholders that may play a role in the provision of urban services, including NGOs/CSOs, the business community, residents and the heads of local communities (sangkats). Women,



including through representation from the Cambodian Women’s Development Association, will be a key focus. This capacity building will cover three key areas:

**Area 1: Implementation and O&M for project investments**

The first capacity building area is on the implementation and O&M for project investments, focusing on improving the capacities of key provincial agencies to implement the subprojects and strengthen their capacities for O&M of the facilities constructed and financed by the ADB loan.

**Area 2: Sustainable Livelihoods Development and Community Awareness**

Community development involves working alongside people in the communities to help build relationship with key people and organizations. It necessitates an approach that facilitates coordination and collaboration among local community stake holders to identify common concerns in order to bring about social inclusion and equity.

**Area 3: Refinement and Implementation of SLEDPs**

The urban planning initiatives focuses on recommendations as contained in the Medium-Term Investment Program (MTIP) of both towns which are now experiencing intensified development activities. Higher levels of private sector investments in various sectors are expected, thus placing increasing pressure on essential existing infrastructure and services. The approach is to manage urban expansion by fostering competitiveness, innovation, social inclusion and environmental sustainability by balancing the various social, cultural, economic and physical needs of the towns when leading the implementation of the strategic local economic development plans. A summary of Capacity Building activities in Package 2 is presented in **Table 3.5**.

**TABLE 3.5**  
**CAPACITY BUILDING PROGRAM PACKAGE 2 ACTIVITIES**

| N o. | Description of Capacity Building Topic | Work Progress (%)                                      |  |   |         | Initial Date of delivery of available materials |
|------|--|--|--|---|---------|---|
|      |  | Area 1: Implementation and O&M for project investments | Area 2: Sustainable Livelihood Development and Community Awareness | Area 3: Refinement and Implementation of SLEDPs | Overall |   |
| 1    | Community Dev.                         | 50   | 50   | 50  | 50      | July 2018                                       |
| 2    | Business Mgt.                          | 70   | 75   | 75  | 73      | July 2018                                       |
| 3    | Municipal Finance                      | 70   | 75   | 75  | 73      | July 2018                                       |
| 4    | Gender Action Plan                     | 52   | 52   | 52  | 52      | Sept. 2018                                      |
| 5    | Managed Landfill                       | 0  | 0  | 0   | 0       |   |
| 6    | Urban Planning                         | 0  | 0  | 0   | 0       |   |

Note: Training activities cannot be recommenced completed until VO3 approved and signed

**b) Campaigning**

There are many focus areas of awareness and campaigning activities included in the Project. In order to achieve a durable change in behavior to improve the living environment of the population in Kampot it is essential to embark on a long-lasting awareness and



campaigning program using a variety of media to reach all generations, rich and poor. A summary of campaigning activities is presented in **Table 3.6**.

**TABLE 3.6**  
**SUMMARY OF CAMPAIGNING ACTIVITIES IN THE TORS**

| No. | Activity name  | Expert         | Description  | Target Group  |
|-----|--|----------------|--|---|
| 1.4 | Solid Waste Management   |                |  |   |
| 1   | Awareness activities   | KI 3           | Positive/attractive presentations of PMU's mission and duty, participate meeting on advantages of an efficient municipal solid waste service to improve living conditions in villages, dissuade habitants to burn their wastes | Community level all citizens of project towns   |
| 1.6 | Environmental Workshop and Seminars  |                |  |   |
| 2   | Community awareness campaigns on environmental sustainability and conservation themes          | KI 6, 8, 10    | 10 community awareness and dissemination campaigns in each town  | Community level all citizens of project towns   |
| 3   | Clean City campaigns on solid waste collection at community level                              | KI 6, 8, 10    | Campaigning on solid waste collection  | Community level all citizens of project towns   |
| 1.8 | GAP training Social Development and Gender   |                |  |   |
| 2   | Develop livelihoods, social development,   | KI 8           | Community information and awareness and mobilization campaigns   | Community levels all citizens of project towns emphasis on urban poor and disadvantaged hh. |
| 2.5 | Community Development  |                |  |   |
|     | Training on gender sensitization, environmental sanitation, social risk human trafficking, etc | KI-10 and KI-8 | Pilot studies, concept notes assist in stimulating the role of women   | Communities, unskilled women  |

Note: KI= Key expert International

Cost estimates for the commune level gender sensitization activities, the Information Campaign on Environmental Sustainability and Conservation, Project Stakeholders on the Social Risk Affecting Vulnerable Women, Human Trafficking and Prostitution and PIU training on Survey Methodologies, have been prepared.



## SECTION 4 PROJECT PERFORMANCE

### 4.1 GENERAL

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

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

### 4.2 ASSESSMENT OF RISKS

Risks are the external factors which cannot be controlled by the project manager or the executing agencies, but which influence the success of project implementation. These are identified in the DMF. The assessment of risks is presented in **Appendix 7**.

### 4.3 PROJECT PERFORMANCE AGAINST THE TARGETS SET OUT IN THE DMF

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

The Project's performance against the targets set out in the DMF is reported in **Appendix 8**. As of 31 March 2019, assessments of progress toward achieving Outputs 1 are being carried out since the activities toward attaining these outputs have commenced and are ongoing, Outputs 2, Outputs 3 and Outputs 4 have not yet implemented, Outcome, however, can only be assessed upon completion of subprojects and during their operation.

### 4.4 PROJECT IMPLEMENTATION AND PERFORMANCE M&E FRAMEWORK MATRIX

Project Implementation M&E Framework Matrix and Project Performance M&E Framework Matrix are designed based on the Design and Monitoring Framework, M&E framework matrix are shown in **Appendix 9**.



## SECTION 5 COMPLIANCE WITH SAFEGUARDS AND COVENANTS

### 5.1 ENVIRONMENTAL SAFEGUARDS

There were activities related to Environmental Safeguards during Q1 2019. The PISCD Environment Specialists were mobilized and undertook the following activities:

#### MOE:

The covenants require the project to be implemented in line with the Ministry of Environment (MOE) requirements for Environmental Impact Assessment (EIA). MOE approval is required for the Wastewater Collection and Treatment, Urban Drainage in Kampot, Urban Drainage in Sihanoukville and Solid Waste Management for both landfills (Kampot and Sihanoukville), and the progress activities as following:

- The IEIA report (Khmer) on Wastewater Collection and Treatment and Urban Drainage in Kampot had been revised following comments from inter-ministry meeting on 05-12-18.
- The IEIA report (Khmer) on Urban Drainage in Sihanoukville has been revised followed comments from inter-ministry meeting on 28-12-2018.
- Submit IEIA report (Khmer) on control landfill subproject in Sihanoukville to MOE on 11 March 2019, and completed on 29 March 2019 and waiting approval in principal from MOE.
- The consultant received a comment letter on IESIA for subproject of Urban Drainage and Wastewater Collection and Treatment from Department EIA/MoE on 18 March 2019, the Consultant is currently updating the final submission and will submit to PMU, then further submit to MoE in order to issue a letter for contract environmental protection.

#### ADB:

The consolidated IEE covering all subprojects in both towns (Kampot and Sihanoukville) is being updated to reflect changes in scope, location and recent public consultation and will be finalized next quarter.

Preparation of training material on Environmental Management and Monitoring Plan, and will conduct training to PMU, PIUs, site engineers, contractors and stakeholders in both towns, at the end of April 2019.

### 5.2 RESETTLEMENT

The International and National Resettlement Specialists were mobilized in Q2 of 2017. The PISCD Social Safeguards and Resettlement Specialists have carried out field investigations on subproject sites and have held meetings and discussions with PMU, IRC/MEF about the resettlement policy. A start has been made on drafting the Kampot and Sihanoukville resettlement plans and preparing an affected household's database and updated resettlement report.

The International Resettlement Specialist remobilized on November 5, 2018 to prepare Due Diligence Reports (DDR) for the Sihanoukville subproject and update the resettlement plan for the Kampot subproject which will be finalized after the provision of the DMS results. The International and National Resettlement Specialist prepared and completed the due diligence report (DDR) for Kampot and Sihanoukville subprojects and submitted to GDR on 28 November 2018 and 03 December 2018.



The current draft resettlement plan for the Kampot subproject includes UD line 4b. Other sections of UD and Waste Water collection had a DDR prepared due no significant resettlement impact.

As the landfill is under the process of land acquisition, it is advised that the landfill site will be acquired through negotiated settlement. A separate report on the landfill will be prepared later. This ensures the CW01 package is not held up by any delays with the landfill works.

The National consultant worked on DMS Data provided by GDR who prepared tabulated data to provide to the International consultant to prepare the Updated Resettlement Plan (URP).

Land acquired for WWTP under negotiated settlement requires that a 3<sup>rd</sup> party validation report has to be prepared. The DDR for UD and Waste Water connection system has been completed.

Submission of the revised final reports on Land Acquisition and Resettlement for Involuntary Resettlement impact for category C subprojects (as DDR) for Sihanoukville Urban Drainage and Kampot Wastewater Collection and Treatment and Urban Drainage subprojects which included all comments from GDR, dated 7 Feb 2019.

On March 06, 2019, National Resettlement Specialist and PISCB Consultants conducted a field visit at SHV existing dump site and new proposed land field to update the information on waste pickers and land ownership where waste pickers settlement near the existing dump site. The resettlement specialist prepared a field report to document the current situation.

The tabulation was submitted by the IRC working group to PISC resettlement team. Summary of impacts includes the following (see in Table 5.1).

**TABLE 5.1  
SUMMARY OF LAR IMPACTS**

| Components                          | Area of Affected (m <sup>2</sup> ) | Type of Land           | Structures                        | Trees   | No. of AHs | No. of APs | Status of Impact              |
|-------------------------------------|------------------------------------|------------------------|-----------------------------------|---|------------|------------|-------------------------------|
| Solid Waste Management              | N/A                                | N/A                    | N/A                               | N/A   | N/A        | N/A        | Waiting                       |
| Wastewater Collection and Treatment | 101,178                            | Agriculture land       | 00                                | 00  | 00         | 00         | Land bought by MEF            |
| Urban drainage                      | 350                                | Residential land (ROW) | 14 main & 19 secondary structures | 58 Trees (coconuts, Mangos and sour soup trees) | 31 AHs     | 136 APs    | 9 entirely, 24 partially lost |

The Status of Environmental and Social Safeguard Works is shown in **Appendix 10**.

### 5.3 IMPLEMENTATION OF GENDER ACTION PLAN

The International and National Social development and Gender Specialists were mobilized in Q4 of 2017, the report from the International Specialist was received by the PISCB consultant on 4 March and sent to the ADB on 12 March 2018.

No activity during the report period, the activities of gender action plan last quarter is described as following:



Accomplishment of International Community Development Specialist (ICDS) for the Progress Report of PISCB and Gender Specialists updated the implementation gender action plan and proposed carrying out the following activities:

**Accomplishments (Jul-Sep 2018)**

- Translated part of SLEDP from Khmer to English for both Kampot and Sihanouk. The translation SLEDP including part of socio-economic situation, challenges, and development framework. The International and National Social and Gender Specialist will provide inputs in the development of the SLEDP by the next quarter.
- The gender team has prepared the livelihood skills training concept design/strategy including the budget not only for the waste pickers but also for the vulnerable group, including the youth (males and females), and men and women in the project communities.
- A Socio-Economic Survey design activity was developed. This will be used to update and establish the SES/ livelihood and other demographic profile of the project areas.
- Gather information on GAP implementation progress and indicate results in a Gender Field Report and prepare progress report of GAP; Gender action plan are shown in **Appendix 11**.

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

There are 20 key loan covenants, out of which eight (8) are complied with, five (5) are complied, three (3) are ongoing, three (3) are not yet due and one (1) is partly for compliance. The list of covenants under relevant categories and their status of compliance as of March 31, 2019 are provided in **Appendix 12**.

The status of compliance with the Risk Assessment and Risk Management Plan is presented in **Appendix 13**.



## SECTION 6

### MAJOR PROJECT ISSUES AND PROBLEMS, AND ACTIONS TAKEN

The major project issues and problems encountered, and actions taken during Q1 2019 were:

| Issues/Problems  | Action Taken   |
|--|--|
| <b>Kampot</b>  |  |
| The new proposed landfill site (Figure 1) acquisition is still being negotiated between the land owner and GDR/MEF. The detailed engineering design of the managed landfill in Kampot has been delayed due to no land, and it is not known when it can the detailed engineering design (DED) can commence. | A new proposed landfill site (Figure 1) should be acquired soon. The topographical survey and geotechnical survey are needed before preparing the DED. The time delay to the solid waste management subproject DED and bidding is dependent on the land acquisition. |
| In Kampot, action taken should include the engagement of an independent third party to commence the process of due diligence for the negotiated settlement process.  | For Kampot WWTP, an independent third party for land acquisition has been engaged by GDR and addressed issues raised by the ADB  |
| <b>Sihanoukville</b>   |  |
| PISCB Consultant is awaiting confirmation of the approval on reducing scope (as limited budget) for developing managed landfill in SHV from ADB.   | The approval on reducing the scope (due to limited budget) for developing managed landfill in SHV from ADB has been confirmed. Funding for certain aspects of the works might be needed.   |
| Physical work of Sihanoukville Urban Drainage Not yet started, because IEIA not yet approved in principal by MOE.  | Follow up a copy of the approved IEIA from MOE and will be forwarded to ADB for records.   |



## SECTION 7 ACTIVITIES FOR THE NEXT QUARTER

**TABLE 7.1  
WORK PLAN FOR NEXT QUARTER (1ST QUARTER 2019)**

| Main Task                                   | Activities to be Carried out  | Responsible   | Agreed Due Date |
|---|---|---|-----------------|
| New landfill site in Kampot                 | <ul style="list-style-type: none"> <li>- Follow up with KP's PIU, PMU, and GDR of MEF on land acquisition.</li> </ul>   | GDR, & PMU  | Q2 2019         |
| Landfill site in Sihanoukville              | <ul style="list-style-type: none"> <li>- Commence detailed design once PMU and ADB official confirmation of works.</li> <li>- Follow up with PIU to ensure no one has encroached into the approved land lot.</li> </ul>   | ADB, PISCB consultant & PMU<br>SHV's PIU, PMU, PISCB consultant | Q2 2019         |
| IEE and IEIA Report                         | <ul style="list-style-type: none"> <li>- Updated IEE report as required;</li> <li>- Follow up with MoE on reviewing process for getting approval in principal on IEIA in Khmer.</li> </ul>  | PISCB consultant, PMU, and KCC IEIA study team                  | Q2 2019         |
| Resettlement works                          | <ul style="list-style-type: none"> <li>- Work closely with GDR to prepare report on Resettlement Plan for Kampot drainage (Line 4b).</li> <li>- Cooperate with GDR to negotiate settlement with third party and report.</li> <li>- For UD Line 4b, Preparing Detailed Resettlement plan (DRP).</li> </ul> | PISCB consultant/<br>Resettlement specialists                   | Q2 2019         |
| Construction Supervision Manual             | Organize once again instruction to Engineers on Construction Supervision before the construction starts (if necessary) and after receipt of all Contract Documentation.   | PISCB consultant  | Q2 2019         |
| Implementing package 2 on capacity building | Develop training material and conduct training for capacity building to PMU members and PIU members in both towns   | PISCB consultant  | Q2 2019         |
| Procurement                                 | <ul style="list-style-type: none"> <li>- Kampot Wastewater Collection and Treatment, and Urban Drainage the contract will be signed with the contractor</li> <li>- Sihanoukville urban drainage the contract will be signed with the</li> </ul>   | PMU, and Procurement specialist                                 | Q2 2019         |



| Main Task                                     | Activities to be Carried out  | Responsible   | Agreed Due Date |
|---|---|---|-----------------|
|   | contractor  |   |                 |
| Detail design of Solid Waste Management (SWM) | <ul style="list-style-type: none"><li>- The detailed design of Kampot SWM can only be started after purchase of the new landfill site and finishing the topographical and geotechnical surveys;</li><li>- The detailed design of Sihanoukville SWM can be started after MoE approval.</li></ul> | PIU/PMU, GDR of MEF, ADB, and PISCB consultant                |                 |
| Gender  | <ul style="list-style-type: none"><li>• Preparation training on Gender Sensitization and Awareness for PMU, PIU, Community Leaders, and relevant consultant and/or stakeholders.</li><li>• Monitor PMU/PIU gender balance in staffing pattern.</li></ul>  | PISCB National Consultant and International Gender Consultant | Q2 2019         |
| Others  | <ul style="list-style-type: none"><li>- Prepare monthly report;</li><li>- Prepare a letter of request to PMU for staff mobilization of Site Engineers, Training Specialist, Community Development Specialist and Gender Specialist (if necessary).</li></ul>                                    | PISCB consultant  | Q2 2019         |



**APPENDIX 1**  
**KEY MEMBERS OF PROJECT MANAGEMENT UNIT**  
**AND PROJECT IMPLEMENTATION UNITS**

**1.Key Members of Project Management Unit**

| No. | Name of member      | Role and responsibility                | Phone Number |
|-----|---------------------|--|--------------|
| 1   | H.E. Vong Pisith    | Project Director                       | 012 833 411  |
| 2   | Mr. Pou Manith      | Responsible for Procurement            | 012 803 203  |
| 3   | Miss. Chhoun Sovady | Responsible for Financial              | 011 568 283  |
| 4   | Mr. Eang Daravuth   | Responsible for Technical              | 012 330 166  |
| 5   | Mr. Nop Keilarith   | Responsible for Social and Environment | 012 789 921  |
| 6   | Mr. Vong Rada       | Responsible for Urban Planning         | 012 451 545  |
| 7   | Mr. Eab Visoth      | Responsible for Resettlement           |              |
| 8   | Mr. Chok Borith     | Responsible for Administration         |              |

**2.Key Members of Project Implementation Units**

| No.      | Description               | Role and responsibility   | Phone Number |
|----------|---------------------------|---|--------------|
| <b>A</b> | <b>Kampot PIU</b>         |   |              |
| 1        | Mr. Thorn Saravuth        | Deputy director of DPWT, Chief PIU                                      | 012 330 166  |
| 2        | Mr. Veth Vathana          | Chief of multi-sector office of provincial hall, Vice chief PIU         | 012 449 536  |
| 3        | Mr. Tauch Channsereyboth  | Officer of DPWT, Technical PIU  | 012 907 790  |
| 4        | Mr. Seth Kosal            | Officer of DPWT, Technical PIU  | 012 277 477  |
| 5        | Miss. Tauch Meakthoura    | Officer of DPWT, Financial PIU  | 012 969 707  |
| 6        | Mr. Pov Vanntha           | Officer of DPWT, Urban Planning   | 016 337 791  |
| 7        | Mr. Seng Vutha            | Deputy governor of Kampot City, Administration PIU                      | 017 777 456  |
| 8        | Miss. Tho Phearun         | Officer of multi-sector office of provincial hall, Social & Environment | 010 234 188  |
| 9        | Mr. Ith Sary              | Vice chief office of provincial hall, Solving Impact                    | 097 797 4777 |
| <b>B</b> | <b>Preah Sihanouk PIU</b> |   |              |
| 1        | Mr. Nop Heng              | Director of DPWT, Chief PIU   | 012 453 006  |
| 2        | Mr. Chrea Tharavuth       | Deputy director of DPWT, Vice chief                                     | 012 892 253  |
| 3        | Mr. Lim Sran              | Deputy director of DPWT, Technical                                      | 016 572 946  |
| 4        | Mr. Chrea Thavrith        | Officer of DPWT, Technical PIU  | 012 988 573  |
| 5        | Mr. Heng Bunthean         | Officer of DPWT, Financial PIU  | 093 212 199  |
| 6        | Mr. Pich Pheary           | Officer of DPWT, Urban Planning   | 016 864 465  |
| 7        | Mr. Yos Chamnan           | Officer of DPWT, Administration   | 086 799 697  |
| 8        | Mr. Nhem Sidoeun          | Officer of DPWT, Social & Environment PIU                               | 016 898 032  |
| 9        | Mr. Soun Sopheap          | Officer of provincial hall, Solving Impact PIU                          | 016 995 931  |



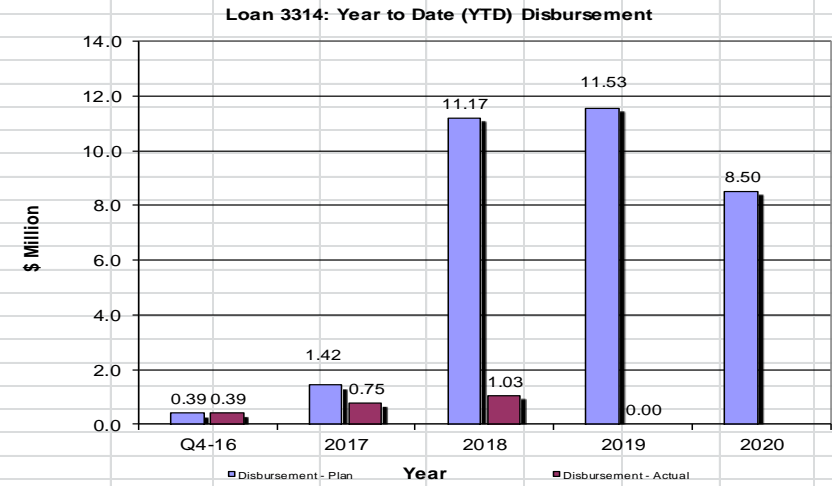
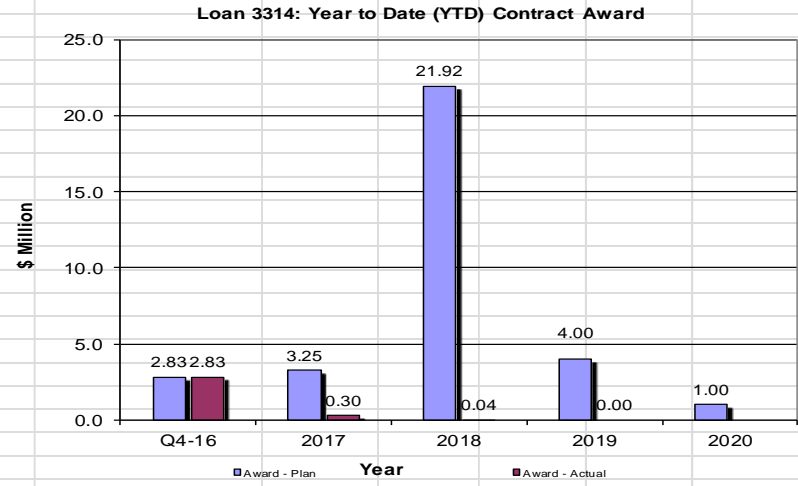
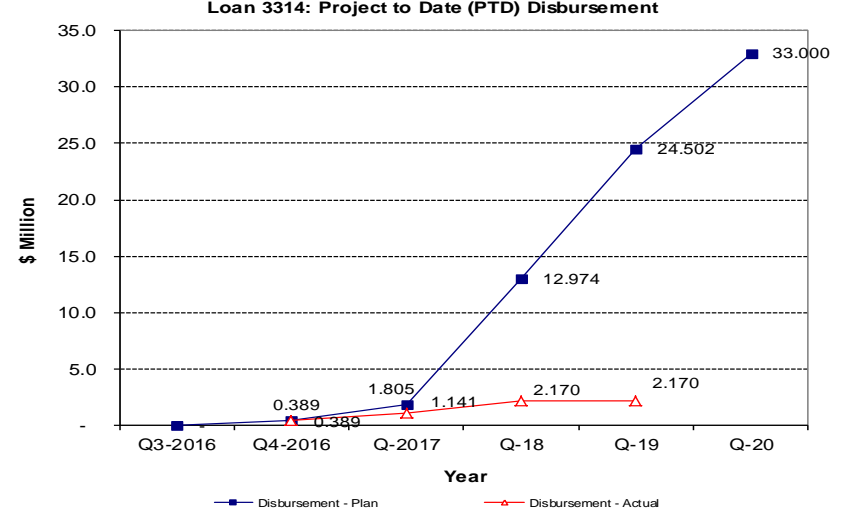
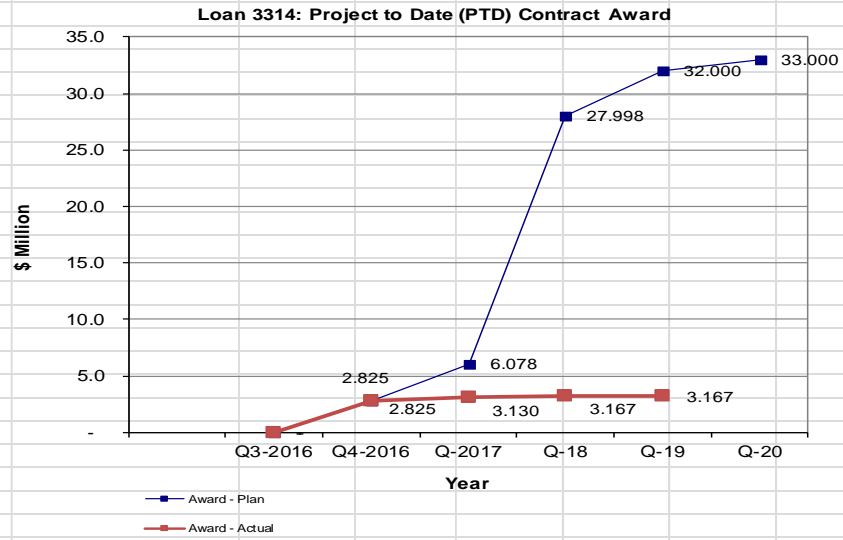
## APPENDIX 2 OVERALL PROJECT IMPLEMENTATION PLAN

| Project Implementation Schedule (Review of July 2018)                                 |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
|---|-------------------|----------|-------|----------|-------------|-----|-----|-------------|-------|-----|-------------|------|-----|-------------|-----|-----|-------------|-----|-----|
| Key Milestones  | Project Component | Dates    |       |          | 2018        |     |     |             |       |     |             |      |     |             |     |     | 2019        |     |     |
|   |                   | Duration | Start | Complete | 1st Quarter |     |     | 2nd Quarter |       |     | 3rd Quarter |      |     | 4th Quarter |     |     | 1st Quarter |     |     |
|   |                   |          |       |          | Q4          | Jan | Feb | Mar         | April | May | June        | July | Aug | Sept        | Oct | Nov | Dec         | Jan | Feb |
| <b>Contract CW01 - Wastewater Collection &amp; Treatment and Urban Drainage (ICB)</b> |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>1A. Detailed Engineering Design</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| a. Topographic Surveys  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| b. Geotechnical Testing   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| c. Preliminary Design   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| d. Detailed Design  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| e. Tender Documents   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| f. Environmental Issues   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Presentation of Detailed Design to PMU  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Submission of Draft Bidding Documents to ADB  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| ADB Review, Revisions & Issue of No-Objection   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Approval of Bid Invitation, Avertising, Bidders EOI, etc                              |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>1A.2. Bidding and Award</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Issue & Return Bidding Documents  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Assist in Responding to Bidder's Queries  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Bid Opening   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Preparation of Bid Evaluation Report & Submit to ADB                                  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Assist in Evaluation of Bids  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| ADB Review & Issue of No-Objection  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Notification of Contract Award  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>1B.3. Construction and Implementation</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>Contract CW2 - Solid Waste Management - (NCB)</b>                                  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>ON HOLD</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>B. Sihanoukville – All Subproject Components</b>                                   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>Contract CW3 - Drainage - (ICB)</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>3.1. Detailed Engineering Design</b>   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| 1a. Topographic Surveys   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| 1b. Geotechnical Testing  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| 1c. Preliminary Design  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| 1d. Detailed Design   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| 1e. Tender Documents  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Presentation of Detailed Design to PMU  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Submission of Draft Bidding Documents to ADB  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| ADB Review, Revisions & Issue of No-Objection   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Approval of Bid Invitation, Avertising, Bidders EOI, etc                              |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>3.2. Bidding and Award</b>   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Issue & Return Bidding Documents  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Assist in Responding to Bidder's Queries  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Bid Opening   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Preparation of Bid Evaluation Report & Submit to ADB                                  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Assist in Evaluation of Bids  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| ADB Review & Issue of No-Objection  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Notification of Contract Award  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>3.3. Construction and Implementation</b>   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>Contract CW4 - Solid Waste Management - (NCB)</b>                                  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| <b>ON HOLD</b>  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| Note:   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| ▲ Milestone   |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| — Originally Envisaged/Actual Activity  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| — Originally Planned  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |
| — Currently Envisaged Activity  |                   |          |       |          |             |     |     |             |       |     |             |      |     |             |     |     |             |     |     |





### APPENDIX 3 MASTER SPREADSHEETS CAD PROJECT TO DATE AND YEAR TO DATE





**APPENDIX 4**  
**SUMMARY OF SUBPROJECT COMPONENTS AND COST ESTIMATE**

| Item                                     | Description  | Unit | Feasibility Study |                                 | Preliminary design |                                 | Detailed Engineering Design (DED) |                                 | Bidding Document               |                                 |
|--|--|------|-------------------|---------------------------------|--------------------|---------------------------------|-----------------------------------|---------------------------------|--------------------------------|---------------------------------|
|  |  |      | Quantity          | Cost Estimation in Million US\$ | Quantity           | Cost Estimation in Million US\$ | Quantity                          | Cost Estimation in Million US\$ | Quantity (with adjusted scope) | Cost Estimation in Million US\$ |
| <b>Subprojects in Kampot Town</b>        |  |      |                   | <b>14.56</b>                    |                    | <b>20.40</b>                    |                                   | <b>15.47?</b>                   |                                | <b>11.60<sup>(*)</sup></b>      |
|  |  |      |                   |                                 |                    |                                 |                                   |                                 | <i>Bill No.1</i>               | 1.44                            |
| 1.                                       | <b>Urban Drainage Subproject:</b> Primary Storm Water Drains                   | km   | 7.83              | 1.81                            | 9.41               | 2.10                            | 10.83                             | 3.11                            | 7.73                           | 1.33                            |
| 2.                                       | <b><u>Wastewater Collection and Treatment</u></b>                              |      |                   |                                 |                    |                                 |                                   |                                 |                                |                                 |
|  | WWTP (3,300 m <sup>3</sup> /d)   | set  |                   | 9.74                            | 1                  | 14.70                           | 1                                 | 12.36                           | 1                              | 8.27                            |
|  | Pumping Station  | set  |                   |                                 | 3                  |                                 | 3                                 |                                 | 2                              |                                 |
|  | Force Main   | km   |                   |                                 | 8.34               |                                 | 8.34                              |                                 | 7.10                           |                                 |
|  | Trunk Sewers   | km   |                   |                                 | 16.70              |                                 | 16.97                             |                                 | 9.26                           |                                 |
|  | Collector Sewers   | km   |                   |                                 |                    |                                 | 14,71                             |                                 | 12.25                          |                                 |
|  | Household connection   | set  |                   |                                 |                    |                                 | 3000                              |                                 | 2000                           |                                 |
| 3.                                       | <b>Solid Waste Subproject:</b> Managed Landfill and closure existing dump site | ha   | 17.2              | 3.01                            | 17.2               | 3.60                            | N/A                               | N/A                             | N/A                            | N/A                             |
| <b>Subprojects in Sihanoukville Town</b> |  |      |                   | <b>12.58</b>                    |                    | <b>23.38</b>                    |                                   |                                 |                                | <b>10.08<sup>(**)</sup></b>     |
| 1.                                       | <b>Urban Drainage Subproject:</b> Primary Storm Water Drains                   | km   | 64.1              | 9.68                            | 56,34              | 16.50                           | 64.1                              | 18.78                           | 38.05                          | 11.75                           |
| 2.                                       | <b>Solid Waste Subproject:</b> Managed Landfill and closure existing dump site | ha   | 15                | 2.90                            | 15                 | 6.88                            | N/A                               | N/A                             | N/A                            | N/A                             |

**Note:** (\*) Two subprojects “Urban Drainage” and “Wastewater Collection and Treatment” in Kampot Town form contract CW 01  
(\*\*) Only one subproject “Urban Drainage” in Sihanoukville Town, and with reducing scope to reserve budget for solid waste subproject forms contract CW 03



**Grand summary of contract CW01 –  
Wastewater Collection and Treatment and Urban Drainage in Kampot Town**

| Description Item  | Amount US\$          |
|---|----------------------|
| From Bill Part 1: Preliminaries and General                               | 1,439,960.00         |
| From Bill Part 2: CW01a- WWTP, Force Mains, and Sewerage Pumping Stations | 5,172,535.67         |
| From Bill Part 3: CW01b- Urban Drainage and Sewerage                      | 4,438,914.58         |
| <b>Total</b>  | <b>11,051,410.25</b> |
| Contingency 5%  | 552,570.51           |
| <b>GRAND TOTAL</b>  | <b>11,603,980.76</b> |

**Grand summary of contract CW03-  
Urban Drainage in Sihanoukville Town**

| Description Items                    | Amount, (USD)        |
|--------------------------------------|----------------------|
| BILL No.1: Preliminaries and General | 764,470.00           |
| BILL No.2: Storm Drainage Works      | 8,405,312.33         |
| <b>Total</b>                         | <b>9,169,782.33</b>  |
| Contingency 10%                      | 916,978.23           |
| <b>GRAND TOTAL</b>                   | <b>10,086,760.56</b> |

Cost estimated by PISCB and cost estimated by the contractor in their bid for both CW-01 and CW-03, the total of bidders cost was lower than the EA's estimate by 14% and 21% respectively.

| CW | Subprojects  | Estimate Cost (\$) | Bidders Cost (\$) | % of Decrease Cost |
|----|--|--------------------|-------------------|--------------------|
| 01 | Kampot Wastewater Collection and Treatment and Drainage and Sewerage | 11,603,980.76      | 9,968,776.79      | 14%                |
| 03 | Sihanoukville Urban Drainage   | 10,086,760.56      | 7,991,808.84      | 21%                |



**APPENDIX 5  
STATUS OF CONTRACT AWARDS**

| Contract number | Sub-Project Name                           | Date                                |              |                   |                 |                   |                       |                                       | Remarks   |
|-----------------|--|-------------------------------------|--------------|-------------------|-----------------|-------------------|-----------------------|---------------------------------------|---|
|                 |  | Bid Advertising                     | Bid Opening  | Submission to MEF | Approval by MEF | Submission to ADB | No objection from ADB | Contract awarded                      |   |
| CW01            | Kampot Wastewater Collection and Treatment | 9 Aug.2018<br>(in Phnom Penh Post)  | 27 Sept.2018 | PMU to supply     | PMU to supply   | PMU to supply     | Late of Nov. 2018     |                                       | Waiting<br>- Official approval license of IEIA <sup>(1)</sup><br>- Report from MoE and<br>- Acceptance of DD and RP report from MEF/ADB |
|                 | Urban Drainage                             |                                     |              |                   |                 |                   |                       |                                       |   |
| CW02            | Kampot Solid Waste Management              |                                     |              |                   |                 |                   |                       |                                       | Not yet applicable  |
| CW03            | Sihanoukville Urban Drainage               | 15 Aug.2018<br>(in Phnom Penh Post) | 1 Oct.2018   | PMU to supply     | PMU to supply   | PMU to supply     | Late of Nov. 2018     | Will signed contract on 03 April 2019 | Waiting<br>- Official approval license of IEIA<br>- Report from MoE, and<br>- Acceptance of DD and RP report from MEF/ADB               |
| CW04            | Sihanoukville Solid Waste Management       |                                     |              |                   |                 |                   |                       |                                       | Not yet applicable  |



**APPENDIX 6  
PROCUREMENT PLAN  
Civil Works Contracts Estimated to Cost \$1 Million or More**

| Package Number <sup>5</sup> | General Description                                     | Estimated Value | Procurement Method | Review [Prior/Post] | Bidding Procedure | Advertisement Date (quarter/year) | Comments <sup>7</sup>                                    |
|-----------------------------|---|-----------------|--------------------|---------------------|-------------------|-----------------------------------|--|
| <b><u>Kampot</u></b>        |   |                 |                    |                     |                   |                                   |  |
| CW01                        | Wastewater Collection and Treatment, and Urban Drainage | 9.61            | ICB                | Prior               | 1S1E              | 2/2018                            | No PQ; large works bidding documents Domestic Preference |
| CW02                        | Solid Waste Management                                  | 2.47            | NCB                | Prior/Post          | 1S1E              | ON HOLD                           | SOP  |
| <b><u>Sihanoukville</u></b> |   |                 |                    |                     |                   |                                   |  |
| CW03                        | Urban Drainage  | 9.68            | ICB                | Prior               | 1S1E              | 1/2018                            | No PQ; large works bidding documents Domestic Preference |
| CW04                        | Solid Waste Management                                  | 2.59            | NCB                | Prior/Post          | 1S1E              | ON HOLD                           | SOP  |

1S1E = single stage-one envelope; ICB = international competitive bidding; NCB = national competitive bidding; PQ = prequalification; SOP = Standard Operating Procedure

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

| <b>Goods and Works</b>      |   |                 |                     |                    |                     |                   |                                   |  |
|-----------------------------|---|-----------------|---------------------|--------------------|---------------------|-------------------|-----------------------------------|--|
| Package Number <sup>5</sup> | General Description                                 | Estimated Value | Number of Contracts | Procurement Method | Review [Prior/Post] | Bidding Procedure | Advertisement Date (quarter/year) | Comments <sup>7</sup>                                    |
| G01                         | Equipment for solid waste management.               | 0.61            | 1                   | NCB                | Prior/Post          |                   | 2/2017                            | SOP  |
| G02                         | Supply of 3 units 4WD Double Cabin Pick up Vehicles | 0.12            | 1                   | NCB                | Prior               |                   | 1/2017                            | SOP  |
| G03                         | Office Equipment (PMU/PIU)                          | 0.023           | 1                   | Shopping           | Post                |                   | 1/2017                            | Shopping without advertising per SOP; Awarding in 1/2017 |
| G04                         | Office Furniture                                    | 0.021           | 1                   | Shopping           | Post                |                   | 1/2017                            | Shopping without advertising per SOP; Awarding in 1/2017 |



**Ministry of Public Works and Transport, Kingdom of Cambodia**  
**Second GMS Corridor Towns Development Project**

|      |                                       |       |   |          |      |  |        |   |
|------|---------------------------------------|-------|---|----------|------|--|--------|---|
| CW5  | Office Repair<br>Kampot PIU           | 0.014 | 1 | Shopping | Post |  | 1/2017 | Shopping<br>without<br>advertising per<br>SOP;<br>Awarding in<br>1/2017 |
| CW06 | Office Repair<br>Sihanoukville<br>PIU | 0.008 | 1 | Shopping | Post |  | 1/2017 | Shopping<br>without<br>advertising per<br>SOP;<br>Awarding in<br>1/2017 |

NCB = national competitive bidding; PQ = prequalifications; SOP = Standard Operating Procedure

## 2. Consultant Services Contracts

| Consulting Services |                        |                 |                     |                    |                       |                                   |                  |                     |
|---------------------|------------------------|-----------------|---------------------|--------------------|-----------------------|-----------------------------------|------------------|---------------------|
| Package Number      | General Description    | Estimated Value | Number of Contracts | Recruitment Method | Review (Prior / Post) | Advertisement Date (quarter/year) | Type of Proposal | Comments            |
| CS2                 | Finance Specialist     | 0.065           | 1                   | ICS                | Prior                 | 1/2017                            | EOI              | National Assignment |
| CS3                 | Procurement Specialist | 0.065           | 1                   | ICS                | Prior                 | 1/2017                            | EOI              | National Assignment |

| Consulting Services |   |                 |                        |                    |                                   |  |          |
|---------------------|---|-----------------|------------------------|--------------------|-----------------------------------|--|----------|
| Package Number      | General Description   | Estimated Value | Awarded Contract Value | Recruitment Method | Advertisement Date (quarter/year) | Date of ADB Approval of Contract Award | Comments |
| CS01                | Project Implementation Support, Detailed Design, Construction Supervision (Package 1) and Capacity Building (Package 2) | 3.58            | 2.83 M                 | QCBS               | 4Q 2015                           | 13 October 2016                        |          |



## APPENDIX 7 ASSESSMENT OF RISKS

### MONITORING AND EVALUATION OF RISKS Second GMS: Economic Corridor Towns Development Project

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

Reporting Date: 31 March 2019  
[Quarterly]

Prepared by: Chris Dunn; Consultant Team Leader  
[PMU/PIUs]

| Risk for Outputs  | Mitigated (Y/N) | Rating (HS,S,PS,U) | Assessment of Current Status  |
|---|-----------------|--------------------|---|
| 1. Delay in project start-up and implementation.  | Y               | S                  | Early project implementation was largely on track   |
| 2. Irregularities in procurement and financial management.                                    | Y               | S                  | PRC established in 22.10.2014. DFEC signed for each transaction, and copies of DFEC of winning bidders made part of awarded contracts   |
| 3. Potential archeological finds could cause delays.  | Y               | S                  | No potential archeological finds in subproject areas to date  |
| 4. In Kampot the site for the Land Fill aspects is not available                              | Y               | S                  | Still in negotiation between land owners and GDR of MEF continue for site AA.   |
| 5. In Sihanoukville land for the Land Fill limited budget                                     | Y               | S                  | Reducing scope  |
| 6. In Kampot the site for the WWTP is adjacent to a holiday camp currently under construction | Y               | S                  | Environmental assessment carried out taking into account proximity of holiday camp. Environmental assessment was carried out on Oct 2017 and then the updated IEE and EMP submitted to ADB, after reviewed by international environmental specialist. |

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



**MONITORING AND EVALUATION OF ASSUMPTION AND RISKS**  
Second GMS: Economic Corridor Towns Development Project

*M&E Form no. 7B*  
*June 2015*

Reporting Date: 31 March 2019  
*[Quarterly]*

Prepared by: Chris Dunn; Consultant Team Leader  
*[PMU/PIUs]*

| Risk for Outcome |  |                    | Rating<br>(HS,S,PS,U) | Assessment of<br>Current Status   |
|------------------|--|--------------------|-----------------------|---|
| Risks:           |  | Mitigated<br>(Y/N) | Rating<br>(HS,S,PS,U) | Assessment of<br>Current Status   |
| 1.               | Lack of capacity for project implementation and management.        | Y                  | S                     | Specific training will be provided to all staff of executing & implementing agencies & project implementing units |
| 2.               | Lack of financial sustainability due to non-cost recovery tariffs. | Y                  | S                     | O&M of infrastructure by provincial agencies was strengthened and financed by the ADB loan.                       |

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



## APPENDIX 8 DMF TARGETS VS ACHIEVEMENTS

**PROJECT PERFORMANCE MONITORING AND EVALUATION**  
**Second GMS: Economic Corridor Towns Development Project**

*M&E Form no. 8A*

Reporting Date: 31 March 2019 [Quarterly]

Prepared by: C M Dunn: Consultant Team Leader  
[PMU/PIU member in-charge of M&E/Impact Assessment]

| Indicators<br>(with Baseline and Performance Targets)   | Baseline                            | Achievements/Status<br>(as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance  |
|---|-------------------------------------|--|--|
| <b>Output 1: The SLEDPs developed</b>   |                                     |  |  |
| SLEDPs endorsed by the participating provinces and towns (2015 baseline: final draft SLEDPs completed)  | SLEDP of each town prepared in 2015 | SLEDPs adopted by December 2016                        |  |
| <b>Output 2: Priority urban infrastructure investments implemented</b>  |                                     |  |  |
| 2.1 At least 30% of unskilled laborers employed in subproject construction are women. At least 30% of staff employed in operation and maintenance are women. At least 75% of all unskilled laborers or staff are of local origin (2015 baseline: N/A)<br><br><i>[Updates from CS Consultant and during project construction from Q1 2019 to Q4 2020 onward]</i> | Nil, as construction starts Q2 2019 | Regular implementation in contract document            | Assessment to start from commencement of construction in Q2 2019 up to Q4 2020. Social Development to be mobilised in mid to late October 2017 |
| 2.2 Wastewater treatment capacity of 4,500 cubic meters/day added in Kampot through construction of one new wastewater treatment plant (2015 baseline: 0)<br><br><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i>   | Nil                                 |  | Assessment to start upon completion of construction of WWTP in Q4 2020.  |
| 2.3 15.6 km of drainage trunk mains and 11.4 km of drainage collection mains constructed in Kampot (2015 baseline: 0)<br><br><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i>   | Nil                                 |  | Assessment to start upon completion of construction of drainages in Q4 2020.   |
| 2.4 2,700 new connections in Kampot for wastewater provided with free connection costs (2015 baseline: 0)   | Nil                                 |  | Assessment to start upon completion of construction of WWTP in Q4 2020   |



| Indicators<br>(with Baseline and Performance Targets)   | Baseline   | Achievements/Status<br>(as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance   |
|---|--|--|---|
| <p><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i></p>  |  |  | onwards.  |
| <p>2.5 7.9 km of separated primary storm water drains are constructed or upgraded in Kampot and 64.1 km in Sihanoukville. (2015 baseline: 0)</p> <p><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i></p>  | Nil  |  | Assessment to start upon completion of construction of storm water drains in Q4 2020.   |
| <p>2.6 In Kampot, a new managed landfill is made operational (2015 baseline: N/A).</p> <p><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i></p>  | Nil  |  | Assessment to start upon completion of construction of landfill in Q4 2020.   |
| <p>2.7 In Sihanoukville, the existing dump site is upgraded with improved operations (2015 baseline: N/A).</p> <p><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i></p>  | Nil  |  | Assessment to start upon completion of construction of landfill in Q4 2020.   |
| <p>2.8 8,100 households provided with new or improved solid-waste management collection in Kampot (3,330 households) and Sihanoukville (4,770 households) (2015 baseline: N/A)</p> <p><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i></p>   | The baseline value for the indicator is “nil” since subproject is construction of new facilities       |  | Assessment to start upon completion of construction of new or improved facilities in Q4 2020 onwards.   |
| <p>2.9 100% of informal waste pickers near existing dump sites (2015 baseline: 160 persons) ensured continued access to the landfill and alternative livelihood skills training (2015 baseline: N/A)</p> <p><i>[Updates from TIC, from Q3 2017 to Q1 2020]</i></p> <p>2019 baseline updated: 90 persons of which 48 are woman ( SV: 45 persons of which 19 are woman and Kp: 45 persons of which 29 are woman) ensured continued access to the landfill and alternative livelihood skills training (2019 baseline: N/A)</p> <p><i>[Updated from Social Safeguard Specialist, from Q1 2019 to Q1 2022]</i></p> | waste pickers(2019 baseline: 90 persons) and alternative livelihood skills training (2019 baseline: 0) |  | Training Need Assessment (TNA) was conducted in SHV and KP (Feb and March 2018).<br>Finalize draft of Capacity Building and Training Program Framework Q4 2018. |



| Indicators<br>(with Baseline and Performance Targets)   | Baseline             | Achievements/Status<br>(as of end of reporting period)  | Assessment of Current Progress/ Status & Reason for any Negative Variance   |
|---|----------------------|---|---|
| <b>Output 3: Institutional capacities for managing public investments strengthened</b>  |                      |   |   |
| 3.1 At least 20 persons (30% female) trained in key project management areas (2015 baseline: N/A)<br><br><i>[Updates from TIC, from Q3 2017 to Q1 2020]</i>   | Nil                  | ADB Gap video conference attended<br><br>Need to include ADB GAP requirements in contract documentation appreciated | Training Need Assessment (TNA) was conducted in SHV and KP (Apr and May 2017)<br><br>Finalize draft of Capacity Building and Training Program Framework Q1 2018 |
| 3.2 At least 100 persons (50% female) trained on gender sensitization training for community leaders, government officers, and consultants involved in project implementation and delivery (2015 baseline: N/A)<br><br><i>[Updates from TIC, from Q3 2017 to Q1 2020]</i> | Nil                  | PISCB Social Development specialist mobilized October   | Training Need Assessment (TNA) was conducted in SHV and KP (Apr and May 2017)<br><br>Finalize draft of Capacity Building and Training Program Framework Q1 2018 |
| 3.3 Project implementation units shall target recruitment of 30% female staff, including 20% in decision-making positions (2015 baselines: N/A).  | Nil (Before Project) | 12% (PMU 1 of 8, KP 2 of 9 and SHV 0 of 9)  | As of Q4 2018, women hold 12% of overall staff positions in PMU & PIUs  |
| <b>Output 4: Community awareness on project activities and environmental sustainability improved</b>  |                      |   |   |
| At least 10 community awareness and dissemination campaigns covering environmental sustainability and conservation themes conducted with equal participation by men and women (2015 baseline: N/A)<br><br><i>[Updates from TIC, from Q3 2017 to Q1 2020]</i>              | Nil                  |   | Training Need Assessment (TNA) was conducted in SHV and KP (Apr and May 2017)<br><br>Finalize draft of Capacity Building and Training Program Framework Q1 2018 |
| <b>Outcome : Improved urban services in the two participating towns</b>   |                      |   |   |



| Indicators<br>(with Baseline and Performance Targets)   | Baseline | Achievements/Status<br>(as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance            |
|---|----------|--|--|
| 1. 2,700 households and businesses serviced by new and improved wastewater collection and treatment facilities in Kampot<br><br><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i> | Nil      |  | Assessment to start upon completion of construction of drainages in Q4 2020 onwards. |
| 2. 8,100 households serviced by improved solid-waste collection in the two towns<br><br><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i>   | Nil      |  | Assessment to start upon completion of construction of drainages in Q4 2020 onwards. |
| 3. 3,765 households with reduced flood risks in both towns<br><br><i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i>   | Nil      |  | Assessment to start upon completion of construction of drainages in Q4 2020 onwards. |



## APPENDIX 9 PROJECT IMPLEMENTATION AND PERFORMANCE M&E FRAMEWORK MATRIX

### Project Implementation M&E Framework Matrix

| Activities<br><i>(Col. 1)</i>  | Data Sources/ Means<br>of Verification<br><i>(Col. 2)</i>                                  | Data Collection<br>Method/Forms<br><i>(Col. 3)</i>                                      | Timing &<br>Frequency<br>of Data<br>Collection<br><i>(Col. 4)</i> | Responsible<br>Person/Agency<br>for Data<br>Collection<br><i>(Col. 5)</i>  |
|--|--|---|---|--|
| <b>Output 1: The SLEDPs developed</b>  |  |   |   |  |
| 1.1 Participating provinces and towns endorse SLEDPs by Q2 2016                                      | Executive agencies' copies of Letters of Endorsement by participating provinces and towns. | Validation with implementing agencies   | Q2 2016   | PMU / PIU supported by PISCB Social Development & Gender Specialist (SDGS) |
| <b>Output 2: Priority urban infrastructure investments implemented</b>                               |  |   |   |  |
| 2.1 Complete detailed engineering designs by Q4 2016   | PISCB DED Team's progress reports  | Updates from DED Team using M&E form no. 1A   | Monthly (May – Aug 2018)  | PMU supported by PISCB   |
| 2.2 Complete land acquisition and resettlement by Q4 2016  | PISCB Resettlement Specialist progress reports<br>On-site verification                     | Updates from Resettlement Specialist using M&E form no. 1A                              | Monthly (Jul - Dec 2018)  | PMU supported by PISCB   |
| 2.3 Bid civil works contracts by Q4 2017   | Prequalification, bidding and awards reports   | Updates from Procurement Specialist using M&E form no.1A                                | Monthly (May 2018 - Jan 2019)                                     | PMU supported by Procurement Specialist                                    |
| 2.4 Sign civil works contracts by Q4 2017  | Prequalification, bidding and awards reports   | Updates from Procurement Specialist using M&E form no.1A                                | Jan 2019  | PMU supported by Procurement Specialist                                    |
| 2.5 Complete civil works by Q4 2020  | PISCB Construction Supervision (CS) Team progress reports<br>On-site verification          | Updates from CS Team using M&E form nos. 2A and 2B.                                     | Monthly (Jan 2019 - Jan 2021)                                     | PMU supported by PISCB   |
| 2.6 Conduct environmental safeguards monitoring and reporting by Q1 2016–Q4 2020                     | Environmental Safeguards Monitoring Team (ESMT) reports.<br>On-site verification           | Updates from ESMT using M&E form no. 3.   | Monthly (Jul 2018 - Dec 2020)                                     | PMU supported by ESMT  |
| 2.7 Conduct social safeguards monitoring and reporting by Q1 2016–Q4 2017                            | Social Safeguards Monitoring Team (SSMT) reports.<br>On-site verification                  | Updates from SSMT   | Monthly (Jul 2018 - Dec 2020)                                     | PMU supported by SSMT  |
| <b>Output 3: Institutional capacities for managing public investments strengthened</b>               |  |   |   |  |
| 3.1 Formulate capacity building program by Q4 2016   | Report on capacity building program formulated   | Updates from PISCB Capacity Building & Training Specialist (CBTS) using M&E form no. 1B | Q1 2018<br>TNA  | PMU / PIU supported by PISCB CBTS  |
| 3.2 Complete key trainings and capacity building activities by Q4 2018                               | Reports on key trainings and capacity building activities                                  | Updates from PISCB CBTS using M&E form no. 1B   | Monthly (Apr 2019 – Dec 2019)                                     | PMU / PIU supported by PISCB CBTS  |
| <b>Output 4: Community awareness on project activities and environmental sustainability improved</b> |  |   |   |  |
| 4.1 Conclude community awareness and dissemination campaigns (Q4 2020)                               | Reports on actual conduct of community awareness & dissemination campaign.                 | Updates from PISCB Capacity Development Specialist (CDS) using M&E form nos. 1B and 5   | Monthly (Apr 2019 – Dec 2020)                                     | PMU / PIU supported by CDS   |



### Project Performance M&E Framework Matrix

| Indicators<br>(with Baseline and Performance Targets)<br><i>(Col. 1)</i>   | Data Sources/ Means of Verification<br><i>(Col. 2)</i>   | Data Collection Method/Forms<br><i>(Col. 3)</i>  | Timing & Frequency of Data Collection<br><i>(Col. 4)</i>   | Responsible Person/Agency for Data Collection<br><i>(Col. 5)</i>   |
|--|--|--|--|--|
| <b>Output 1: The SLEDPs developed</b>  |  |  |  |  |
| 1.a. SLEDPs endorsed by the participating provinces and towns (2015 baseline: final draft SLEDPs completed)  | Executive agencies' copies of Letters of Endorsement by participating provinces and towns.   | Validation with implementing agencies  | Q2 2016  | PMU / PIU supported by PISCB Social Development & Gender Specialist (SDGS)   |
| <b>Output 2: Priority urban infrastructure investments implemented</b>   |  |  |  |  |
| 2.a. At least 30% of unskilled laborers employed in subproject construction are women.<br><br>At least 30% of staff employed in operation and maintenance are women.<br><br>At least 75% of all unskilled laborers or staff are of local origin (2015 baseline: N/A) | Contractors' / PISCB Construction Supervision (CS) Team's progress reports<br>On-site verification<br><br>Infrastructure Operator's reports<br>Local authorities' statistical data<br><br>Contractors' / PISCB Construction Supervision (CS) Team's progress reports<br>On-site verification | Updates from CS Team using M&E form nos. 4B and 8A.<br><br>Updates from Infrastructure Operator using<br><br>Updates from CS Team using M&E form nos. 4B and 8A. | Monthly (Jul 2018 - Dec 2020)<br><br>Quarterly (Q1 2021 onward)<br><br>Monthly (Jul 2018 - Dec 2020) | PMU / PIU supported by PISCB. GAP requirements included in Contract Documents<br>PMU/PIU supported by Infrastructure Operator<br>PMU / PIU supported by PISCB. GAP requirements included in Contract Documents |
| 2.b Wastewater treatment capacity of 4,500 cubic meters/day added in Kampot through construction of one new wastewater treatment plant (2015 baseline: 0)  | Construction records, subproject completion reports, end of project survey   | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A.   | Operation - quarterly (Q1 2018 onward)   | PMU/PIU supported by Infrastructure Operator   |
| 2.c 15.6 km of drainage trunk mains and 11.4 km of drainage collection mains constructed in Kampot (2015 baseline: 0)  | Contractors/ Construction Supervision (CS) progress reports<br>On-site verification  | Updates from CS Consultant progress reports using M&E form no. 8A.   | Monthly July 2017- December 2020   | PMU / PIU supported by PISCB CS  |
| 2.d 2,700 new connections in Kampot for wastewater provided with free connection costs (2015 baseline: 0)  | Construction records, subproject completion reports, end of project survey   | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A.   | During operation - quarterly (Q1 2018 onward)  | PMU/PIU supported by Infrastructure Operator   |
| 2.e 7.9 km of separated primary storm water drains are constructed or upgraded in Kampot and 64.1 km in Sihanoukville (2015 baseline: 0)   | Contractors/ Construction Supervision (CS) progress reports<br>On-site verification  | Updates from CS Consultant progress reports using M&E form no. 8A.   | Monthly July 2017- December 2020   | PMU / PIU supported by PISCB CS  |
| 2.f In Kampot, a new managed landfill is made operational (2015 baseline: N/A)   | Construction records, subproject completion reports, end of project survey   | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A.   | During operation - quarterly (Q1 2018 onward)  | PMU/PIU supported by Infrastructure Operator   |
| 2.g In Sihanoukville, the  | Construction records,  | During operation:  | During   | During operation:  |



| Indicators<br>(with Baseline and Performance Targets)<br>(Col. 1)   | Data Sources/ Means of Verification<br>(Col. 2)  | Data Collection Method/Forms<br>(Col. 3)   | Timing & Frequency of Data Collection<br>(Col. 4) | Responsible Person/Agency for Data Collection<br>(Col. 5)      |
|---|--|--|---|--|
| existing dump site is upgraded with improved operations (2015 baseline: N/A)  | subproject completion reports, end of project survey   | PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A.                   | operation - quarterly (Q1 2018 onward)            | PMU/PIU supported by Infrastructure Operator                   |
| 2.h 8,100 households provided with new or improved solid-waste management collection in Kampot (3,330 households) and Sihanoukville (4,770 households) (2015 baseline: N/A)                                     | Construction records, subproject completion reports, end of project survey                         | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A. | During operation - quarterly (Q1 2018 onward)     | During operation: PMU/PIU supported by Infrastructure Operator |
| 2.i. 100% of informal waste pickers near existing dump sites ensured continued access to the landfill and alternative livelihood skills training (2015 baseline: N/A)   | Subproject completion reports, end of project survey   | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A. | During operation - quarterly (Q1 2018 onward)     | PMU/PIU supported by Infrastructure Operator                   |
| <b>Output 3: Institutional capacities for managing public investments strengthened</b>  |  |  |   |  |
| 3.a At least 20 persons (30% female) trained in key project management areas (2015 baseline: N/A)   | Project progress and completion reports, attendance lists, training reports                        | Updates from PISCB CBTS using M&E form no. 5   | Monthly April 2017-September 2019                 | PMU / PIU supported by PISCB CBTS                              |
| 3.b At least 100 persons (50% female) trained on gender sensitization training for community leaders, government officers, and consultants involved in project implementation and delivery (2015 baseline: N/A) | Project progress and completion reports, attendance lists, training reports                        | Updates from PISCB CBTS using M&E form no. 5   | Monthly April 2017-September 2019                 | PMU / PIU supported by PISCB CBTS                              |
| 3.c Project implementation units shall target recruitment of 30% female staff, including 20% in decision-making positions (2015 baseline: N/A)  | Project management unit and government employment records  | Updates from PISCB CBTS using M&E form no. 5   | Quarterly Inception Report                        | PMU / PIU supported by PISCB CBTS                              |
| <b>Output 4: Community awareness on project activities and environmental sustainability improved</b>  |  |  |   |  |
| 4.a At least 10 community awareness and dissemination campaigns covering environmental sustainability and conservation themes conducted with equal participation by men and women (2015 baseline: N/A)          | Project progress and completion reports, attendance lists, training reports                        | Updates from PISCB CDS using M&E form no. 5  | Monthly April 2017-September 2019                 | PMU / PIU supported by PISCB CDS                               |
| <b>Outcome: Improved urban services in the two participating</b>  |  |  |   |  |
| a. 2,700 households and businesses serviced by new and improved wastewater collection and treatment facilities in   | Reports of provincial department of public works and transportation, project progress reports, end | During operation: PIU updates from infrastructure operator's & local authorities' data.                        | Annual (2021 onward)                              | PMU/PIU supported by Infrastructure Operator                   |



**Ministry of Public Works and Transport, Kingdom of Cambodia**  
**Second GMS Corridor Towns Development Project**

| <b>Indicators</b><br>(with Baseline and Performance Targets)<br><i>(Col. 1)</i>                     | <b>Data Sources/ Means of Verification</b><br><i>(Col. 2)</i>  | <b>Data Collection Method/Forms</b><br><i>(Col. 3)</i>   | <b>Timing &amp; Frequency of Data Collection</b><br><i>(Col. 4)</i> | <b>Responsible Person/Agency for Data Collection</b><br><i>(Col. 5)</i> |
|---|--|--|---|---|
| Kampot (2015 baseline: 0)   | of project survey  | Using M&E Form no. 8A.   |   |   |
| b. 8,100 households serviced by improved solid-waste collection in the two towns (2015 baseline: 0) | Reports of provincial department of public works and transportation, project progress reports, end of project survey | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A. | Annual (2021 onward)  | PMU/PIU supported by Infrastructure Operator                            |
| c. 3,765 households with reduced flood risks in both towns (2015 baseline: 0)                       | Reports of provincial department of public works and transportation, project progress reports, end of project survey | During operation: PIU updates from infrastructure operator's & local authorities' data. Using M&E Form no. 8A. | Annual (2021 onward)  | PMU/PIU supported by Infrastructure Operator                            |



**APPENDIX 10**  
**STATUS OF ENVIRONMENT AND SOCIAL SAFEGUARD**

| No       | Description of the subprojects        | Date of Submission/Reviewing Meeting (RM) |                      |                |                                      |                    |                 |                    | Remarks  |
|----------|---------------------------------------|---|----------------------|----------------|--------------------------------------|--------------------|-----------------|--------------------|--|
|          |                                       | IEE and EMP for ADB                       |                      |                | IEIA <sup>(1)</sup> in Khmer for MoE |                    |                 |                    |  |
|          |                                       | Up dated<br>Aug.2018                      | Up dated<br>Oct.2018 | Up dated       | Draft                                | 1 <sup>st</sup> RM | Final draft     | 2 <sup>nd</sup> RM |  |
| <b>A</b> | <b>IEE (English) and IEIA (Khmer)</b> |   |                      |                |                                      |                    |                 |                    |  |
| <b>1</b> | <b>Kampot town</b>                    |   |                      |                |                                      |                    |                 |                    |  |
| 1.1      | Wastewater collection and Treatment   | 4 Sept.2018                               | 20<br>Nov.2018       |                | 22 Jun.<br>2018                      | 4 Sep.2018         | 5 Dec.2018      | 26 Feb.2019        | Expected to get license by the end of March 2019   |
| 1.2      | Urban drainage                        |   |                      |                | N/A                                  |                    |                 |                    | Ongoing preparation  |
| 1.3      | Solid waste management                |   |                      |                |                                      |                    |                 |                    |  |
| <b>2</b> | <b>Sihanoukville town</b>             |   |                      |                |                                      |                    |                 |                    |  |
| 2.1      | Urban drainage                        | 4 Sept.2018<br>and<br>15 Aug.<br>2018     | 20<br>Nov.2018       |                | 29 Aug.<br>2018                      | 4 Oct.2018         | 28 Dec.2018     | 25 Jan.2019        | Just wait licensing from MoE, expected to get license by the end of Feb.2019                       |
| 2.2      | Solid waste management                |   |                      |                | N/A                                  |                    |                 |                    | Land availability not confirmed, ADB/PMU discussed removal from project in ADB Feb Mission         |
| No       | Description of the subprojects        | Date of submission to PMU/GDR and ADB     |                      |                |                                      |                    |                 |                    | Remarks  |
|          |                                       | Due Diligence Report (DDR)                |                      |                | Updated Resettlement Plan (RP)       |                    |                 |                    |  |
|          |                                       | Draft                                     | Revised draft        | Final report   | 1 <sup>st</sup>                      | 2 <sup>nd</sup>    | 3 <sup>rd</sup> | Final report       |  |
| <b>B</b> | <b>Resettlement</b>                   |   |                      |                |                                      |                    |                 |                    |  |
| <b>1</b> | <b>Kampot town</b>                    |   |                      |                |                                      |                    |                 |                    |  |
| 1.1      | Wastewater collection and Treatment   | 29 Nov.2018                               | 5-21<br>Jan.209      | 22<br>Jan.2019 | 16<br>Aug.2018                       | No need            | No need         | No need            | RP be prepared by PISCB in this month  |
| 1.2      | Urban drainage                        |   |                      |                |                                      | Line 4b only       |                 |                    |  |
| 1.3      | Solid waste management                |   |                      |                |                                      | N/A                |                 |                    | No need  |
| <b>2</b> | <b>Sihanoukville town</b>             |   |                      |                |                                      |                    |                 |                    |  |
| 2.1      | Urban drainage                        | 3 Dec.2018                                | 5-21<br>Jan.209      | 22<br>Jan.2019 | 16<br>Aug.2018                       | No need            | No need         | No need            |  |
| 2.2      | Solid waste management                | N/A                                       |                      |                |                                      | No need            | No need         | No need            | Revised scope accepted by ADB Feb Mission but Aide Memoire to confirm after review of Kampot works |

**Note:** - <sup>(1)</sup> the GMS-2 project got principal approval on IEIA study report from MoE, since 9 July 2018



**APPENDIX 11**  
**GENDER ACTION PLAN (GAP MONITORING TABLE)**

**Date of Update:** September 30, 2018

**Project Title:** SECOND GREATER MEKONG SUBREGION (GMS) CORRIDOR TOWNS DEVELOPMENT PROJECT  
PROJECT IMPLEMENTATION AND CAPACITY BUILDING CONSULTANT (PISCB)

**Country:** Cambodia

**Project Number:** 3314-CAM

**Type of Project (Loan/Grant/TA):** Loan

**Approval and Timeline:** December 21, 2020 (Project Completion)

**Gender Category:** Effective Gender Mainstreaming (EGM)/Category B

**Mission Leader:** Sameer Kamal, Urban Development Specialist

**Project Impact:** Promoting growth that is sustainable, inclusive, equitable and resilient; creating employment, including through improving competitiveness; promoting equity through reducing poverty, improving environmental sustainability, and promoting efficiency through further strengthening institutional capacity and governance in the two towns of Kampot and Sihanouk Ville (National Strategic Development Plan, 2014-2018)

**Project Outcome:** Improved urban services in the two participating towns: Kampot and Sihanoukville



| GENDER ACTION PLAN   | Progress to Data   | Issues and Challenges  |
|--|--|--|
| (GAP Activities, Indicators, and Targets Timeframe, and responsibility)  | (This should include information on the period of actual implementation, sex-disaggregated qualitative and quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.) However, some would be in process-so explain what has happened towards meeting this target)  | (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for the delay, etc.) |
| <b>Output 1: Strategic Local Economic Development Strategies SLEDPs)</b>   |  |  |
| 1.1 GAP Component 1. Social and Gender Specialist inputs to the development of SLEDPs  |  |  |
| <p>1. The SLEDPs include consideration of poverty, social and gender issues with provision of strategic measures (Poverty, social and gender issues with provision of strategic measures included in the SLEDPs)</p> <p><b>ACTION 1: In-progress</b></p> <p><b>Responsibility:</b> Social and Gender Specialist<br/>Steering Committees</p> <p>Timeline:2017</p> | <ul style="list-style-type: none"> <li>- Part of the prepared SLEDP in 2014 has been already translated from Khmer to English for both Kampot and Sihanouk. The translated part includes the socio-economic situation, challenges, and development framework.</li> <li>- The International and National Social and Gender Specialist will now have some basis to review and provide inputs in the development of the SLEDP by the next quarter.</li> </ul> |  |
| <b>Output 2: Priority urban infrastructure investments implemented</b>   |  |  |
| 2.1 GAP Component 2. Urban and environmental infrastructure in both towns implemented (Sihanouk Ville and Kampot)  |  |  |
| <p>1. Number of residents and businesses serviced by new and improved wastewater collection and treatment facilities in Kampot is 2,700 households/13,000 people, 6,630 women. (2020)</p> <p><b>Target 1. Not yet Due</b></p> <p><b>Responsibility:</b> PMU/PIUs</p> <p><b>Time:</b> 2020</p>  | <ul style="list-style-type: none"> <li>- Construction has not yet commenced.</li> </ul>  |  |



|  |  |  |
|--|--|--|
| <p>2. Reduced flooding risks provided for 3,820 HHs/ 17,178 people /app.8,760 women (2015 baseline: 0)</p> <p><b>Target 2: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs</p> <p><b>Time:</b> 2020</p>  | <p>- Construction has not yet commenced.</p> |  |
| <p>3. 2,700 households/13,000 people and residents /6,630 women and businesses serviced by new and improved wastewater collection and treatment facilities in Campot by 2020)</p> <p><b>Target 3: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs</p> <p><b>Time:</b> 2020</p>           | <p>- Construction has not yet commenced.</p> |  |
| <p>4. New and improved wastewater collection and treatment facilities in Campot serviced 2,700 households /13,000 people and residents /6,630 women and businesses by 2020.</p> <p><b>Target 4: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs</p> <p><b>Time:</b> 2020</p>             | <p>- Construction has not yet commenced.</p> |  |
| <p><b>2.2 Solid waste management in both towns strengthened</b></p>  |  |  |
| <p>1. New or improved solid waste collection provided to 8,100 households in the two towns: In Kampot 3,300 households/16,538 people/8,477 women; in Sihanouk Ville 4,770 households/21,780 people/11,093 women.</p> <p><b>Target 5: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs</p> | <p>- Construction has not yet commenced.</p> |  |



|   |  |  |
|---|--|--|
| <p><b>Time:</b> 2020</p>  |  |  |
| <p>2. 100% of informal waste pickers near existing dumpsites (2015 baseline: 160persons) ensured continued access to the landfill and alternative livelihood skills training.</p> <p><b>Target 6: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB/CBTS</p> <p><b>Time:</b> 4<sup>th</sup> quarter 2018</p> | <ul style="list-style-type: none"> <li>- The gender team has prepared the livelihood skills training concept design/strategy including the budget not only for the waste pickers but also for the vulnerable group, including the youth (males and females), and men and women in the project communities.</li> </ul>  |  |
| <p><b>Output 3. Institutional Capacities for managing public investments strengthened</b></p>   |  |  |
| <p><b>3.1 GAP Component 3: Targets for female representation in sector /decision-making/training</b></p>  |  |  |
| <p>1. PIUs target recruitment of 30% female staff, including 20% in decision-making positions.</p> <p><b>Target 7: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB/CBTS</p> <p><b>Time:</b> 2017 up to 2020</p>  | <ul style="list-style-type: none"> <li>- Baseline activity for the staffing of the PMU/PIUs has not been undertaken during this reporting period.</li> <li>Coordination with the gender focal persons from PMU and PIUs will be undertaken to track the personnel profile including new hires using the monitoring form developed.</li> </ul>  |  |
| <p><b>3.2 GAP Component 3: Capacity building of women and gender sensitivity training/vocational training for the poor</b></p>  |  |  |
| <p>1. At least 20 persons (30% female) trained in key project management areas.</p> <p><b>Target 8: Partially Achieved/in Progress</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB/CBTS</p> <p><b>Time:</b> 4<sup>th</sup> quarter 2018 (complete key training by 4<sup>th</sup> quarter 2018)</p>                      | <ul style="list-style-type: none"> <li>- No coordination meeting was held with the National Training Coordinator during this period to discuss accomplishing the prepared Training Attendance Sheet/Form to document the participation of male and female staff in the project management training and other activities.</li> <li>- A meeting will be scheduled with the National Training Coordinator to discuss above GAP documentation requirements.</li> </ul> |  |
| <p>2. At least 100 persons (50% female) provided</p>  | <ul style="list-style-type: none"> <li>- Developed the activity design for the</li> </ul>  |  |



|   |  |  |
|---|--|--|
| <p>gender sensitization training for community leaders, government officers, and consultants involved in project implementation and delivery</p> <p><b>Target 9: Partially Achieved</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB/CBTS</p> <p><b>Time:</b> 4<sup>th</sup> quarter 2018 (complete key training by 4<sup>th</sup> quarter 2018)</p> | <p>Gender Sensitization and Awareness Training for PMU, PIU, Community Leaders, and relevant consultant/stakeholders. The training is focused on: (i) Gender Concepts and Principles; (ii) Gender and Development in Cambodia; (iii) The Status of Women in Cambodia based on the Sustainable Development Goals; (iv) Self-esteem of women; and (iv) Overview of the project and Gender Mainstreaming in the Project. After the training, the participants will understand the gender issues and their roles in gender mainstreaming in the project including GAP implementation.</p> <ul style="list-style-type: none"> <li>- On April 26 and 30, 2018, the gender team conducted GAP Orientation Meeting separately to a total of 34 participants (16 Kampot and 18 Sihanouk Ville, respectively) including Gender Focal Person of PMU, PIU, Commune Council Members, Commune Committee for Women and Children, and representatives of livelihood groups/associations. The GAP orientation meeting aimed to: (i) orient the PIU and the gender focal persons on the Gender Action Plan (GAP) output/measures, its implementation and monitoring and their roles in the GAP activities; (ii) orient the commune councils/women's groups in the target service areas about the project and their roles in GAP implementation and activities; (iii) identify project benefits, concerns and issues, and (iv) define the involvement of women association and groups in the community on environmental concerns and cleanliness, and livelihood groups' type of</li> </ul> |  |
|---|--|--|



|  |   |   |
|--|---|---|
|  | livelihood/business engagement and their problems and needs.  |   |
| <p>3. PMU and DoWA will organize, through, an NGO vocational training in livelihood and employment opportunities related to the project, e.g. tourism skills development, for at least 20 poor young women in Kampot, and 20 waste pickers for waste pickers at a dumpsite in Sihanoukville.</p> <p><b>Target 10: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs/DoWA supported by PISCB/CBTS</p> <p><b>Time:</b> 4th quarter 2018</p>  | <p>The livelihood concept design has been prepared and the gender team planned to meet with the DoWA to explore and discuss their current livelihood skills training program that may fit the needs of the waste pickers and the vulnerable sectors in the project areas.</p> <p>Potential NGO partners for the livelihood training are also in the process of being identified.</p> <p>A Socio-Economic Survey Form was developed. This will be used to update and establish the SES/ livelihood and other demographic profile of the project areas.</p> <p>A Livelihood needs /skills training assessment including an industry needs assessment questionnaire will be developed to be used for the conduct of the above assessment activities.</p> |   |
| <p><b>3.3 GAP Component 3:</b> International and national social and development /community development and specialists. Designated PMU/PIU counterpart Social and Gender staff</p>  |   |   |
| <p>1. The Specialists will be part of the Project Implementation Support and Capacity Building (PISCB) consultant team and assist the PMU/PIUs, working with designated social/gender staff. They will provide technical leadership in preparation of community awareness campaigns, GAP implementation, and monitoring</p> <p><b>ACTION 2: Partly achieved. (this is a continuing activity)</b></p> <p><b>Responsibility:</b> PMU supported by PISCB</p> <p><b>Time:</b> 2017-up project completion</p> | <ul style="list-style-type: none"> <li>- The International Social and Gender Specialist had her second deployment on April 18 – May 31, 2018. On the other hand, the National Social and Gender Specialist, Ms. Hor Sakphea, was on part-time work for the project during this period.</li> <li>- Mr. Vong Dara was appointed PMU Gender Focal person, concurrently PMU responsible for urban planning</li> <li>- Mr. Seth Kosal was appointed PIU Gender Focal Point, concurrently responsible for technical, DPWT of Kampot.</li> <li>- Mr. Nhem Sidoeun was appointed Gender</li> </ul>  | <p>PMU Gender Focal Point position has been assigned to Mr. Vong Rada as Ms. Chhuon Sovady is responsible for Finance. However, Ms. Sovady still assists Mr. Rada on gender concerns.</p> |



|  |  |  |
|--|--|--|
|  | Focal Point, concurrently Social and Environment, DPWT of Sihanoukville.   |  |
| <b>3.4 GAP Component 3: Employment Creation</b>  |  |  |
| <p>1. 30% of unskilled laborers employed in sub-project construction are women.</p> <p><b>Target 11: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB</p> <p><b>Time:</b> July 2018-December 2020)</p> | <p>During the GAP Orientation meeting held on April 26 and 28, 2018 in Kampot and Sihanoukville, respectively, together with the representative of the PMU, PIUs and community women representatives and other organizations, the gender team encouraged the PIUs to motivate the contractor/s to hire women in unskilled tasks/work during construction. This was positively accepted by the PIUs, at the same time, acknowledged by the community women's groups present during the orientation meeting.</p> <p>A monitoring form for hired construction workers disaggregated by sex was developed to document workers hired.</p> |  |
| <p>2. 30% of staff employed in O&amp;M are women.</p> <p><b>Target 12: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB</p> <p><b>Time:</b> July 2018-December 2020)</p>                               | <p>It was also discussed during the GAP orientation meeting the contractor/ PIUs will hire women in O&amp; M activities and that as a GAP target, 30 % of staff employed in O&amp; M are women.</p> <p>The PIUs were also informed a monitoring form was developed to document the number of men and women hired during O &amp; M activities.</p>  |  |
| <p>3. 75% of all unskilled laborers are of local origin.</p> <p><b>Target 13: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB</p> <p><b>Time:</b> July 2018-December 2020)</p>                        | <p>During the GAP orientation training, the PIUs were also encouraged to motivate contractors to hire unskilled workers from the villages in the project site.</p> <p>The PIUs were also informed of the monitoring form which was developed to indicate where the hired workers are from. The hiring of the unskilled workers from the villages was discussed as a means of providing</p>   |  |



|   |  |  |
|---|--|--|
|   | employment benefits to the community residents or those in vulnerable conditions. The origin of the workers was included in the form “Profile of Construction Workers Hired” as Attachment H.  |  |
| <b>3.5 GAP Component 3: Gender Monitoring</b>   |  |  |
| <p>1. PPMIS will include sex-disaggregated data and gender-sensitive monitoring indicators</p> <p><b>ACTION 3: completed (inclusion of sex-disaggregated data in PPMIS) but monitoring will continue</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB</p> <p>Timeline: 2017 and up to 2020</p>   | <p>The inclusion of the gender-disaggregated and gender-sensitive monitoring indicators were established in the PPMIS. The team will continue coordinating with the PPMIS consultant and work with the PIUs for the documentation of sex-disaggregated data during construction and implementation/O&amp;M phase on a quarterly and semi-annual basis.</p>   |  |
| <b>Output 4: Community Awareness on project activities and environmental sustainability improved</b>  |  |  |
| <b>4.1 GAP Component 4: Community awareness and information dissemination campaigns strengthen maximizes people’s benefits from provided urban infrastructure</b>   |  |  |
| <p>1. PDWA and DoWA (and other selected NGOs/CSOs) undertake 10 community awareness and dissemination campaigns covering environmental sustainability and conservation themes with 50% male and 50% female participation rate in each town</p> <p><b>Target 14: Not yet due.</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB</p> <p><b>Time:</b> July 2018-December 2020)</p> | <p>The concept design for the community awareness and environmental dissemination campaigns was not undertaken yet as there is a need to discuss with the Environmental Specialists on the scope and content of the campaigns.</p> <p>Based on discussion with the CBTS, the Environmental Specialist will be the lead for this activity, with the Gender team providing the inputs and content of the dissemination and campaigns. This will be confirmed with the Environmental Specialists’ team.</p> |  |
| <p>4.2 Campaigns will promote “Clean City” concept and disseminate information about the positive impacts of the solid waste collection at the community level. This includes public forums at the community level on the importance of women</p>   | <p>The site visit made by the Gender team and the national resettlement Specialist, Mr. Sophana at the proposed project site last November 17, 2017, provided an initial insight about the project area and its surroundings</p>   |  |



|  |  |  |
|--|--|--|
| <p>participation in cleaning and improving hygiene in the city and cleaning the city daily “Your action to make the city clean”</p> <p><b>ACTION 4: Partially achieved /on track</b></p> <p><b>Responsibility:</b> PMU/PIUs supported by PISCB/Gender Specialists</p> <p>Timeline: 3<sup>rd</sup> quarter of 2018 and up to 2020</p> | <p>including the economic situation/profile of the households.</p> <p>This will be inputted into the preparation of the conceptual design of the environmental awareness campaigns in the project sites.</p> <p><u>Potential Focal Group/partner for the Environmental and Awareness campaigns Identified</u></p> <p>The interview with the CCWCs (Commune Committee on Women and Children) in both towns during the GAP orientation meeting also revealed of the women’s ongoing efforts at promoting cleanliness and sanitation in their villages. Another women volunteer group noted being paid a minimal amount for collecting garbage in some areas in their communities. With their current effort, the CCWC can be the potential focal group or partner during the awareness and dissemination campaigns as they claimed they can mobilize people and are already doing these activities in their communities.</p> |  |
|--|--|--|

**Comments/Remarks: None**

**Accomplished by: International/National Social Development and Gender Specialist**

**Date Accomplished: September 30, 2018**



**APPENDIX 12**  
**STATUS OF COMPLIANCE WITH LOAN COVENANTS**

| No. | Covenant  | Reference in LA     | Status of Compliance |
|-----|---|---------------------|----------------------|
| 1.  | <p><b>Implementation Arrangements</b></p> <p>The Borrower and Project Executing Agency shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.</p>  | Schedule 5, Para. 1 | Complied with        |
| 2.  | <p><b>Environment</b></p> <p>The Borrower shall ensure, and cause the Project Executing Agency to ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project comply with: (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEEs, the EMPs and any corrective or preventative actions set forth in a Safeguards Monitoring Report.</p>  | Schedule 5, Para. 2 | Ongoing              |
| 3.  | <p><b>Land Acquisition and Involuntary Resettlement</b></p> <p>The Borrower shall ensure or cause the Project Executing Agency to ensure that all land and all rights-of-way required for the Project are made available to be Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with the RP based on (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the applicable principles and requirements set forth in the SPS; and (c) any necessary corrective or preventive actions as agreed by the IRC set forth in the Safeguards Monitoring Report .</p> | Schedule 5, Para. 3 | Ongoing              |
| 4.  | <p>Without limiting the application of the SPS or the RPs, the Borrower shall ensure or cause the Project Executing Agency to ensure that no physical or economic displacement takes place in connection with the Project until:</p> <p>(a) compensation and other entitlements have been provided to affected people in accordance with the RPs; and</p> <p>(b) a comprehensive income and livelihood improvement program has been put in place in accordance with the RPs.</p>  | Schedule 5, Para. 4 | Not yet due          |
| 5.  | <p><b>Indigenous Peoples</b></p> <p>The Borrower shall ensure that the Project does not have any indigenous people impacts, all within the meeting of ADB's Saguard Policy Statement. In the event that the Project complies with the applicable laws and regulations of the Borrower and with ADB's Saguard Policy Statement.</p>  | Schedule 5, Para. 5 | Complied with        |
| 6.  | <p><b>Human and Financial Resources to Implement Safeguards</b></p>   |                     |                      |



| No. | Covenant  | Reference in LA     | Status of Compliance   |
|-----|---|---------------------|--|
|     | <p><b>Requirements</b></p> <p>The Borrower shall make available or cause the Project Executing Agency to make available, necessary budgetary and human resources to fully implement the EMPs and the RPs.</p>   | Schedule 5, Para. 6 | Complied with  |
| 7.  | <p><b>Safeguards – Related Provisions in Bidding Documents and Works Contracts</b></p> <p>The Borrower shall ensure, and cause the Project Executing Agency to ensure that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <ul style="list-style-type: none"> <li>(a) comply with the measures relevant to the contractor set forth in the IEEs, the EMPs and the RPs (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report;</li> <li>(b) make available a budget for all such environmental and social measures;</li> <li>(c) provide the Borrower with a written notice of any unanticipated environmental, or resettlement risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs and the RPs;</li> <li>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</li> <li>(e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.</li> </ul> | Schedule 5, Para. 7 | <p>Complied</p> <p>Complied</p> <p>Complied</p> <p>Complied</p> <p>Complied</p>                              |
| 8.  | <p><b>Safeguards Monitoring and Reporting</b></p> <p>The Borrower shall do the following or cause the Project Executing Agency to do the following:</p> <ul style="list-style-type: none"> <li>(a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;</li> <li>(b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs and the RPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and</li> <li>(c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs and the RPs promptly after becoming aware of the breach.</li> </ul>   | Schedule 5, Para. 8 | Partly complied semi-annual monitoring reports (internal monitoring by GDR/DIMDM) have not been provided yet |
| 9.  | <p><b>Prohibited List of Investments</b></p> <p>The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited</p>  | Schedule 5, Para. 9 | Complied with  |



| No. | Covenant  | Reference in LA      | Status of Compliance |
|-----|---|----------------------|----------------------|
|     | investment activities provided in Appendix 5 of the SPS.  |                      |                      |
| 10. | <p><b>Gender and Development</b></p> <p>The Borrower shall ensure that: (a) the gender action plan is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measures set forth in the GAP; (c) adequate resources are allocated for the implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets, are regularly monitored and reported to ADB; and (e) key gender outcome and output targets include, but not limited to: (i) the project implementation units shall target recruitment of 30% female staff, including 20% in decision-making positions; (ii) at least 20 persons (30% female) trained in key project management areas; (iii) at least 100 persons (50%female) provide gender sensitization training for community leaders, government officers, and consultants involves in project implementation and delivery; (iv) the project management unit and the Borrower's department of Women's Affairs will organize, through an NGO vocational training in livelihood and employment opportunities related to the project, e.g. tourism skills development, for at least 20 poor young women in Kampot, and offer the same for waste pickers at dumpsite in Sihanoukville; (v) 30% of unskilled laborers employed in sub-project construction are women; (vi) 30% of staff employed in operations and maintenance are women; and (vii) 75% of all unskilled laborers/staff are of local origin.</p> | Schedule 5, Para. 10 | Ongoing              |
| 11. | <p><b>Governance and Anticorruption</b></p> <p>The Borrower, the Project Executing Agency, and the Project Implementing Agencies shall: (a) comply with ADB's Anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.</p>  | Schedule 5, Para. 11 | Complied with        |
| 12. | <p>The Borrower, the Project Executing Agency, and the Project Implementing Agencies shall ensure that the anticorruption provisions acceptable to ADB are included in all bidding documents and contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the Project Executing Agency and the Project Implementing Agencies and all contractors, suppliers, consultants, and other service providers as they relate to the Project.</p>  | Schedule 5, Para. 12 | Complied with        |
| 13. | <p>Within six (6) months of the Effective Date, the Project Executing Agency shall create or modify a Project website to disclose information about various matters on the Project. The website will include information on Project procurement include the list of participating bidders, name of each winning bidder, basic details on bidding procedures adopted, the value of each contract awarded, and the list and value of goods/services procures and the intended utilization of Loan proceeds under each contract being awarded. The website shall also include general Project information, Project progress</p>  | Schedule 5, Para. 13 | Complied with        |



| No. | Covenant  | Reference in LA      | Status of Compliance |
|-----|---|----------------------|----------------------|
|     | <p>and contact details for the Project Executing Agency's counterpart staff in Khmer and English languages, and shall link to ADB's Integrity Unit website at <a href="http://www.adb.org/site/integrity/complaint-form">http://www.adb.org/site/integrity/complaint-form</a> for reporting to ADB any grievances or allegations of corrupt practices arising out of the Project and /or Project activities. The Borrower shall cause the Project Executing Agency to ensure that all Project staff are fully aware of ADB's procedures, including, but not limited to, procedures for implementation, procurement, use of consultants, disbursements, reporting, monitoring, and prevention of fraud and corruption.</p>   |                      |                      |
| 14. | <p><b>Grievance Redress Mechanism</b></p> <p>The Borrower shall through the Project Executing Agency further ensure that within nine (9) months of the Effective Date, a grievance redress mechanism (GRM) acceptable to ADB is established for non-safeguards complaints in accordance with the PAM. In each case, such GRM shall function to (i) review and document eligible complaints of Project stakeholders; (ii) proactively address grievances; (iii) provide the complainants with notice of the chosen mechanism and/or action; and (iv) prepare and make available to ADB upon request periodic reports to summarize (a) the number of complaints received and resolved; (b) chosen actions; and (c) final outcomes of the grievances and make these reports available to ADB upon request. Eligible non-safeguards complaints include those related to the Project, any of the service providers, any person responsible for carrying out the Project, complaints on misuse of funds and other irregularities as well as gender issues.</p>  | Schedule 5, Para. 14 | Complied with        |
| 15. | <p><b>Sector Development and Counterpart Support</b></p> <p>(a) The Borrower shall (i) cause the Project Executing Agency and the relevant Project Implementation Agency to adopt business plans consistent with the terms and requirements of the PAM(including, but not limited to, the necessary tariff, tariff collection rates, increases in tariff rates and service coverage rates for wastewater collection and treatment services and facilities in Kampot and rates for solid waste collection services and facilities in Kampot and Sihanoukville for the operational period of the relevant facilities), subject to prior consultation with ADB, for achieving full cost recovery to cover operations and maintenance expenditures of the facilities developed under Parts 1,2 and 4of the Project, as applicable, prior to their physical completion; and (ii) cause each Project Implementation Agency to administer the applicable business plan in accordance with its terms and the PAM, including, but not limited to, the collection of all necessary tariffs and Implementation of any tariff increases, as applicable.</p> | Schedule 5, Para. 15 | Not yet due          |
| 16. | <p>(b) The Borrower shall (i) if there is any deficiency in the budget for the operations and maintenance of the facilities constituting Parts 1, 2 and 4 (or any or all of them ) of the Project in any fiscal year, require the applicable Project Implementation Agency to Fund immediately such deficiency through budget allocations for such facilities;</p>  | Schedule 5, Para. 16 | Not yet due          |



**Ministry of Public Works and Transport, Kingdom of Cambodia**  
**Second GMS Corridor Towns Development Project**

| <b>No.</b> | <b>Covenant</b>   | <b>Reference in<br/>LA</b> | <b>Status of<br/>Compliance</b> |
|------------|---|----------------------------|---------------------------------|
|            | and (ii) if the applicable Project Implementation Agency fails to undertake its obligation under clause (b)(i) above, fund immediately such deficiency in the budget for the operations and maintenance for the facilities constituting Parts 1, 2 and 4 (or any or all of them ) of the Project, as applicable, for the relevant fiscal year to ensure proper operations and maintenance of such facilities for the remainder of the relevant fiscal year. |                            |                                 |



## APPENDIX 13

### RISK ASSESMENT AND RISK MANAGEMENT PLAN (RARMP)

| No.                           | Risk/Issue  | Assessment without Mitigation | Action to Mitigated Risk   | Responsibility   | Target/Monitoring  | Status as of March 2019   | Supporting Evidence   |
|-------------------------------|---|-------------------------------|--|--|--|---|---|
| <b>Element 1: Procurement</b> |   |                               |  |  |  |   |   |
| 1.a                           | Irregularities relating to leaking prior or post procurement information before the contract award, collusion during the bidding process, and bid evaluation. | High                          | EA/IAs to establish PRC under the project in accordance with SOP/PM which are in line with ADB guidelines. EA/IAs shall ensure that the Declarations of Fraud and Ethical Conduct (DFEC) for PRC members and bidders (contractors, suppliers and consultants) are signed for each transaction. A copy of the declarations of winning bidders shall be part of the awarded contracts. | EA/IAs   | All procurement transactions. EA/IA to monitor, ADB to verify during review missions, prior reviews and post reviews | PRC established on 22 October 2014. DFEC signed for each transaction, and copies of DFEC of winning bidders made part of awarded contracts. | PRC minutes of meetings. DFEC in awarded contracts.   |
| 1.b                           | Insufficient compliance with procedures   | High                          | EA/ IAs are to adhere strictly to the procedures and guidelines set forth in the Loan Agreement, ADB's Procurement Guidelines, and SOP/PM that also cover ICB, NCB and shopping.   | EA/IAs<br>MEF monitors compliance with LA, ADB Procurement Guidelines and SOP/PM | All procurement transactions. EA/IA to monitor, ADB to verify during review missions, prior reviews and post reviews | Sufficient adherence/ compliance to procurement procedures and guidelines by EA/IAs, as monitored by MEF.                                   | Bid Evaluation Committee (BEC) / Consultant Evaluation Committee (CEC) Reports & Recommendation. PRC minutes of meetings. |
| 1.c                           | Weak procurement capacity.  | High                          | EA/ IAs will receive continued hands-on training and technical assistance from consultants recruited under the project. SOP/PM will be used under the project.   | ADB  | Throughout Project duration  | Training conducted by ADB in Dec. 2016. Inquiries on procurement can be directly made through ADB's procurement clinic.                     | PMU/ADB records.  |
|                               |   |                               | Recruitment of a well-experienced procurement officer and website officer in   | EA/IAs   | Throughout Project duration  | Procurement Specialist  | Copies of contracts with  |



| No.                                    | Risk/Issue  | Assessment without Mitigation | Action to Mitigated Risk  | Responsibility  | Target/Monitoring  | Status as of March 2019  | Supporting Evidence   |
|--|---|-------------------------------|---|---|--|--|---|
|  |   |                               | <p>PMU to avoid procurement and eventual implementation delays</p> <p>Closely monitor and review procurement conduct, and where necessary, take measures to improve procedures based on lessons learnt from each successive procurement activity.</p> <p>EA/IAs will recruit additional national and/or national procurement staff if required.</p> | <p>EA, MEF and ADB</p> <p>EA/IAs</p>  | Throughout Project duration  | <p>contracted in Aug 2014 by PISCD and in June 2016 by PMU.</p> <p>Website officer is a PMU member.</p> <p>EA/MEF monitoring and reviewing the conduct of procurements.</p> <p>No additional procurement staff required.</p> | <p>PMU.</p> <p>BEC and CEC reports. PRC minutes of meetings.</p> <p>-</p>     |
| 1.d                                    | Delayed execution of schedules in the Procurement Plans and failure to track to procurement transactions. | High                          | Preparation of realistic annual Procurement Plan, tied to annual work plan and budget. EA/IAs will maintain Procurement Monitoring and Tracking Forms as defined in the SOP/PM, and take actions to address delays through additional consultant inputs, if necessary.  | EA/IAs to prepare updated procurement plans and procurement tracking form.              | Update procurement plan and monitor procurement tracking form during review missions as required | Procurement plan updated in August 2016. Procurement Monitoring & Tracking Forms maintained.   | Updated Procurement Plan. Filled out Procurement Monitoring & Tracking Forms. |
| 1.e                                    | Informal payments by contractors, suppliers and consultants   | High                          | All contractors, suppliers and consultants – firms or individuals, national and international – bidding for contracts under the project shall sign the Declaration on Ethical Conduct and Fraud and Corruption in the SOP/ procurement manual.  | EA/IAs and MEF  | Throughout Project duration  | Signed DFECs included in bids.   | Signed DFECs.   |
| <b>Element 2: Financial Management</b> |   |                               |   |   |  |  |   |
| 2.a                                    | Weak internal controls  | High                          | EA/IAs to follow the financial management procedures specified in: (i) the Project Financing Agreement; (ii) the government's SOP and FMM.  | EA/IAs; MEF to ensure compliance with SOP/ FMM, Loan Agreement and ADB's Anticorruption | Throughout Project duration  | Specified fin'l. management procedures followed since 31 Dec 2015 and ongoing.   | Quarterly Report and PMU reports to MEF and ADB.                              |



| No.                           | Risk/Issue  | Assessment without Mitigation | Action to Mitigated Risk   | Responsibility  | Target/Monitoring  | Status as of March 2019   | Supporting Evidence   |
|-------------------------------|---|-------------------------------|--|---|--|---|---|
|                               |   |                               |  | Policy  |  |   |   |
| 2.b                           | Weak financial management capacity  | High                          | EA/IAs to receive continued hands-on training from consultants recruited under the project. The SOP/FMM will be used under the project, as well as relevant provisions of the Loan Agreement and ADB's guidelines on procurement and consulting services.<br><br>Project to closely monitor and review financial management conduct and make necessary improvements as required. | EA and IAs and ADB<br><br>EA and IAs                    | Throughout Project duration, conducted as a part of capacity building activities in the project          | Hands-on-training ongoing. CapDev training scheduled.<br><br>Monitoring & review since Dec 2015 and ongoing                       | CapDev Plan and training modules.<br><br>Supported by Financial Management Specialist |
| 2.c                           | Minimize cash transactions  | High                          | Project to make all progress payments to contractors, suppliers and consultants – firms, individuals, national and international – by check or transfer to bank accounts, and retain evidence for audit and donor supervision missions.  | MEF, EA and IAs   | Throughout Project duration  | Payments by check or bank transfer complied and ongoing.  | Project Financial Statements  |
| 2.d                           | Delayed or non-existent reconciliation of advances for operating costs and expenses | High                          | Project to reconcile advances for operating expenses to staff or field offices within one week of the end of each month.<br><br>No further advances to be paid until previous advance reconciled and cleared against documentary evidence.   | EA and IAs  | Throughout Project duration<br><br>Project director to monitor and ADB to verify during review missions. | Reconciliation of advances complied and ongoing.  | Project Financial Statements  |
| <b>Element 3 : Disclosure</b> |   |                               |  |   |  |   |   |
| 3.a                           | Possible conflict of interest among Project staff                                   | Extremely High                | Project staff to disclose private and public affiliations or personal interest before becoming involved in any project-related transaction, such as contract award. EA to prepare a declaration statement for staff's signature.   | EA/IAs to ensure all Project staff sign the disclosures | Throughout Project duration<br><br>Project director to ensure all project staff signs the disclosures.   | Internal rules of the project updated and provided for avoidance of conflict of interest. Written disclosure is retained on file. | Internal rules of project for project staffs (PMU and PIUs)                           |
| 3.b                           | Inadequate transparency and disclosure  | High                          | Project to agree information to be disclosed on the project and EA/IA websites biannually, with hard copies available for public inspection on request. At a minimum, the  | EA and ADB to agree the final list.                     | Throughout Project duration.   | Development of project website to be completed in February 2017.  | Project website.  |



| No.   | Risk/Issue   | Assessment without Mitigation | Action to Mitigated Risk   | Responsibility                                    | Target/Monitoring           | Status as of March 2019  | Supporting Evidence   |
|---|--|-------------------------------|--|---|-----------------------------|--|---|
|   |  |                               | Project will disclose the information required by the Loan Agreement.  | Project director to arrange disclosure            |                             | Information will then be uploaded to the website.<br>Project information and grievance redress mechanism disclosed in target towns on 19, 21 and 22 June 2018<br>Bid documents was advertised by Phnom Penh Post newspaper and Project website | EMPs report and quarterly report<br><br>Bid Evaluation Report (BER) |
| <b>Element 4: Complaints and Remedies Mechanism</b> |  |                               |  |   |                             |  |   |
| 4.a   | Inadequate complaints and remedies mechanisms              |                               | Project to build well-defined complaints and remedies mechanism into project documents.<br>Complaints procedures regarding procurement to follow process set out in Loan Agreement and SOP/PM.<br><br>Following established publication of evaluation and awards, debriefing mechanism is also necessary not only to enhance transparency but also for the losing bidders to know their weak points. | EA/IAs<br><br>EA and IAs in consultation with ADB | At effectiveness            | To be complied with.<br><br>PMU provides all bidders with copies of the evaluation and awards through email.   | -<br><br>Copies of emails from PMU                                  |
| <b>Element 5: Code of Ethical Conduct</b>           |  |                               |  |   |                             |  |   |
| 5.a   | Poor enforcement of the Code of Conduct for civil servants |                               | Project to provide copies of the relevant laws and articles on Code of Conducts for civil servants to all project staff, including contracted staff. Project will maintain signed declaration of receipt of these documents by all project staff, including contracted staff.<br>Similarly, all members of the procurement   | EA and IAs  | Throughout Project duration | The Department of Human Resources provides copies of Code of Conducts for Civil Servants to Ministry   | Signed receipts available with the Department of Human Resources.   |



| No.   | Risk/Issue  | Assessment without Mitigation | Action to Mitigated Risk  | Responsibility                           | Target/Monitoring  | Status as of March 2019  | Supporting Evidence  |
|---|---|-------------------------------|---|--|--|--|--|
|   |   |                               | committee undertaking the evaluation shall sign the Declaration on Ethical Conduct.   |  |  | personnel upon employment.   |  |
| <b>Element 6: Sanctions</b>                 |   |                               |   |  |  |  |  |
| 6.a   | Inadequate sanctions for fraudulent and corrupt activity by Project staff, contractors, suppliers and consultants |                               | The Project to identify and apply sanctions available under current law and regulations of Cambodia, ADB's Loan Regulations, the Loan Agreement, and ADB's Procurement Guidelines and Consulting Guidelines. Sanctions for individuals may include transfer of duties, retraining, suspension, dismissal, re-grading, and prosecution under Cambodian Law. Sanctions for firms may include: termination of contract, debarment or blacklisting under ADB's Procurement Guidelines and Consulting Guidelines, or prosecution under Cambodian Law | EA and IAs, and in consultation with ADB | Effectiveness  | Sanctions for firms included in termination of contract  | Bidding document   |
| <b>Element 7: Project Specific Elements</b> |   |                               |   |  |  |  |  |
| 7.a   | Poor enforcement of contract terms and need to conduct contractors' performance evaluation                        |                               | EA to ensure that contract terms are strictly enforced and the loan consultant will be a party to ensuring quality control of contract outputs, include acceptance of completion of works and services.   | EA and IAs                               | Throughout Project duration  | Contract terms for previous DED Consultant enforced, with the assistance of PISCD.<br><br>ADB gave no objection to the BEC of SHV Urban Drainage | Evaluation of DED Consultant's output.<br><br>Report of BEC of SHV Urban Drainage    |
| 7.b   | Poor quality of design and works construction   |                               | EA and IAs to ensure that approved infrastructure's design standards and specification developed by the respective agencies are utilized for the design of structures under the project.<br><br>Project to recruit experienced detailed design consultant on a timely basis to assist the project.  | EA and IAs, and with ADB NOL             | Throughout Project duration<br><br>Contract signed immediately after effectiveness | DED to be carried out by PISCD and CS Consultants.<br><br>DED to be carried out by PISCD and CS Consultants.                                     | DED reports and bid documents.<br><br>V.O. no. 6 to PISCD contract, and CS contract. |



| No. | Risk/Issue                                       | Assessment without Mitigation | Action to Mitigated Risk   | Responsibility  | Target/Monitoring  | Status as of March 2019  | Supporting Evidence  |
|-----|--|-------------------------------|--|---|--|--|--|
| 7.c | Risk of low quality construction and supervision |                               | <p>Project to recruit experienced site supervision consultants to assist EA/IAs.</p> <p>Regular technical audit is to be undertaken with any adverse findings to be acted upon immediately.</p> <p>Project to evaluate contractors' performance with poor performing contractors declared ineligible to bid for at least one year.</p> | <p>EA and IAs, and with ADB NOL</p> <p>EA and IAs</p> <p>EA and IAs, and with ADB NOL</p> | <p>Prior to award of first works contract.</p> <p>Throughout Project duration.</p> <p>Annually</p> | <p>Construction Supervision Consultant recruited</p> <p>Complied during construction.</p> <p>Complied during construction.</p> | <p>CS contract document.</p> <p>Monthly progress report of CS</p> <p>Monthly progress report of CS</p> |

